



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PROMPT ACTION REQUEST, SNOOPER USED,
BUCKET TRUCK USED; HYDRAPLATFORM USED;
LADDER USED; NEW REPAIRS; ULTRASONIC
TESTING REQUESTED WEST TOWER; CHANGE IN
STRUCTURE DATA

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 12/20/2021

DIVISION: 3 COUNTY: NEW HANOVER STRUCTURE NUMBER: 640013 FREQUENCY: 24 MONTHS

FACILITY CARRIED: US17,US76,US421 MILE POST: _____

LOCATION: 0.35 MI.E. JCT. US133

FEATURE INTERSECTED: CAPE FEAR RIVER

LATITUDE: 34° 13' 38.74" LONGITUDE: 77° 57' 6.82"

SUPERSTRUCTURE: TRUSS LIFT SPAN&RC DECK ON STL.GDRS.&PRESTR.CONC.GDRS.

SUBSTRUCTURE: E.BTS:RC CAP/PILES;INT.BT:RCP&B;LIFT SPAN:RC PIERS

SPANS: 35 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

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

POSTED SV: _____ POSTED TTST: _____

OTHER SIGNS PRESENT: (2) DRAW BRIDGE



WEST APPROACH LOOKING EAST, EASTBOUND LANES

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

INSPECTED BY
ERIC A. PATTERSON

SIGNATURE

ASSISTED BY MATT MOYER; KEITH PROCTOR

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

03/03/2022

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE 640013
 (8) STRUCTURE NUMBER (FEDERAL) 1290013
 (5) INVENTORY ROUTE (ON/UNDER) ON 126000170
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 3
 (3) COUNTY CODE (FEDERAL) 129 (4) PLACE CODE 74440
 (6) FEATURE INTERSECTED CAPE FEAR RIVER
 (7) FACILITY CARRIED US17,US76,US421
 (9) LOCATION 0.35 M.I.E. JCT. US133
 (11) MILEPOINT 0.0
 (12) BASE HIGHWAY NETWORK 1
 (13) LRS INVENTORY ROUTE & SUBROUTE 20017
 (16) LATITUDE 34° 13' 38.74" (17) LONGITUDE 77° 57' 6.82"
 (98) BORDER BRIDGE STATE CODE PERCENT SHARED
 (99) BORDER BRIDGE STRUCTURE NUMBER

SUFFICIENCY RATING

43.56

STATUS =

Functionally Obsolete

CLASSIFICATION

CODE

(112) NBIS BRIDGE SYSTEM Y
 (104) HIGHWAY SYSTEM Inventory Route is on NHS 1
 (26) FUNCTIONAL CLASS Urban Principal Arterial - Other Freeways 12
 (100) STRAHNET HIGHWAY Non-Interstate STRAHNET Route 2
 (101) PARALLEL STRUCTURE No parallel structure exists N
 (102) DIRECTION OF TRAFFIC 2-way traffic 2
 (103) TEMPORARY STRUCTURE
 (110) DESIGNATED NATIONAL NETWORK - on national network for trucks 1
 (20) TOLL On Free Road 3
 (21) MAINT - 01
 (22) OWNER - 01
 (37) HISTORICAL SIGNIFICANCE - 5

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN Steel
 TYPE Movable - Lift CODE 315
 (44) STRUCTURE TYPE APPROACH Prestressed Concrete
 TYPE Stringer/Multi-beam or girder CODE 502
 (45) NUMBER OF SPANS IN MAIN UNIT 1
 (46) NUMBER OF SPANS IN APPROACH 32
 (107) DECK STRUCTURE TYPE CODE 3
 (108) WEARING SURFACE/PROTECTIVE SYSTEM
 (A) TYPE OF WEARING SURFACE CODE 9
 (B) TYPE OF MEMBRANE CODE 0
 (C) TYPE OF DECK PROTECTION CODE 0

CONDITION

CODE

(58) DECK 6
 (59) SUPERSTRUCTURE 5
 (60) SUBSTRUCTURE 6
 (61) CHANNEL & CHANNEL PROTECTION 7
 (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-31 55
 (65) INVENTORY RATING METHOD - 1
 (66) INVENTORY RATING HS-18 33
 (70) BRIDGE POSTING No Posting Required 5
 (41) STRUCTURE OPEN, POSTED, OR CLOSED A
 DESCRIPTION Open, no restriction

AGE AND SERVICE

(27) YEAR BUILT 1969
 (106) YEAR RECONSTRUCTED 0
 (42) TYPE OF SERVICE ON - Highway
 OFF - Highway - waterway CODE 16
 (28) LANES ON STRUCTURE 4 LANES UNDER STRUCTURE 12
 (29) AVERAGE DAILY TRAFFIC 61000
 (30) YEAR OF ADT 2018 (109) TRUCK ADT PCT 12
 (19) BYPASS OR DETOUR LENGTH 3.0

APPRAISAL

CODE

(67) STRUCTURAL EVALUATION 5
 (68) DECK GEOMETRY 4
 (69) UNDERCLEARANCES, VERT & HORIZ 3
 (71) WATERWAY ADEQUACY 8
 (72) APPROACH ROADWAY ALIGNMENT 8
 (36) TRAFFIC SAFETY FEATURES 0000
 (113) SCOUR CRITICAL BRIDGES 5

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 413.0
 (49) STRUCTURE LENGTH 3033.0
 (50) CURB OR SIDEWALK: LEFT 1.5 RIGHT 1.5
 (51) BRIDGE ROADWAY WIDTH, CURB TO CURB 56.0
 (52) DECK WIDTH OUT TO OUT 97.7
 (32) APPROACH ROADWAY WITH (W/ SHOULDERS) 56.0
 (33) BRIDGE MEDIAN Closed median w/ non-mountable barriers CODE 3
 (34) SKEW 0 (35) STRUCTURE FLARE 0
 (10) INVENTORY ROUTE MIN VERT CLEAR 16.0
 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 27.0
 (53) MIN VERT CLEAR OVER BRIDGE RDWY 16.0
 (54) MIN VERT UNDERCLEAR: REFERENCE H 16.3
 (55) MIN LAT UNDERCLEARANCE RT: REFERENCE H 1.8
 (56) MIN LAT UNDERCLEARANCE LT: 99.9

PROPOSED IMPROVEMENTS

CODE

(75) TYPE OF WORK
 (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 122,000 YEAR OF FUTURE ADT 2040

NAVIGATION DATA

(38) NAVIGATION CONTROL - CODE 1
 (111) PIER PROTECTION In place and functioning CODE 2
 (39) NAVIGATION VERTICAL CLEARANCE 135.0
 (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR 65.0
 (40) NAVIGATION HORIZONTAL CLEARANCE 350.0

INSPECTION

(90) INSPECTION DATE 12/21 (91) FREQUENCY 24
 (92) CRITICAL FEATURE INSPECTION (93) CFI DATE
 A) FRACTURE CRIT DETAIL 24 A) 12/21
 B) UNDERWATER INSP 60 B) 06/21
 C) OTHER SPECIAL INSP C)
 SCOUR

Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note Below					STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
												Reference Feature	Minimum Vertical Underclearance	Righth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade				
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
8	SR1300	31013000	39.3	0.0	0		19	2	100	2010	61.5	H	39.0	7.8	36.8	4		2	<input type="checkbox"/>	<input type="checkbox"/>
13	US76E/US17N	22000002	19.1	0.0			12	2			27.0	H	18.8	2.0	1.0	3		1	<input type="checkbox"/>	<input type="checkbox"/>
18	US76E/US17N/US421S	22000002	16.0	0.0			12	2			27.0	H	16.0	2.0	1.0	3		1	<input type="checkbox"/>	<input type="checkbox"/>
18	US76W/US17S/US421N	22000004	16.0	0.0			12	2			27.0	H	16.0	2.0	1.0	3		1	<input type="checkbox"/>	<input type="checkbox"/>
22	DELETED	51000000	26.2	0.0	0		19	2	100	2010	69.0	H		12.7	99.9	3		2	<input type="checkbox"/>	<input type="checkbox"/>
23	US76W/US17S	22000004	99.0	0.0	0		12	2	100	2015	33.0	H	19.6	8.0	1.0	3		1	<input type="checkbox"/>	<input type="checkbox"/>
24	QUEEN STREET [BENT 22]	55000004	26.2	0.0			19	2			69.0	H	25.8	12.7	22.8	9		2	<input type="checkbox"/>	<input type="checkbox"/>
25	SURRY STREET	51000000	33.8	0.0	0		19	2	100	2010	35.8	H	33.4	1.4	1.4	3		2	<input type="checkbox"/>	<input type="checkbox"/>
26	QUEEN STREET [BENT 23]	55000004	24.1	0.0			19	2			37.4	H	23.9	1.4	1.4	3		2	<input type="checkbox"/>	<input type="checkbox"/>
31	FRONT STREET	51000000	17.5	0.0	0	0	17	3	12500	2019	63.2	H	16.3	1.8	8.0	3		2	<input type="checkbox"/>	<input type="checkbox"/>
31	DELETED	51000000	17.5	0.0	1	51000	16	1	12000	2018		H	16.3	15.8	99.9	6		1	<input type="checkbox"/>	<input type="checkbox"/>
31	DELETED	51000001	17.5	0.0	0	0	17	3	12500	2019	57.0	H	16.3	15.8	99.9	7		1	<input type="checkbox"/>	<input type="checkbox"/>
31	DELETED	51000001	17.6	0.0	1	51000	16	2	1200	2015	68.8	H	16.3	15.8	99.9	6		1	<input type="checkbox"/>	<input type="checkbox"/>

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

Superstructure Build Details

Span Number 1

Span Length 69.9600

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4303	Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	3778	Square Feet		
1	Steel Rail	Metal Bridge Railing	70	Feet	Unknown	70
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	140	Feet		
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
1	Compression Seal	Compression Joint Seal	54	Feet		

Span Number 2

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
1	Compression Seal	Compression Joint Seal	54	Feet		
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
2	Concrete and Metal Railing	Other Bridge Railing	136	Feet		

Span Number 3

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	54	Feet		

Superstructure Build Details

9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
2	Concrete and Metal Railing	Other Bridge Railing	136	Feet		
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		

Span Number 4

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
1	Compression Seal	Compression Joint Seal	54	Feet		
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
2	Concrete and Metal Railing	Other Bridge Railing	136	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		

Span Number 5

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182 Square Feet		
9	Movable Bearing	Movable Bearing	9 Each	Galvanized Protective System	9
2	Concrete and Metal Railing	Other Bridge Railing	136 Feet		

Superstructure Build Details

1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
1	Compression Seal	Compression Joint Seal	54	Feet		
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9

Span Number 6

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
2	Concrete and Metal Railing	Other Bridge Railing	136	Feet		
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
1	Compression Seal	Compression Joint Seal	54	Feet		
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		

Span Number 7

Span Length 60.5000

Skew 0.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Compression Seal	Compression Joint Seal	54	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3721	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	122	Feet		
9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
1	Epoxy Wearing Surface	Wearing Surface	3267	Square Feet		
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	540	Feet		
1	Steel Rail	Metal Bridge Railing	61	Feet	Unknown	61

Superstructure Build Details

9	Fixed Bearing	Fixed Bearing	9 Each	Galvanized Protective System	9
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Span Number 8

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
9	Fixed Bearing	Fixed Bearing	9 Each	Galvanized Protective System	9
1	Epoxy Wearing Surface	Wearing Surface	3672 Square Feet		
9	Movable Bearing	Movable Bearing	9 Each	Galvanized Protective System	9
1	Steel Rail	Metal Bridge Railing	68 Feet	Unknown	68
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182 Square Feet		
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612 Feet		
1	Compression Seal	Compression Joint Seal	54 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	136 Feet		

Span Number 9

Span Length 60.5000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	540 Feet		
9	Fixed Bearing	Fixed Bearing	9 Each	Galvanized Protective System	9
1	Steel Rail	Metal Bridge Railing	61 Feet	Unknown	61
9	Movable Bearing	Movable Bearing	9 Each	Galvanized Protective System	9
1	Epoxy Wearing Surface	Wearing Surface	3267 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3721 Square Feet		
1	Compression Seal	Compression Joint Seal	54 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	122 Feet		

Span Number 10

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
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Superstructure Build Details

9	Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	136	Feet		
1	Compression Seal	Compression Joint Seal	54	Feet		
1	Epoxy Wearing Surface	Wearing Surface	3672	Square Feet		
9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
1	Steel Rail	Metal Bridge Railing	68	Feet	Unknown	68
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		

Span Number 11

Span Length 68.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Steel Rail	Metal Bridge Railing	68 Feet	Unknown	68
9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612 Feet		
9	Fixed Bearing	Fixed Bearing	9 Each	Galvanized Protective System	9
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4182 Square Feet		
1	Compression Seal	Compression Joint Seal	54 Feet		
9	Movable Bearing	Movable Bearing	9 Each	Galvanized Protective System	9
2	Concrete and Metal Railing	Other Bridge Railing	136 Feet		
1	Epoxy Wearing Surface	Wearing Surface	3672 Square Feet		

Span Number 12

Span Length 99.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Epoxy Wearing Surface	Wearing Surface	5346 Square Feet		
1	Compression Seal	Compression Joint Seal	54 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	6089 Square Feet		

Superstructure Build Details

2	Concrete and Metal Railing	Other Bridge Railing	198 Feet		
1	Steel Rail	Metal Bridge Railing	99 Feet	Unknown	99
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	40
8	Rocker Bearing	Movable Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	56
8	Plate Girder	Steel Open Girder/Beam	776 Feet	Legacy Non Lead Primer System with various Topcoats	10864

Span Number 13

Span Length 124.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	48
1	Steel Rail	Metal Bridge Railing	124 Feet	Unknown	124
1	Compression Seal	Compression Joint Seal	54 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7626 Square Feet		
8	Plate Girder	Steel Open Girder/Beam	2952 Feet	Legacy Non Lead Primer System with various Topcoats	44280
24	Rocker Bearing	Movable Bearing	24 Each	Legacy Non Lead Primer System with various Topcoats	192
1	Epoxy Wearing Surface	Wearing Surface	6696 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	248 Feet		

Span Number 14

Span Length 123.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Steel Rail	Metal Bridge Railing	123 Feet	Unknown	123
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7565 Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	6642 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	246 Feet		

Span Number 15

Span Length 124.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
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Superstructure Build Details

1	Epoxy Wearing Surface	Wearing Surface	6696 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7626 Square Feet		
1	Steel Rail	Metal Bridge Railing	124 Feet	Unknown	124
2	Concrete and Metal Railing	Other Bridge Railing	248 Feet		

Span Number 16

Span Length 137.2500

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	8441 Square Feet		
8	Plate Girder	Steel Open Girder/Beam	1072 Feet	Legacy Non Lead Primer System with various Topcoats	18224
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	38
1	Steel Rail	Metal Bridge Railing	138 Feet	Unknown	138
2	Concrete and Metal Railing	Other Bridge Railing	276 Feet	Unknown	60
8	Rocker Bearing	Movable Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	70
1	Finger Joint	Assembly Joint without Seal	54 Feet		
1	Epoxy Wearing Surface	Wearing Surface	7412 Square Feet		

Span Number 17

Span Length 30.7500

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1892 Square Feet		
8	W Beam Stringer	Steel Stringer	208 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	1616
3	Steel Rail	Metal Bridge Railing	93 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	542
1	Compression Seal	Compression Joint Seal	54 Feet		
1	Epoxy Wearing Surface	Wearing Surface	1660 Square Feet		
2	Steel Truss Panel	Steel Truss	62 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	24000
2	W Type Steel Floor Beam	Steel Floor Beam	124 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	2224

Superstructure Build Details

Span Number 18

Span Length 413.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
52	Steel Gusset Plate - Primary	Steel Gusset Plate	52 Each	Inorganic Zinc Pimer with Acrylic Top Coat	1470
2	Steel Truss Panel	Steel Truss	816 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	50710
13	W Type Steel Floor Beam	Steel Floor Beam	806 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	15143
1	Finger Joint	Assembly Joint without Seal	54 Feet		
1	Steel Deck with Open Grid	Steel Deck with Open Grid	24480 Square Feet	Unknown	24480
26	Steel Truss Vertical	Primary Steel Truss Member	1100 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	10360
13	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	1196 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	2392
14	W Beam Stringer	Steel Stringer	5880 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	31566
24	Steel Truss Bottom Chord	Primary Steel Truss Member	816 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	12960
24	Steel Truss Top Chord	Primary Steel Truss Member	840 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	12960
3	Steel Rail	Metal Bridge Railing	1239 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	5500
4	Steel Gusset Plate - Primary	Steel Gusset Plate	4 Each		
24	Steel Truss Diagonal	Primary Steel Truss Member	1328 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	12960

Span Number 19

Span Length 30.7500

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
3	Steel Rail	Metal Bridge Railing	93 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	542
1	Epoxy Wearing Surface	Wearing Surface	1660 Square Feet		
2	W Type Steel Floor Beam	Steel Floor Beam	124 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	2224
2	Steel Truss Panel	Steel Truss	62 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	24000
8	W Beam Stringer	Steel Stringer	208 Feet	Inorganic Zinc Pimer with Acrylic Top Coat	1616
1	Finger Joint	Assembly Joint without Seal	54 Feet		

Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	1892 Square Feet	
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Span Number 20 **Span Length** 137.2500 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
8	Plate Girder	Steel Open Girder/Beam	1072 Feet	Legacy Non Lead Primer System with various Topcoats	18224
8	Rocker Bearing	Movable Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	50
1	Steel Rail	Metal Bridge Railing	138 Feet	Unknown	138
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	58
1	Compression Seal	Compression Joint Seal	54 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	8441 Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	7412 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	276 Feet	Unknown	60

Span Number 21 **Span Length** 136.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	8364 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	272 Feet		
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	40
1	Steel Rail	Metal Bridge Railing	136 Feet	Unknown	136
1	Compression Seal	Compression Joint Seal	54 Feet		
8	Plate Girder	Steel Open Girder/Beam	1072 Feet	Legacy Non Lead Primer System with various Topcoats	17152
8	Rocker Bearing	Movable Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	56
1	Epoxy Wearing Surface	Wearing Surface	7344 Square Feet		

Span Number 22 **Span Length** 136.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
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Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	8364 Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	7344 Square Feet		
8	Rocker Bearing	Movable Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	56
1	Steel Rail	Metal Bridge Railing	136 Feet	Unknown	136
8	Plate Girder	Steel Open Girder/Beam	1072 Feet	Legacy Non Lead Primer System with various Topcoats	17152
1	Compression Seal	Compression Joint Seal	54 Feet		
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Non Lead Primer System with various Topcoats	40
2	Concrete and Metal Railing	Other Bridge Railing	272 Feet		

Span Number 23

Span Length 136.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	8364 Square Feet		
11	Rocker Bearing	Movable Bearing	11 Each	Legacy Non Lead Primer System with various Topcoats	77
1	Compression Seal	Compression Joint Seal	54 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	272 Feet		
1	Steel Rail	Metal Bridge Railing	136 Feet	Unknown	136
1	Epoxy Wearing Surface	Wearing Surface	7344 Square Feet		
11	Fixed Bearing	Fixed Bearing	11 Each	Legacy Non Lead Primer System with various Topcoats	55
11	Plate Girder	Steel Open Girder/Beam	1474 Feet	Legacy Non Lead Primer System with various Topcoats	23584

Span Number 24

Span Length 81.5000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	6969 Square Feet		
12	Plate Girder	Steel Open Girder/Beam	958 Feet	Legacy Non Lead Primer System with various Topcoats	10495
1	Epoxy Wearing Surface	Wearing Surface	6357 Square Feet		

Superstructure Build Details

12	Rocker Bearing	Movable Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats	48
1	Steel Rail	Metal Bridge Railing	82	Feet	Unknown	82
1	Compression Seal	Compression Joint Seal	78	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	164	Feet		
12	Fixed Bearing	Fixed Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats	36

Span Number 25

Span Length 84.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Epoxy Wearing Surface	Wearing Surface	6552	Square Feet	
2	Concrete and Metal Railing	Other Bridge Railing	168	Feet	
12	Fixed Bearing	Fixed Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats
12	Rocker Bearing	Movable Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7182	Square Feet	
1	Steel Rail	Metal Bridge Railing	84	Feet	Unknown
1	Compression Seal	Compression Joint Seal	78	Feet	
12	Plate Girder	Steel Open Girder/Beam	984	Feet	Legacy Non Lead Primer System with various Topcoats

Span Number 26

Span Length 84.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Epoxy Wearing Surface	Wearing Surface	7182	Square Feet	
1	Compression Seal	Compression Joint Seal	78	Feet	
12	Fixed Bearing	Fixed Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats
12	Rocker Bearing	Movable Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats
2	Concrete and Metal Railing	Other Bridge Railing	168	Feet	
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7182	Square Feet	

Superstructure Build Details

12	Plate Girder	Steel Open Girder/Beam	986 Feet	Legacy Non Lead Primer System with various Topcoats	11240
1	Steel Rail	Metal Bridge Railing	84 Feet	Unknown	84

Span Number 27 **Span Length** 68.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Steel Rail	Metal Bridge Railing	68 Feet	Unknown	68
15	Movable Bearing	Movable Bearing	15 Each	Galvanized Protective System	15
2	Concrete and Metal Railing	Other Bridge Railing	136 Feet		
1	Compression Seal	Compression Joint Seal	78 Feet		
15	Fixed Bearing	Fixed Bearing	15 Each	Galvanized Protective System	15
1	Epoxy Wearing Surface	Wearing Surface	5304 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5814 Square Feet		
15	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	1020 Feet		

Span Number 28 **Span Length** 68.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
17	Fixed Bearing	Fixed Bearing	17 Each	Galvanized Protective System	17
1	Steel Rail	Metal Bridge Railing	68 Feet	Unknown	68
17	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	1156 Feet		
1	Epoxy Wearing Surface	Wearing Surface	6120 Square Feet		
1	Compression Seal	Compression Joint Seal	90 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	6643 Square Feet		
17	Movable Bearing	Movable Bearing	17 Each	Galvanized Protective System	17
2	Concrete and Metal Railing	Other Bridge Railing	136 Feet		

Span Number 29 **Span Length** 77.5000 **Skew** 90.0000

Superstructure Build Details

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
12	Rocker Bearing	Movable Bearing	12 Each	Galvanized Protective System	48
1	Compression Seal	Compression Joint Seal	132 Feet		
12	Fixed Bearing	Fixed Bearing	12 Each	Galvanized Protective System	48
1	Steel Rail	Metal Bridge Railing	78 Feet	Unknown	78
1	Reinforced Concrete Deck	Reinforced Concrete Deck	6427 Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	10230 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	156 Feet		
12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	924 Feet		

Span Number 30

Span Length 77.5000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5722 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	156 Feet		
1	Compression Seal	Compression Joint Seal	70 Feet		
11	Rocker Bearing	Movable Bearing	11 Each	Galvanized Protective System	44
1	Epoxy Wearing Surface	Wearing Surface	5425 Square Feet		
1	Steel Rail	Metal Bridge Railing	78 Feet	Unknown	78
11	Fixed Bearing	Fixed Bearing	11 Each	Galvanized Protective System	44
11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	847 Feet		

Span Number 31

Span Length 95.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7014 Square Feet		
1	Compression Seal	Compression Joint Seal	76 Feet		

Superstructure Build Details

1	Epoxy Wearing Surface	Wearing Surface	7220 Square Feet		
12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	1140 Feet		
1	Steel Rail	Metal Bridge Railing	95 Feet	Unknown	95
12	Fixed Bearing	Fixed Bearing	12 Each	Galvanized Protective System	48
2	Concrete and Metal Railing	Other Bridge Railing	190 Feet		
12	Rocker Bearing	Movable Bearing	12 Each	Galvanized Protective System	48

Span Number 32

Span Length 42.4000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
12	Fixed Bearing	Fixed Bearing	12 Each	Galvanized Protective System	15
12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	492 Feet		
10	Movable Bearing	Movable Bearing	10 Each	Galvanized Protective System	10
1	Epoxy Wearing Surface	Wearing Surface	3130 Square Feet		
2	Rocker Bearing	Movable Bearing	2 Each	Galvanized Protective System	5
1	Steel Rail	Metal Bridge Railing	43 Feet	Unknown	43
2	Compression Seal	Compression Joint Seal	152 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	86 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3131 Square Feet		

Span Number 33

Span Length 60.0000

Skew 0.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1770 Square Feet		
5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	300 Feet		
1	Epoxy Wearing Surface	Wearing Surface	1440 Square Feet		
5	Movable Bearing	Movable Bearing	5 Each	Galvanized Protective System	5

Superstructure Build Details

2	Concrete and Metal Railing	Other Bridge Railing	120 Feet		
5	Fixed Bearing	Fixed Bearing	5 Each	Galvanized Protective System	5

Span Number 34

Span Length 60.0000

Skew 0.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
5	Fixed Bearing	Fixed Bearing	5 Each	Galvanized Protective System	5
5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	300 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1770 Square Feet		
5	Movable Bearing	Movable Bearing	5 Each	Galvanized Protective System	5
1	Epoxy Wearing Surface	Wearing Surface	1440 Square Feet		
1	Compression Seal	Compression Joint Seal	24 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	120 Feet		

Span Number 35

Span Length 61.9600

Skew 0.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
5	Fixed Bearing	Fixed Bearing	5 Each	Galvanized Protective System	5
2	Compression Seal	Compression Joint Seal	48 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	124 Feet		
5	Movable Bearing	Movable Bearing	5 Each	Galvanized Protective System	5
1	Epoxy Wearing Surface	Wearing Surface	1487 Square Feet		
5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	300 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1828 Square Feet		

Structure Element Scoring

Structure Number: **640013**

Inspection Date **12/20/202**
1

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	181317	170962	10232	123	0
28	0	Steel Deck with Open Grid	Deck	24480	24413	66	0	1
107	0	Steel Open Girder/Beam	Beam	12418	10089	2321	7	1
515	107	Steel Protective Coating	Beam	182003	179665	2322	0	16
109	0	Prestressed Concrete Open Girder/Beam	Beam	13067	12276	759	32	0
113	0	Steel Stringer	Stringers	6296	5722	349	221	4
515	113	Steel Protective Coating	Stringers	34798	34728	0	0	70
120	0	Steel Truss	Truss	940	903	9	28	0
515	120	Steel Protective Coating	Truss	98710	98669	0	0	41
152	0	Steel Floor Beam	Floor Beams	1054	293	599	138	24
515	152	Steel Protective Coating	Floor Beams	19591	19242	120	0	229
162	0	Steel Gusset Plate	Gusset Plate	56	21	13	17	5
515	162	Steel Protective Coating	Gusset Plate	1470	1435	0	0	35
205	0	Reinforced Concrete Column	Piles and Columns	78	50	12	16	0
215	0	Reinforced Concrete Abutment	Abutments	243	171	66	6	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	268	0	216	52	0
225	0	Steel Pile	Piles and Columns	26	26	0	0	0
231	0	Steel Pier Cap	Caps	210	208	2	0	0
515	231	Steel Protective Coating	Caps	4720	4718	0	0	2
234	0	Reinforced Concrete Pier Cap	Caps	2131	1514	460	157	0
302	0	Compression Joint Seal	Expansion Joints	1876	1717	19	19	121
305	0	Assembly Joint without Seal	Expansion Joints	162	58	74	30	0
311	0	Movable Bearing	Bearing Device	304	94	203	7	0
515	311	Steel Protective Coating	Bearing Device	1002	780	209	0	13
313	0	Fixed Bearing	Bearing Device	288	77	209	2	0
515	313	Steel Protective Coating	Bearing Device	728	506	199	0	23
330	0	Metal Bridge Railing	Bridge Rail	3995	3787	208	0	0
515	330	Steel Protective Coating	Bridge Rail	9154	9054	0	0	100
333	0	Other Bridge Railing	Bridge Rail	5504	5476	22	6	0
515	333	Steel Protective Coating	Bridge Rail	120	120	0	0	0
510	0	Wearing Surface	Wearing Surfaces	167131	167125	0	1	5

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **640013**

Inspection Date: **12/20/2021**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2060 Square Feet
3326	Reinforced Concrete Deck	Efflorescence/Rust Staining	1 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	129 Square Feet
3330	Steel Deck with Open Grid	Connection	65 Square Feet
3314	Steel Open Girder/Beam	Corrosion	34 Feet
3314	Steel Open Girder/Beam	Connection	3 Feet
3306	Prestressed Concrete Open Girder/Bear	Exposed Rebar	9 Feet
3306	Prestressed Concrete Open Girder/Bear	Damage	2 Feet
3306	Prestressed Concrete Open Girder/Bear	Delamination/Spall	29 Feet
3306	Prestressed Concrete Open Girder/Bear	Cracking (PSC)	19 Feet
3306	Prestressed Concrete Open Girder/Bear	Patched Area	10 Feet
3314	Steel Stringer	Connection	9 Feet
3314	Steel Stringer	Corrosion	193 Feet
3314	Steel Stringer	Cracking	22 Feet
3314	Steel Truss	Cracking	6 Feet
3314	Steel Truss	Damage	1 Feet
3314	Steel Floor Beam	Corrosion	125 Feet
3314	Steel Floor Beam	Connection	9 Feet
3314	Steel Gusset Plate	Distortion	2 Each
3314	Steel Gusset Plate	Connection	3 Each
3314	Steel Gusset Plate	Corrosion	9 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	22635 Each
3348	Reinforced Concrete Column	Patched Area	1 Each
3348	Reinforced Concrete Column	Efflorescence/Rust Staining	2471 Each
3348	Reinforced Concrete Column	Delamination/Spall	3 Each
3350	Reinforced Concrete Abutment	Efflorescence/Rust Staining	2 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	2 Feet
3350	Reinforced Concrete Abutment	Exposed Rebar	1 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	1 Feet
3348	Reinforced Concrete Pile Cap/Footing	Cracking (RC and Other)	141 Feet
3348	Reinforced Concrete Pile Cap/Footing	Damage	553 Feet
3348	Reinforced Concrete Pile Cap/Footing	Abrasion/Wear (PSC/RC)	59 Feet
3348	Reinforced Concrete Pile Cap/Footing	Delamination/Spall	5 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	5080 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	610 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	16 Feet
3310	Compression Joint Seal	Adjacent Deck or Header	43 Feet
3310	Compression Joint Seal	Seal Damage	7 Feet
3310	Compression Joint Seal	Seal Adhesion	85 Feet
3308	Assembly Joint without Seal	Adjacent Deck or Header	30 Feet
3334	Movable Bearing	Loss of Bearing Area	8 Each
3334	Movable Bearing	Corrosion	4 Each
3334	Movable Bearing	Connection	3 Each

Structure Number: **640013**Inspection Date: **12/20/2021**

3334	Fixed Bearing	Corrosion	2 Each
3322	Metal Bridge Railing	Damage	130 Feet
3318	Other Bridge Railing	Connection	4 Feet
3318	Other Bridge Railing	Corrosion	1 Feet
3318	Other Bridge Railing	Delamination/Spall	2 Feet
3318	Other Bridge Railing	Damage	4 Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	5 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	1 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	3440 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	2 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	22 Square Feet
3314	Primary Steel Truss Member	Corrosion	19 Feet
3314	Primary Steel Truss Member	Connection	3 Feet
3314	Secondary Steel Truss Member	Corrosion	6 Feet
3314	Secondary Steel Truss Member	Damage	15 Feet

Element Structure Maintenance Quantities

Structure Number: **640013**

Inspection Date **12/20/2021**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	6	243	0	6	66	171
Beam	3306	Maintenance Concrete Superstructure Components	69	13067	0	32	759	12276
Beam	3314	Maintenance Steel Superstructure Components	37	12418	1	7	2321	10089
Beam	3342	Clean and Paint Steel	2380	182003	16	0	2322	179665
Bearing Device	3334	Bridge Bearing	17	592	0	9	412	171
Bearing Device	3342	Clean and Paint Steel	442	26210	37	0	408	25765
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	11	5504	0	6	22	5476
Bridge Rail	3322	Maintenance of Steel Bridge Rail	130	3995	0	0	208	3787
Bridge Rail	3342	Clean and Paint Steel	100	9274	100	0	0	9174
Caps	3342	Clean and Paint Steel	2	4720	2	0	0	4718
Caps	3348	Maintenance of Concrete Substructure	5706	2131	0	157	460	1514
Caps	3354	Maintenance of Steel Substructure Components	0	210	0	0	2	208
Deck	3326	Maintenance of Concrete Deck	2190	181317	0	123	10232	170962
Deck	3330	Maintenance of Open Grid Steel Floor	65	24480	1	0	66	24413
Expansion Joints	3308	Maintenance of Steel Plate Joints	30	162	0	30	74	58
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	135	1876	121	19	19	1717
Floor Beams	3314	Maintenance Steel Superstructure Components	134	1054	24	138	599	293
Floor Beams	3342	Clean and Paint Steel	341	19591	229	0	120	19242
Footing	3348	Maintenance of Concrete Substructure	758	268	0	52	216	0
Gusset Plate	3314	Maintenance Steel Superstructure Components	14	56	5	17	13	21
Gusset Plate	3342	Clean and Paint Steel	32	1470	35	0	0	1435
Piles and Columns	3348	Maintenance of Concrete Substructure	25110	78	0	16	12	50
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	26	0	0	0	26
Stringers	3314	Maintenance Steel Superstructure Components	224	6296	4	221	349	5722
Stringers	3342	Clean and Paint Steel	70	34798	70	0	0	34728
Truss	3314	Maintenance Steel Superstructure Components	7	940	0	28	9	903
Truss	3342	Clean and Paint Steel	41	98710	41	0	0	98669
Wearing Surfaces	2816	Asphalt Surface Repair	6	167131	5	1	0	167125

Priority Actions Request

Structure Number 640013

Span2

3306 Beam 2 Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 2 Beam 2: [PROMPT ACTION REQUEST] 14" section of 2 areas of exposed rebar in the bottom face at bent 2 up to (6" x 2")

Span3

3306 Beam 5 Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 3 Beam 5: [PROMPT ACTION REQUEST] GIRDER END AT BENT 3, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 8" X 10" X UP TO 1" DEEP]
1	Delamination/Spall	1	Span 3 Beam 5: [PROMPT ACTION REQUEST] (6" x 2" x 1/4") spall with exposed rebar in the bottom right chamfer at bent 3

Span5

3326 Deck Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 5 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 4, TWO SPALLS (18" LONG x 3" WIDE x 1.5" DEEP AT 8' FROM RIGHT CURB) & (8" LONG x 2" WIDE x 3" DEEP AT 2' FROM CENTERLINE)

Span7

3326 Deck Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 7 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 6, SPALL (24" LONG x 4" WIDE x 1.5" DEEP AT 10' FROM RIGHT CURB)

Span8

3326 Deck Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 8 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 7, SPALL (36" LONG x 3" WIDE x 1.5" DEEP AT 4' FROM RIGHT CURB)

3306 Beam 1 Prestressed Concrete Girder

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

Priority Actions Request

Structure Number **640013**

Priority Level	Defect Type	Quantity	Defect Description
1	Exposed Rebar	2	Span 8 Beam 1: [PROMPT ACTION REQUEST] (16" x 1") area of exposed rebar in the top left chamfer at bent 8

Span10

3306 **Beam 1** Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
1	Exposed Rebar	2	Span 10 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top left chamfer at bent 10 (24" x 1").

Span16

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

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 16 Right Bridge Rail: [PROMPT ACTION REQUEST] AT THE PARKING AREA, THE TOP RAIL AT THE WEST END HAS CORROSION HOLES IN THE TOP AND SIDE AT THE CORNER UP TO 5" WIDE X 4" LONG IN THE TOP AND UP TO 3" DIAMETER ON THE SIDES

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 16 Beam 1: PRIORITY MAINTENANCE - Bracket 2 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut on the bottom plate on the east face and up to 100% section loss on (x2) nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the west face; section loss in the web (9" x 4") by up to (1/16") into the web on both sides of the bracket (PROMPT ACTION REQUEST)
2	Corrosion	0	Span 16 Beam 1: [PROMPT ACTION REQUEST] BRACE BEAM 2 AT STRINGER 3 AT THE WESTBOUND PARKING AREA ON THE TOP FLANGE, SECTION LOSS [AVERAGE 1/2" REMAINING] IN A 2" X 2" AREA ON BOTH SIDES OF THE FLANGE.

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 16 Beam 4: [PROMPT ACTION REQUEST] 5/16" section loss on end diaphragm gusset in the right web at bent 15 due to previous rust. (3" x 3") with (1/16") remaining, section loss on 3 nuts up to 60%. area has been cleaned and repainted. section loss in more than 25% of the gusset plate thickness

3314 **Beam 5** Plate Girder

Priority Actions Request

Structure Number **640013**

Priority Level	Defect Type	Quantity	Defect Description
①	Corrosion	1	Span 16 Beam 5: [PROMPT ACTION REQUEST] - bottom left web stiffener and platform connection at bent 15: up to 100% section loss on platform nut on the bottom flange; active corrosion on the stiffener, web, flange and diaphragm gusset with no measurable section loss

3314 Beam 8 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	1	Span 16 Beam 8: [PROMPT ACTION REQUEST] Brace Beam 1 at EB Parking Area angle at bottom of railing, section loss on plate up to (1/16") into the angle and 100% section loss on (x2) nuts

Span17

3314 WEST TOWER NORTH Steel Truss Panel

Priority Level	Defect Type	Quantity	Defect Description
②	Cracking	1	Span 17 WEST TOWER NORTH: [PROMPT ACTION REQUEST] WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.

3314 WEST TOWER SOUTH Steel Truss Panel

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	1	[PROMPT ACTION REQUEST] Span 17 WEST TOWER SOUTH: IN BOTTOM OF FIRST HORIZONTAL AT SOUTHEAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.

Span 18

3314 Near Bearing Fixed Bearing

Priority Level	Defect Type	Quantity	Defect Description
②	Connection	1	Span 18 Lift Span Stringer 2: ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.
②	Corrosion	1	Span 18 Lift Span Floor Beam 10: OBSERVED IN 2020 INSP: VERTICAL STIFFENER 11 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1-1/2" DIAMETER HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA, PAR ISSUED.
②	Corrosion	4	Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .625" WITH .683" REMAINING BOTTOM EAST FLANGE 4' LONG X 3.25" WIDE OVER OLD ANCHOR POINT BEGINNING 2' LEFT OF NORTHEAST BEARING. PAINT HAS FAILED. (PAR)
②	Corrosion	17	Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .680" WITH .628" REMAINING BOTTOM EAST FLANGE 17' LONG X UP TO 5-1/2" WIDE BETWEEN LEFT LOCK AND CENTERLINE SUPPORT PEDESTAL. (PAR)
②	Corrosion	1	Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 0-1 INTERMEDIATE

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

Priority Actions Request

Structure Number **640013**

			DIAPHRAGM CONNECTOR PLATE CORROSION HOLE 5" X 1.5"
2	Corrosion	1	Span 18 Lift Span Stringer 4: BETWEEN FB's 3 & 4 - (2) 1/2" HOLES WIDE/ 6"LONG x 4"WIDE PITTED AREA ON NORTH SIDE OF TOP FLANGE AT 3' FROM FROM FB 4 CONNECTION - AREA CLEANED AND PAINTED, PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 13: (PAR) BETWEEN FB's 2-3 - 1 1/4" LONG CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION ON SOUTH SIDE.
2	Connection	1	Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST
2	Connection	1	Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 4-5 THIRD DIAPHRAGM LOOSE BOLTS WITH MISSING HEADS ON CONNECTOR PLATE.
2	Connection	1	Span 18 Lift Span Stringer 3: BETWEEN FB 7-8, TOP BOLT HAS SHEARED AT SOUTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.
2	Connection	1	Span 18 Lift Span Stringer 3: ONE BOLT MISSING ON THE SOUTH SIDE OF STRINGER CONNECTION TO FLOOR BEAM 1, PAR ISSUED.
2	Connection	1	Span 18 Lift Span Stringer 4: BETWEEN FB 6-7, CONNECTION TO FB 7, TOP BOLT AT NORTH SIDE OF STRINGER IS SHEARED, PAR ISSUED.
2	Connection	1	Span 18 Lift Span Stringer 4: BETWEEN FB 7-8, TOP (2) BOLTS HAVE SHEARED AT NORTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.
2	Connection	1	Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST
2	Corrosion	1	Span 18 Lift Span Floor Beam 10: (PAR) VERTICAL STIFFENER 12 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA
2	Corrosion	1	Span 18 Lift Span Floor Beam 10: VERTICAL STIFFENER 12 WEST SIDE - 2"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PROMPT ACTION REQUEST
2	Corrosion	1	Span 18 Lift Span Floor Beam 11: VERTICAL STIFFENER 12 WEST - PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM UP TO 3"HIGH WIDE/ 2"LONG x 1/2"HIGH HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1/2" OF AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST
2	Corrosion	4	Span 18 Lift Span Floor Beam 12: (PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.
2	Corrosion	1	Span 18 Lift Span Floor Beam 12: 1" HOLE IN WEB AT BOTTOM FLANGE BETWEEN STRINGERS 4 & 5 - PROMPT ACTION REQUEST
2	Corrosion	34	Span 18 Lift Span Stringer 2: (PAR) BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.
2	Cracking	1	[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS BOTTOM OF DIAPHRAGM CONNECTION
2	Cracking	1	[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB'S 1- 2 - 1-1/2" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION
2	Cracking	1	Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - (2) CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - (1) 1/8" AND (1) 1/4" - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 11: BETWEEN FB's 4-5 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP:, AREA HAS BEEN PAINTED OVER, NO CHANGE, PROPAGATED CRACK STILL VISIBLE. PAR ISSUED. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACKS PROPAGATED UP TO 3/16" PAST EAST AND WEST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED
2	Cracking	1	Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP; BETWEEN FB's 9-10 - (1) 1/2"LONG CRACK PROPAGATING PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, PAR ISSUED.

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2	Cracking	1	Span 18 Lift Span Stringer 12: LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 13: LONGITUDINAL CRACK, 1/4" LONG IN THE TOP OF THE WEB AT THE WELD AT FB 12, PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 3: BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 4: BETWEEN FB's 7-8 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 5: BETWEEN FB's 9-10 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 6: BETWEEN FB's 8-9 - 1/2" LONG CRACK AT BOTTOM OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 7: BETWEEN FB's 5-6 - 1" CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION - SOUTH SIDE - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK PROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 6-7 - (1) CRACK PROPAGATED UP TO 1/4" PAST EAST ARREST HOLE, PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 8: BETWEEN FB's 11-12 - CRACK PROPAGATED 1/4" PAST EAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 8: BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST
2	Cracking	1	Span 18 Lift Span Stringer 8: LONGITUDINAL CRACK, 1/2" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.
2	Cracking	1	Span 18 Lift Span Stringer 9: LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.
2	Cracking	0	Span 18 Lift Span Stringer 11: (PAR) BETWEEN FB's 10-11 - TOTAL OF (5) 1/16" TO 1/8" CRACKS PROPAGATING PAST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION
2	Cracking	0	Span 18 Lift Span Stringer 12: (PAR) BETWEEN FB's 0-1 - CRACK EXTENDING 3" PAST ARRESTING HOLE IN COPING AT FB 0 CONNECTION

3314 **Truss Panel 1** Steel Truss Panel

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 18 Lift Span L0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.
2	Connection	1	Span 18 Lift Span U12 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE BOTTOM PLATE 20 MISSING BOLTS WITH CORROSION AT BOLT HOLES.
2	Corrosion	1	Span 18 Lift Span L10 NORTH: BOTTOM LATERAL GUSSET AT L10 NORTH- 1" WIDE X 4" LONG AREA ON EAST SIDE AT BOTTOM CHORD HAS 1/4" SECTION LOSS WITH 1/4" REMAINING, PAR ISSUED.
2	Corrosion	1	Span 18 Lift Span L10L11 NORTH: OBSERVED IN 2020 INSP: BOTTOM OF CHORD AT L10 - 4"LONG x 12"WIDE PITTED AREA UP TO 1/4"DEEP (APPROX. 3/16" REMAINING SECTION) WIDE/ 1-1/2"LONG x 3/16"WIDE HOLE AND 1-1/2"LONG CRACK PROPAGATING FROM WEST SIDE OF HOLE, PAR ISSUED.
2	Corrosion	2	Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: 2"WIDE SECTION AROUND BOTTOM PORTAL AT L12 REDUCED TO 1/16" WIDE/ 100% LOSS TO 1" AREAS AT EDGE - ACTIVE CORROSION PRESENT, PAR ISSUED.
2	Corrosion	5	Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: PITTED AREAS UP TO 2" IN DIAMETER x 1/4"DEEP SCATTERED THROUGHOUT TOP OF CHORD - ACTIVE CORROSION PRESENT IN SOME OF THESE AREAS, PAR ISSUED.

Priority Actions Request

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②	Corrosion	0	Span 18 Lift Span U0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE TOP OF BOTTOM PLATE AND INTERNAL BRACING HAS RUST SCALE AND 1" DIAMETER CORROSION HOLE IN INTERNAL BRACING.
②	Distortion	1	Span 18 Lift Span Truss Panel 1 - U3 NORTH: TOP GUSSET PLATE: OUT OF PLANE BENDING 1/2" DUE PACK RUST WITH 1/8" LOSS OF SECTION AND 1/4" REMAINING ALONG PLATE EDGES. (PAR)
②	Distortion	1	Span 18 Lift Span U2 NORTH: U2 TOP GUSSET PLATE HAS 1/8" OUT OF PLANE BENDING DUE TO PACK RUST BUILD UP BETWEEN MEMBERS. (PAR)

3314 **Truss Panel 2** Steel Truss Panel

Priority Level	Defect Type	Quantity	Defect Description
②	Connection	1	Span 18 Lift Span Truss Panel 2 - L0U0 SOUTH: (2) MISSING BOLTS AT BOTTOM OF EAST GUSSET AT BEARING (PAR)
②	Connection	2	Span 18 Lift Span Truss Panel 2 - L12U12 SOUTH: 2 MISSING BOLTS AT THE BOTTOM OF THE WEST GUSSET AT BEARING. (PAR)
②	Corrosion	1	Span 18 Lift Span U0 SOUTH: (PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.
②	Connection	1	[PROMPT ACTION REQUEST] Span 18 Lift Span U8 SOUTH: EAST SIDE TOP CONNECTION TO LATERAL BRACING MISSING (1) BOLT

3314 **LB0** Steel Truss Portal/Cross Bracing Assembly

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	3	Span 18 Lift Span LB0: [PROMPT ACTION REQUEST] (3) ROD GUIDE PLATES HAVE LOSS OF SECTION UP TO .296" WITH .347" REMAINING ALONG BOTTOM 5" AT LIFT BEAM.

3314 **LB12** Steel Truss Portal/Cross Bracing Assembly

Priority Level	Defect Type	Quantity	Defect Description
②	Corrosion	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFENER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGES ALONG BOTTOM 4" HIGH.
②	Corrosion	0	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES HAVE LOSS OF SECTION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.
②	Corrosion	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 2ND STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.
②	Corrosion	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 3RD STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.

Span19

3314 **EAST TOWER NORTH** Steel Truss Panel

Priority Level	Defect Type	Quantity	Defect Description
②	Cracking	2	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM WEST CORNER 14" LONG - LOCATED 6' FROM NORTHWEST TOWER LEG (PAR)

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

Priority Actions Request

Structure Number **640013**

2	Cracking	1	Span 19 EAST TOWER NORTH: CRACK - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR)
2	Damage	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3' LONG SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NORTHWEST TOWER LEG (PAR)
2	Damage	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DEFORMATION IN TOP AND BOTTOM PLATES OF MEMBER BEGINNING AT NORTHWEST TOWER LEG AND CONTINUING SOUTH 16'. MOST SEVERE DEFORMATION IN BOTTOM PLATE AT POINT OF IMPACT (11'-3" FROM NORTHWEST TOWER LEG), WITH AREAS BENT UPWARD AND DOWNWARD UP TO 1-1/2" x 3'L (PAR)
2	Damage	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DIAGONAL CONNECTION GUSSET PLATE - 18" LONG x 8" HIGH SECTION AT BOTTOM SOUTH CORNER BENT 1/2" TO THE WEST - LOCATED AT 11'-3" FROM NORTHWEST TOWER LEG (PAR)

Span20

3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	8	Span 20 Beam 1: PRIORITY MAINTENANCE - "nailer" beam on top of stringer 3 between brace 3 and 4 on the top flange: active corrosion and section loss with (11/32") remaining for the full length and width of the top flange (PROMPT ACTION REQUEST)
2	Corrosion	2	Span 20 Beam 1: PRIORITY MAINTENANCE - Bracket 4 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on (x3) nuts on the bottom flange; up to 75% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3") by up to (1/16") into the web; section loss on the bottom of the web plate (8" x 3") by (1/16") into the plate (PROMPT ACTION REQUEST)
3314	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 20 Beam 8: brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.

Span21

3326	Deck	Reinforced Concrete Deck	
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	4	Span 21 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 18, SPALL (42" LONG x 2" WIDE x 3.5" DEEP AT 4' FROM RIGHT CURB)

Span22

3326	Deck	Reinforced Concrete Deck
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? Priority Action Request (PAR)
 1 Assigned Routine Maintenance
 2 Assigned Priority Maintenance
 3 Assigned Critical Find

Priority Actions Request

Structure Number **640013**

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 22 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)

3334 Beam 1 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 22 Beam 1 - Beam 1 Near Bearing: [PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"

3334 Beam 3 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 22 Beam 3 - Beam 3 Near Bearing: [PROMPT ACTION REQUEST] RIGHT ANCHOR BOLT LIFTED 3/4"

Span26

3314 Beam 1 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
3	Connection	1	Span 26 Beam 1: [PROMPT ACTION REQUEST] West brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place.

Span27

3306 Beam 15 Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 27 Beam 15: [PROMPT ACTION REQUEST] (3" x 3" x 1/4") spall with exposed rebar on the bottom face at 21ft from bent 24

Span28

3306 Beam 1 Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 28 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (7" x 3" x 1/2")

3306 Beam 8 Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
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? Priority Action Request (PAR) **1** Assigned Routine Maintenance **2** Assigned Priority Maintenance **3** Assigned Critical Find

Priority Actions Request

Structure Number **640013**

2	Delamination/Spall	1	Span 28 Beam 8: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1 1/2" x 1/4")
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Span31

3306 **Beam 7** Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 31 Beam 7: [PROMPT ACTION REQUEST] spall with exposed rebar on the right web at 1ft from Bent 28 (7" x 3" x 1/2")

Span32

3306 **Beam 10** Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 32 Beam 10: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at 3ft from Bent 29 (4" x 1 1/2" x 1/8")

Span35

3306 **Beam 1** Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 35 - Ramp Span Beam 1: [PROMPT ACTION REQUEST] APPROXIMATELY 18' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 5" DIAMETER X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS

3306 **Beam 5** Prestressed Concrete Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS
2	Delamination/Spall	2	Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] spall with exposed steel on the top left flange at the Ramp End Bent (13" x 1" x 1/4")

Bent 8

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Cracking (RC and	10	Bent 8 Cap 1: [PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT

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

Priority Actions Request

Structure Number 640013

ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5',
AND THE WEST APPROXIMATELY 1.5'.

Approach
Guardrail and
Barriers

3120 Approach
Guardrail and
Barriers Approach Guardrail and Barriers

Priority Level	Defect Type	Quantity	Defect Description
2		5	[PROMPT ACTION REQUEST] AT THE ABUTMENT 2 APPROACH, THE MEDIAN RAIL HAS IMPACT DAMAGE WITH FIVE BROKEN POSTS

Element Condition and Maintenance Data

Structure Number: 640013

Inspection Date: 12/20/2021

Span 1

Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,303	4,295	8	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Efflorescence/Rust Staining	bottom bay 1 at 2.5ft from End Bent 1: surface efflorescence	2	1		Square Feet
12	Efflorescence/Rust Staining	bottom bay 8: surface efflorescence	2	2		Square Feet
12	Efflorescence/Rust Staining	bottom bay 1 at Girder 1 at End Bent 1: surface efflorescence for 18" long	2	2		Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom of the left overhang at bent 1 (23" x 14" x 4 1/2")	2	3		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 54" long diagonal crack up to 0.05" wide on the deck surface in the right wheel path of the EB right lane at 5ft from End Bent 1	1			Square Feet
12	Damage	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> 39" x 38" area of concrete spill on the deck surface in the right EB lane at 20ft from End Bent 1 and 5ft from the right curb	1	11		Square Feet

General Comments

Span 1

Beam 1 Near Bearing

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	Active corrosion and 100% section loss on the left anchor rod nut (up to 50% section loss on the right nut) section loss on the masonry plate at the front left corner up to (3/16") into the plate into the top of the plate (3" wide x 2 1/2" long	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 1

Beam 1 Far Bearing

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	
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Inspection Date: 12/20/2021

General Comments

Fixed Bearing

General Comments

Movable Bearing

General Comments

Fixed Bearing

General Comments

Beam 3 Far 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	Up to 50% section loss on the left anchor rod nut	3	1	1	Each
311	Loss of Bearing Area	Up to (3/4") movement of bearing to east beyond masonry plate with 13% loss in bearing	3		1	Each
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2			Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet
General Comments						

Beam 4 Near 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	Active corrosion and up to 100% section loss on right anchor rod nut (up to 75% section loss on left nut), section loss up to (1/16") into the top of the plate at the front right corner (3 1/2" wide x 2" long) (front left corner of plate similar)	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet
General Comments						

Beam 4 Far Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
311	Loss of Bearing Area	Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing	2		1 Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 1**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	spall with exposed rebar on the bottom face at mid span (6" x 5" x 1/8")	2	1	1 Feet
General Comments					

Span 1**Beam 5 Near Bearing****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	Active corrosion and greater than 75% section loss on right anchor rod nut (50% section loss on left nut), section loss up to (1/4") into the top of the plate at the front right corner (3 1/2" wide x 2 1/4" long)	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 1**Beam 5 Far Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
311	Loss of Bearing Area	Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing	2		1 Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 1**Beam 6 Near Bearing****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	Corrosion and scale with no measureable section loss on the plate, left anchor rod and nut	2		Each

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313	Corrosion	OBSERVED in 2020 insp: - active corrosion and up to 75% section loss on right anchor rod nut,	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 1 Beam 6 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 1 Beam 7

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	spall with exposed rebar on the bottom face at 28ft from bent 1 (7 1/2" x 4 1/2" x 1/8")	3	1	1	Feet
General Comments						

Span 1 Beam 7 Near Bearing

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	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing and corrosion of the steel has initiated	4	1	1 Square Feet
General Comments					

Span 1 Beam 7 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
311	Loss of Bearing Area	Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss of bearing	2		1 Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 1 Beam 8 Near Bearing 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	Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing and corrosion of the steel has initiated	4	1	1 Square Feet
General Comments					

Span 1 Beam 8 Far Bearing Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 1 Beam 9 Near Bearing 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	Active corrosion and greater than 75% section loss on the right anchor rod nut	2	1	Each
313	Corrosion	corrosion and scale with no measureable section loss on the left anchor rod, nut and plate	2		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Beam 9 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Loss of Bearing Area	up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing	3	1	1	Each
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Joint at Abutment 1

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	54	18	0	0	36	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
302	Adjacent Deck or Header	SCATTERED ALONG THE LENGTH OF THE ADJACENT DECK HEADERS IN THE RIGHT AN LEFT LANES, SPALLING WITH LOSS OF THE HEADER CONCRETE [UP TO 3" DEEP X 5" LONG] WITH LOSS OF ADHESION IN THE AFFECTED AREAS. THE BALANCE OF THE JOINT HEADERS HAVE SCATTERED MAP CRACKING TO 1/4" WIDE.	4	36	36	Feet	
General Comments							

Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,182	4,178	4	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar in the right overhang under light pole (27" x 20") DELAMINATION area and (19" x 12" x 2") spall	2	4		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> transverse cracking up to 0.03" wide on the deck surface near mid span in the EB lanes	1			Square Feet
12	Damage	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 25ft x 0.5ft area of concrete spill on the deck surface in the right EB lane	1			Square Feet
General Comments						

Span 2**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	33	35	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 26ft from bent 1 (10" x 6 1/2" x 1/2")	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 11ft from bent 1 (5" x 3" x 1/4")	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22.5ft from bent 1 (10" x 6" x 1/2")	2	1	Feet
109	Exposed Rebar	spall with exposed rebar in the end diaphragm bay 1 at bent 2 east face (10" x 6" x 1/8").	2		1 Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face starting at 20.5ft from bent 1 up to (10" x 2 1/2" x 1/2")	2	30	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands at 18in and 30in from bent 2 on the bottom face (7" x 4" x 1 1/2") and (6" x 5" x 1 1/2") respectively, (x1) strand exposed at each location for (1") long (PROMPT ACTION REQUEST)	2	2	Feet

General Comments

Span 2**Beam 1 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 2**Beam 1 Far Bearing****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	OBSERVED in 2020 insp: - up to 75% section loss on the right anchor rod nut,	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet

General Comments

Span 2**Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Exposed Rebar	[PROMPT ACTION REQUEST] 14" section of 2 areas of exposed rebar in the bottom face at bent 2 up to (6" x 2")	2	2	2	Feet

General Comments

Span 2**Beam 2 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 2**Beam 2 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 2**Beam 3 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 2 Beam 3 Far Bearing**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	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Span 2 Beam 4 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Span 2 Beam 4 Far Bearing**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	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Span 2 Beam 5 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet

General Comments**Span 2 Beam 5 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 2 Beam 6 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 2 Beam 6 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 2 Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	54	13	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	spall on the bottom face at 2ft from bent 1 (16" x 2 1/2" x 2 1/2")	3	1	1 Feet

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109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 18ft from bent 1 up to (6" X 5" X 1/2")	2	3	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> 10ft section of 10 spalls with exposed rebar up to (6" x 6" x 1/2") on the bottom face starting 2ft from bent 1	2	10	Feet

General Comments

Span 2 Beam 7 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 2 Beam 7 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 2 Beam 8 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 2 Beam 8 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 2 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 2 Beam 9 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square 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	4,182	4,167	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Efflorescence/Rust Staining	8" x 8" area of surface efflorescence and hairline map cracking on the deck bottom at the left overhang at bent 2.	2	1		Square Feet
12	Delamination/Spall	RANDOM FACIAL SPALLS UP TO 2" DIAMETER X 1/4" DEEP NEAR MIDSPAN IN EAST BOUND LANES.	2	3	3	Square Feet
12	Efflorescence/Rust Staining	12" x 6" area of surface efflorescence and hairline map cracking on the deck bottom in the left overhang at bent 3	2	1		Square Feet

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12	Efflorescence/Rust Staining	36" x 20" area of surface efflorescence with hairline map cracking on the deck bottom at the right overhang at bent 2	2	5	Square Feet
12	Delamination/Spall	spall in the deck bottom bay 6 at girder 7 at 16ft from bent 2 (6" x 4" x 1" deep)	2	1	1 Square Feet
12	Efflorescence/Rust Staining	surface efflorescence on the deck bottom in bay 8 at bent 3	2	4	Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 44" transverse cracking up to (0.03") wide on the deck surface near mid span	1		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) diagonal cracking on the deck surface in the right EB lane at 5ft from both bent 2 and 3 up to (38") long and (0.03") wide	1		Square Feet
12	Damage	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> 30" x 9" area of concrete spill on the deck surface in the right EB lane	1		Square 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	68	67	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Connection	MISSING NUT AT POST 7. RAIL IS SECURE.	3	1	1 Feet

General Comments

Span 3 Beam 1 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 3 Beam 1 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 3 Beam 2**Prestressed Concrete Girder**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		68	60	8	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> area of delamination on the bottom of the girder at 1/3 point, 10" wide x 5" long with 1/8" separation.	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (8" x 6" x 1/2") spall with exposed rebar on the bottom face at mid span	2	1	Feet
109	Patched Area	(13" x 4") sound patch on the bottom face at 22ft from bent 2	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 24ft from bent 2 up to (8" x 3" x 1/2")	2	4	Feet
109	Patched Area	(14" x 4") sound patch on the bottom face at 29ft from bent 2	2	1	Feet
General Comments					

Span 3 Beam 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 3 Beam 2 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 3**Beam 3****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 31in from bent 3 (9" x 3" x 1/2")	2	1		Feet

General Comments

Span 3**Beam 3 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 3**Beam 3 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 3**Beam 4****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face at 31" from bent 3, 9" wide x 7" long	2	1		Feet

General Comments

Span 3 Beam 4 Near Bearing**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	PRIORITY MAINTENANCE - up to 50% section loss on the left anchor rod nut (PM)	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 3 Beam 4 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 3 Beam 5**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	63	4	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] GIRDER END AT BENT 3, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 8" X 10" X UP TO 1" DEEP]	3	1	1	Feet
109	Patched Area	sound patch on the bottom right face at 21" from bent 3, 10" wide x 30" long	2	3		Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] (6" x 2" x 1/4") spall with exposed rebar in the bottom right chamfer at bent 3	2	1	1	Feet

General Comments

Span 3 Beam 5 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	corrosion and scale on the left side of the bearing	2	1		Each

Inspection Date: 12/20/2021

General Comments

Fixed Bearing

General Comments

Movable Bearing

General Comments

Fixed Bearing

General Comments

Span 3 Beam 7**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Cracking (PSC)	(0.02") wide map cracking and (7" x 3") delamination area on the left face at bent 2	2	1	1 Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (13" x 5" x 3/4") spall with exposed rebar on the bottom face at 32in from bent 3	2	1	Feet

General Comments

Span 3 Beam 7 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 3 Beam 7 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 3 Beam 8 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 3 Beam 8 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 3 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	63	2	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	unsound patch on the bottom face at bent 3, 12" wide x 36" long with delamination and 1/8" separation	3	3	3	Feet
109	Patched Area	(12" x 5" x 2") sound patch with up to (0.02") wide transverse cracks in the bottom right flange at 26ft from bent 2	2	1		Feet
109	Delamination/Spall	bottom right face at bent 2: spall with no exposed steel (4" x 2 1/2" x 1/2")	2	1	1	Feet

General Comments

Span 3 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 3**Beam 9 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 4**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,182	4,155	27	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> SPALL 1" LONG X 8" WIDE X 1/2" DEEP IN LEFT EAST BOUND LANE AT BENT 4 END.	2	1		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW PATCH, OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) spall with no exposed steel on the deck surface at the center line of the EB lanes at bent 3 (5" x 4" x 1")	2	1		Square Feet
12	Cracking (RC and Other)	cracking up to (1/64") wide with efflorescence on the deck bottom on the right overhang in an area (63" x 16") at bent 4	2	7	7	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (71" x 24") unsound patch on the deck surface at bent 3 14ft from the left curb with DELAMINATION areas up to (7" x 4")	2	14		Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the left overhang at bent 4 (17" x 6" x 3")	2	1		Square Feet
12	Efflorescence/Rust Staining	20" x 18" area of surface efflorescence and hairline map cracking on the deck bottom left overhang at bent 4	2	3		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 41" diagonal cracking on the deck surface in the right EB lane at 5ft from bent 3 up to (0.03") wide	1			Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet

General Comments

Span 4**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (4" x 3" x 1/4") spall with exposed rebar on the bottom face at 13ft from bent 4	2	1		Feet

General Comments

Span 4		Beam 4				
Prestressed Concrete Girder						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	60	8	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x8) spalls with exposed rebar on the bottom face starting at 21in from bent 3 up to (7" x 4" x 1/2')	2	8	Feet
General Comments					

Span 4		Beam 5					
Prestressed Concrete Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		68	64	3	1	0 Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
109	Patched Area	unsound patch on the bottom face, 3 ft. from bent 4, 6" in diameter with 1/8" separation	3	1		1	Feet
109	Patched Area	sound patch on the bottom right at bent 4, 11" wide x 30" long	2	3			Feet
General Comments							

Span 4		Beam 1 Near Bearing					
Movable Bearing							
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Beam 1 Far 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	1	0	0	Square Feet

Element number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Beam 2 Near Bearing

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

Element number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Beam 2 Far 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	1	0	0	Square Feet

Element number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Beam 3 Far 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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 4 Beam 4 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 4 Beam 4 Far Bearing****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	Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet

General Comments**Span 4 Beam 5 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	corrosion and section loss on the left anchor rod nut up to 15%	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet

General Comments**Span 4 Beam 5 Far Bearing****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
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	corrosion and scale (8 1/2" x 7") on the left face	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 4 Beam 6 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 4 Beam 7 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 4 Beam 8 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 4

Beam 9 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 4

Joint at Bent 3

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	54	48	0	6	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Seal Damage	SCATTERED ALONG THE LENGTH, PUNCTURES UP TO 1" DIAMETER IN THE LEFT LANES AND SCATTERED LOSS OF ADHESION IN THE RIGHT.	3	6	6	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	4,182	4,143	33	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	bottom of the deck has a spall in bay 5 at mid-span, 5" long x 9" wide x 3/4" deep with exposed rebar	3	1	1	Square Feet
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGHT LANES AT BENT 4, TWO SPALLS (18" LONG x 3" WIDE x 1.5" DEEP AT 8' FROM RIGHT CURB) & (8" LONG x 2" WIDE x 3" DEEP AT 2' FROM CENTERLINE)	3	3	3	Square Feet
12	Delamination/Spall	bottom right overhang at light pole: spall, 16" wide x 24" long x 1.5" deep with exposed rebar with adjacent delaminated area, near mid-span	3	2	2	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 66" x 22" unsound patch on the deck surface at bent 4, 14ft from the left curb with a (31" x 4" x 4 1/2") spall	2	15		Square Feet
12	Patched Areas	sound patch on the deck bottom in bay 7 at 26 ft. from bent 4 (42" x 30")	2	9		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) unsound patch on the deck surface near mid span in the right EB lane (13" x 6") and a spall with exposed rebar (8" x 6" x 1")	2	3		Square Feet
12	Efflorescence/Rust Staining	3ft x 2ft surface efflorescence and hairline map cracking on the deck bottom in bay 8 at bent 4	2	6		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet

12	Damage	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 25ft x 7in concrete spill on the deck surface in the right EB lane	1	Square Feet
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General Comments

Span 5 Beam 1 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 1 Far Bearing

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 2

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	34	34	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (6" x 2" x 1/8") spall with exposed rebar on the bottom face at 24ft from bent 4	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x9) spalls with exposed rebar on the bottom face at mid span up to (12" x 2" x 1/2")	2	9		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (8" x 4" x 1/2") spall with exposed rebar on the bottom face at 14ft from bent 4	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at bent 5 up to (9" x 7" x 1")	2	3		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> multiple (x13) spalls with exposed rebar on the bottom face starting at 11ft from bent 5 up to (14" x 2" x 1/4")	2	11		Feet

109 Patched Area REPAIR observed in 2020 insp: 9 sound patches up to 16" wide x 8" long. 2018 report had (x9) spalls with exposed rebar on the bottom face starting at 6ft from bent 4 up to (9" x 3" x 1/2').

General Comments

Span 5 Beam 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 2 Far Bearing

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 3 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 4**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Cracking (PSC)	area of delamination on the bottom face, at 1/3 point, 6" in diameter with 1/8" separation	3	1	1	Feet

General Comments

Span 5 Beam 4 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 4 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 15" wide x 48" long. 2018 report had spall and delam area on the bottom right face at bent 5 (22" x 5" x 2") delam area and spall with no exposed rebar (21" x 4" x 2 1/2") with longitudinal cracking up to 0.016" wide	2	4		Feet

General Comments

Span 5**Beam 5 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 5**Beam 5 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5**Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Cracking (PSC)	area of delamination on the bottom face, at 1/3 point, 6" in diameter with 1/8" separation	3	1	1	Feet

General Comments

Span 5 Beam 6 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 6 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 7 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 5 Beam 7 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 5 Beam 8 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 5 Beam 8 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 5 Beam 9 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 5 Beam 9 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Inspection Date: 12/20/2021

General Comments

Epoxy Wearing Surface

General Comments

General Comments

Reinforced Concrete Deck

General Comments

General Comments

Prestressed Concrete Girder

General Comments

General Comments

Span 6 Beam 1 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 6 Beam 1 Far Bearing

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	Up to 50% section loss on the left anchor rod nut with surface corrosion throughout	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 6 Beam 2

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 22ft from bent 5 up to (16" x 5" x 1/2")	2	4		Feet

General Comments

Span 6 Beam 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 6 Beam 2 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 3 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 3 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 4 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 6 Beam 4 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 6 Beam 5**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	30	38	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> 36 feet of spalling with exposed rebar on the bottom face starting at 26ft from bent 5 up to (13" x 4" x 1/2")	2	36		Feet
109	Cracking (PSC)	area of delamination on the bottom face, 12 ft. from bent 5, 17" wide x 19" long with 1/8" separation	2	2	2	Feet

General Comments

Span 6 Beam 5 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 6 Beam 5 Far Bearing**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	
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	Corrosion and scale with no measureable section loss.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 6 Beam 6**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	(6" x 2" x 1/8") spall with exposed rebar on the bottom face at bent 5	2	1	1 Feet
General Comments					

Span 6 Beam 6 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 6 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 7 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 7 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 8

Prestressed Concrete Girder

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		68	63	5	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Exposed Rebar	spall on the bottom face, 20 ft. from bent 6 cap, 2" in diameter x 1/4" deep with exposed rebar	2	1	1 Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting 24.5ft from bent 5 up to (7" x 4" x 1/2")	2	4	Feet
General Comments					

Span 6 Beam 8 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 6 Beam 8 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 6 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 6 Beam 9 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 7 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,721	3,700	19	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGHT LANES AT BENT 6, SPALL (24" LONG x 4" WIDE x 1.5" DEEP AT 10' FROM RIGHT CURB)	3	2	2	Square Feet
12	Efflorescence/Rust Staining	surface efflorescence and hairline cracking in the bottom of the left overhang throughout the span	2	8		Square Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

12	Efflorescence/Rust Staining	(24" x 20") area of surface efflorescence and hairline map cracking on the deck bottom in the right overhang at bent 6	2	4	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (16" x 8") sound patch on the deck surface at bent 6, 3ft from the left curb	2	2	Square Feet
12	Efflorescence/Rust Staining	surface efflorescence with diagonal hairline cracking the deck bottom in bay 8, 5ft from bent 7	2	3	Square Feet
12	Efflorescence/Rust Staining	(18" x 16") area of surface efflorescence and hairline cracking on the deck bottom in the right overhang at bent 7	2	2	Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> 51" transverse/diagonal cracking on the deck surface in the right EB lane near bent 7 up to (0.03") wide	1		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet

General Comments

Span 7 Beam 1 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 7 Beam 1 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 7 Beam 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

Structure Number: **640013**Inspection Date: **12/20/2021**

515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 7 Beam 2 Far Bearing

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	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 7 Beam 3 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	1	0	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 7 Beam 3 Far Bearing

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	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 7 Beam 4

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	59	1	0	0 Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

Structure Number: **640013**Inspection Date: **12/20/2021**

109 Efflorescence/Rust Staining surface efflorescence with 10" hariline cracking in the right bottom flange starting the bent 7 bearing 2 1 Feet

General Comments

Span 7 Beam 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 7 Beam 4 Far Bearing

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 7 Beam 5

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	60	59	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (8" x 2" x 2" deep) spall on the bottom left face at the end of the girder at bent 7	2	1		Feet

General Comments

Span 7 Beam 5 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

311	Corrosion	(8" x 1/2" x 5") area of corrosion and scale and pack rust on the left side of the bearing	2	1	Each
311	Corrosion	up to 10% section loss in right anchor rod nut	2		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 7 Beam 5 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 7 Beam 6

Prestressed Concrete Girder

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		60	58	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> area of delamination on the bottom face, 20 FOOT. from bent 7, 8" wide x 12" long with 1/8" separation	2	1	Feet
109	Patched Area	sound patch on the bottom face, at the 2/3 point, 10" wide x 6" long	2	1	Feet
General Comments					

Span 7 Beam 6 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 7 Beam 6 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 7 Beam 7 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 7 Beam 7 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 7 Beam 8 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 7 Beam 8 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 7 Beam 9 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 7 Beam 9 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 7 Epoxy Wearing Surface****Epoxy Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	3,267	3,265	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
510	Patched Area/Pothole	LOSS OF WEARING SURFACE AT THE SPALL (Wearing Surface)	4	2	2 Square Feet

General Comments

Span 8 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,182	4,160	19	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGHT LANES AT BENT 7, SPALL (36" LONG x 3" WIDE x 1.5" DEEP AT 4' FROM RIGHT CURB)	3	3	3	Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> (15" x 9") area of (x2) spalls with exposed rebar on the deck bottom in bay 5 at 17.5ft from bent 8 up to (9" x 2")	2	2		Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> (20" x 9") area of (x2) spalls with exposed rebar on the deck bottom in bay 4, 15.5ft from bent 8 up to (9" x 4" x 1/2")	2	2		Square Feet
12	Patched Areas	REPAIR observed in 2020 inp: sound patch, 12" wide x 9" long. 2018 report has spall with exposed rebar on the deck bottom in bay 4 near mid span (6" x 6" x 1")	2	1		Square Feet
12	Patched Areas	sound patch on the bottom of the right overhang under light pole (19" x 12")	2	2		Square Feet
12	Efflorescence/Rust Staining	surface efflorescence with hairline cracking on the deck bottom in bay 8 at bent 8	2	7		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (20" x 5") unsound patch and spall (5" x 4" x 1/2") on the deck surface in the right EB lane at 24ft from bent 8	2	3		Square Feet
12	Efflorescence/Rust Staining	(24" x 10") area of surface efflorescence and hairline map cracking on the deck bottom on the left overhang at bent 8	2	2		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> TRANSVERSE CRACKING UP TO .03" OPEN 3' LONG IN RIGHT EAST BOUND LANE AT BENT 7 END.	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 44" diagonal cracks in the deck surface in the right EB lane at 5ft from bent 8 up to (0.04") wide	1			Square Feet

General Comments

Span 8 Beam 1**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (13" x 2 1/2") area of exposed rebar without section loss in the top left chamfer at bent 7	2	2		Feet
109	Exposed Rebar	[PROMPT ACTION REQUEST] (16" x 1") area of exposed rebar in the top left chamfer at bent 8	2	2	2	Feet

General Comments

Beam 1 Near Bearing

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

General Comments

Beam 1 Far 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	1	0	0	Square Feet

General Comments

Beam 2

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	61	7	0	0 Feet

General Comments

Span 8

Beam 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8

Beam 2 Far Bearing

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8

Beam 3

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	58	10	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar at mid span on the bottom face up to (8" x 4" x 1/2")	2	2		Feet
109	Patched Area	4 sound patches on the bottom face near mid-span up to 8" in diameter	2	4		Feet
109	Patched Area	(10" x 7") sound patch on the bottom face with 0.01" cracks at 19ft from bent 8	2	1		Feet
109	Patched Area	(9" x 7") sound patch on the bottom face with 0.007" cracks at 22ft from bent 8	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (8" x 5" x 1/2") spall with exposed rebar on the bottom face at 21ft from bent 7	2	1		Feet
109	Patched Area	(7" x 7") sound patch on the bottom face with 0.007" cracks at 18ft from bent 8	2	1		Feet

General Comments

Beam 3 Near Bearing

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

General Comments

Beam 3 Far 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	1	0	0	Square Feet

General Comments

Beam 4 Near Bearing

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

General Comments

Beam 4 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 8****Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	62	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strand on the bottom right face at bent 8 (27" x 20" x 3"), up to 100% section loss of strand for 10in long (PROMPT ACTION REQUEST).	2	3		Feet
109	Patched Area	(20" x 10") sound patch on the bottom face at 26in from bent 8	2	2		Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch on bottom face, 14" wide x 8" long. 2018 report has (7" x 6" x 1/2") spall with exposed rebar on the bottom face at 44in from bent 8	2	1		Feet

General Comments

Span 8**Beam 5 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8**Beam 5 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8**Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (7" x 4" x 1/2") spall with exposed rebar on the bottom face at 20ft from bent 7	2	1		Feet

General Comments

Span 8**Beam 6 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8**Beam 6 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8**Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	2	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	(6 1/2" x 5 1/2") unsound patch with (6" x 3 1/2" x 1/4") spall on the bottom face at 22ft from bent 8	3	1	1	Feet
109	Patched Area	(8 1/2" x 6") unsound patch with (3" x 2" x 1/8") spall in the bottom face at 23ft from bent 8	3	1	1	Feet
109	Patched Area	(17" x 10") sound patch on the bottom face at mid span	2	1		Feet

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109 Patched Area [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 13ft from bent 7 up to (6" x 3" x 1/4")

2 1 Feet

General Comments

Span 8 Beam 7 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Beam 7 Far Bearing

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Beam 8 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Beam 8 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> 2ft area of (x3) spalls with exposed rebar on the bottom face at 13ft from bent 7 up to (7" x 3" x 1/4")	2	2		Feet

General Comments

Span 8 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Beam 9 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 8 Epoxy Wearing Surface**Epoxy Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	3,672	3,669	0	0	3 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
510	Patched Area/Pothole (Wearing Surface)	LOSS OF WEARING SURFACE AT THE SPALL	4	3	3 Square Feet
General Comments					

Span 9 Deck**Reinforced Concrete Deck**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		3,721	3,713	8	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (23" x 4") DELAMINATION area on the deck surface in the left WB lane at bent 8 with cracking up to (1/16") wide	2	2		Square Feet
12	Efflorescence/Rust Staining	(30" x 8") area of surface efflorescence and hairline map cracking on the deck bottom at the left overhang at bents 8 and 9	2	6		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) 4" transverse cracking in the right WB lane at bent 9 up to (1/32") wide	1			Square Feet
General Comments						

Span 9 Beam 1**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	58	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (11" x 9" x 1/2")	2	2	Feet
General Comments					

Span 9 Beam 1 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 9 Beam 1 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 9 Beam 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 9 Beam 2 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 9 Beam 3 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Beam 3 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Beam 4 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Beam 4 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 9 Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	49	11	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 21" wide x 64" long. 2018 report had unsound patch on the bottom face at bent 9 (69" x 20") with longitudinal cracking up to 0.016" wide, delam area (46" x 20") in unsound patch	2	5	Feet
109	Patched Area	sound patch on the bottom face, at the 2/3 point, 10" wide x 6" long	2	1	Feet
109	Patched Area	sound patches on the bottom face: (6" x 5") at 29ft from bent 8, (7" x 4") at 20ft from bent 9, (5" x 4") at 17ft from bent 9, and (19" x 11") at 14ft from bent 9	2	5	Feet

General Comments**Span 9 Beam 5 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 9 Beam 5 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 9 Beam 6 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Beam 6 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Beam 7**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	60	58	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the top left chamfer at bent 8 up to (10" x 4" x 1/4")	2	1		Feet
109	Patched Area	sound patch on the bottom face 42" from bent 9, 8" wide x 6" long	2	1		Feet
General Comments						

Span 9 Beam 7 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 9 Beam 7 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 9 Beam 8 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 9 Beam 8 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 9 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	60	37	20	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	(16" x 9") unsound patch with (8" x 7") delam area on the bottom face at 17ft from bent 8	3	2	2	Feet

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109	Patched Area	(10" x 5") unsound patch and delam area with (6" x 2" x 1/4") spall in the bottom face at 11ft from bent 8	3	1	1	Feet
109	Patched Area	(5" x 4") sound patch on the bottom face at 6ft from bent 8	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 14ft from bent 9 (18" x 7" x 2"), strand exposed for (10") long	2	2		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (14" x 12" x 1/2") spall with exposed rebar on the bottom face at 20ft from bent 9	2	1		Feet
109	Patched Area	(13" x 10") sound patch on the bottom face at 12ft from bent 8	2	1		Feet
109	Patched Area	(9" x 7") sound patch on the bottom face at 10ft from bent 8	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (20" x 20") area of failed repair, DELAMINATION and up to 0.025" longitudinal cracking on the bottom face at 4ft from bent 8	2	2		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (5" x 4" x 1/4") spall with exposed rebar on the bottom face at 10ft from bent 8	2	1		Feet
109	Patched Area	sound patch on the bottom face, 2 ft. from bent 9, 11" x 11"	2	1		Feet
109	Patched Area	(26" x 10" x 5") sound patch on the bottom left face at bent 8	2	3		Feet
109	Patched Area	(9" x 8") sound patch on the bottom face at 13ft from bent 8	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 16ft from bent 8 (16" x 13" x 1 1/2"), (x2) strands exposed for (4") long	2	2		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 19ft from bent 8 (24" x 15" x 2"), (x3) strands exposed for (9") long	2	2		Feet
109	Patched Area	(20" x 16") sound patch on the bottom face at 8ft from bent 8	2	2		Feet

General Comments

Span 9 Beam 9 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 9 Beam 9 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 9 Joint at Bent 8**Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	54	51	3	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
302	Adjacent Deck or Header	ADJACENT DECK HEADERS IN THE RIGHT LANES, SCATTERED CHIPPING TO 1" WIDE WITH ASSOCIATED LOSS OF ADHESION.	2	3			Feet
General Comments							

Span 10 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,182	4,177	5	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
12	Patched Areas	PATCHED AREA 59" WIDE X 15" LONG IN RIGHT EAST BOUND LANE AT BENT 9 END.	2	5			Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1				Square Feet
General Comments							

Span 10 Beam 1**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
109	Exposed Rebar	[PROMPT ACTION REQUEST] spall with exposed rebar on the top left chamfer at bent 10 (24" x 1").	2	2		2	Feet
General Comments							

Span 10 Beam 1 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1		1	Square Feet

General Comments**Span 10 Beam 1 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 10 Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	65	3	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	REPAIR observed in 2020 insp: 3 sound patches up to 8" x 8". 2018 report had (x3) spalls with exposed rebar on the bottom face at 19ft from bent 9 up to (5" x 5" x 1/2").	2	3	Feet

General Comments**Span 10 Beam 2 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 10 Beam 2 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 10 Beam 3

Prestressed Concrete Girder

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam		68	46	22	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face beginning at 17ft from bent 10 up to (12" x 2" x 1/4")	2	13		Feet
109	Patched Area	4 sound patches on the bottom face, 1 ft. from bent 10, up to 20" wide x 36" long	2	4		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (4" x 4" x 1/2") spall with exposed rebar on the bottom face at 12ft from bent 10	2	1		Feet
109	Patched Area	REPAIR observed in 2020 insp: 3 sound patches up to 18" wide x 6" long. 2018 report had (x3) spalls with exposed rebar on the bottom face at 18ft from bent 10 up to (10" x 5" x 1/2")	2	3		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 78in from bent 10 up to (10" x 6" x 1/2")	2	1		Feet
General Comments						

Span 10 Beam 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 10 Beam 3 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 10**Beam 4****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 15 ft. from bent 9, 11" wide x 6" long	2	1		Feet

General Comments

Span 10**Beam 4 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10**Beam 4 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (2 1/2" x 1/2") spall with exposed rebar in the bottom face at 22ft from bent 10	2	1		Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 7" x 7". 2018 report had spall with exposed rebar in the end diaphragm at bent 10 in bay 5 (6" x 5" x 1/2")	2			Feet

General Comments

Span 10 Beam 5 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10 Beam 5 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10 Beam 6 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10 Beam 6 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 10****Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 22ft from bent 10 up to (7" x 4" x 1/2")	2	2	Feet

General Comments**Span 10****Beam 7 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 10****Beam 7 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 10****Beam 8****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	52	16	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Damage	(8" x 5 1/2" x 1/2") spall with exposed rebar on the end diaphragm in bay 8 at bent 10	3		1 Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (X3) spalls with exposed rebar on the bottom face at 14ft from bent 9 at failed repairs up to (10" x 6" x 1/2")	2	3	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

109	Patched Area	REPAIR observed in 2020 insp. 12 ft. area of sound patches. 2018 report had 12ft area of spalls with exposed rebar up to (5" x 5" x 1/2") and sound patches up to (13" x 6") on the bottom face starting at 10ft from bent 9	2	12	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> 1ft area of (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (8" x 7" x 1/2")	2	1	Feet

General Comments

Span 10 Beam 8 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 10 Beam 8 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 10 Beam 9

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	38	30	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (10" x 5" x 1/4") spall with exposed rebar on the bottom face at 25ft from bent 9	2	1	Feet
109	Patched Area	(5" x 5") sound patch on the bottom face at 23ft from bent 9	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands on the bottom face starting at 18ft from bent 9 (23" x 9" x 1 1/2") & (14" x 10" x 1") in a failed repair with total area of (60" x 20"), (x4) strands exposed up to (19") long	2	5	Feet
109	Patched Area	(x3) sound patches on the bottom face starting at 9ft from bent 9 up to (6" x 6")	2	3	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (26" x 1") area of exposed rebar in the top left chamfer at bent 10	2	3	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x5) spalls with exposed rebar on the bottom face at 21.5ft from bent 10 up to (9" x 3 1/2" x 1/4")	2	5	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strand on the bottom face at 12ft from bent 9 (14" x 6" x 1") in a failed repair with area (18" x 9"), strand exposed for (5")	2	2	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (4" x 4" x 1/4") spall with exposed rebar on the bottom face at 11ft from bent 10	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at 14ft from bent 9 up to (9" x 2" x 1/4")	2	4	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> 1ft area of (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (5" x 5" x 1/2")	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at mid span up to (12" x 2" x 1/4")	2	4	Feet

General Comments

Span 10 Movable Bearing

Beam 9 Near Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 10 Fixed Bearing

Beam 9 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11 Reinforced Concrete Deck

Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,182	4,177	5	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (x2) spalls with exposed rebar in the EBL at 30ft from bent 10 up	2	3	Square Feet
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> (x2) unsound patches on the deck surface near mid span in the left EB lane up to (21" x 2")	2	2	Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION.	1		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Damage	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (25" x 11") concrete spill on the deck surface in the right EB lane	1		Square Feet

General Comments

Span 11**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the top right chanfer at bent 11 (17" x 3")	2	2		Feet

General Comments

Span 11**Beam 1 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11**Beam 1 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11**Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 9in from bent 11 (11" x 10" x 1/2")	2	1	Feet
General Comments					

Span 11**Beam 2 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 11**Beam 2 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 11**Beam 3 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 11 Beam 3 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11 Beam 4**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	62	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (5" x 5" x 1/2") spall with exposed rebar in the bottom face at 14ft from bent 10	2	1		Feet
109	Patched Area	2 sound patches on the bottom face starting 12 ft. from bent 11, up to 12" in diameter	2	2		Feet
109	Patched Area	sound patch on the bottom face, 24 ft. from bent 10, 8" wide x 5" long	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (7" x 6" x 1/2") spall with exposed rebar on the bottom face at 27ft from bent 11	2	1		Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 9" wide x 8" long. 2018 report had (8" x 6" x 1/2") spall with exposed rebar in the bottom face at 31ft from bent 10	2	1		Feet

General Comments

Span 11 Beam 4 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11**Beam 4 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	54	14	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x13) spalls with exposed rebar on the bottom face up to (17" x 5" x 1/2") starting at 16.5ft from bent 11	2	13		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (5" x 5" x 1/2") spall with exposed rebar on the bottom face at 12ft from bent 11	2	1		Feet

General Comments

Span 11**Beam 5 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11**Beam 5 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 11****Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	33	35	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (16" x 5" x 1") area of DELAMINATION and cracking up to 0.02" wide on the bottom and left faces at 14ft from bent 10	2	2		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face at 18ft from bent 10 up to (16" x 6" x 1/2")	2	23		Feet
109	Patched Area	([NEW REPAIR - PATCHING] FORMERLY --> 4" x 4" x 1/2") spall with exposed rebar on the bottom face at bent 10	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom right face at 12ft from bent 10 (34" x 7" x 2"), strand exposed for 20" long	2	3		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (5" x 4" x 1/2") spall with exposed rebar on the bottom face at 13ft from bent 10	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face up to (8" x 7" x 1/2") at 11ft from bent 11	2	2		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands on the bottom face starting at 5in from Bent 11 (8" x 7" x 1") and (7 1/2" x 6 1/2" x 2"), strands exposed for up to (1") long each, cracking up to 0.013" wide at this location for 28" long	2	3		Feet

General Comments**Span 11****Beam 6 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 11****Beam 6 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each

Structure Number: **640013**Inspection Date: **12/20/2021**

515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 11**Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0 Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 10" wide x 10" long. 2018 report had (6" x 4" x 1/2") spall with exposed rebar on the bottom face at 11ft from bent 11	2	1		Feet
General Comments						

Span 11**Beam 7 Near Bearing****Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	1	0	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 11**Beam 7 Far Bearing****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	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 11**Beam 8****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	63	5	0	0 Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face at bent 11, 24" wide x 3 ft. long	2	3		Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

109 Patched Area [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls in a 2ft area up to (5" x 5" x 1/2") at 21ft from bent 11 2 2 Feet

General Comments

Span 11 Beam 8 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11 Beam 8 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 11 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	65	3	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 24 ft. from bent 10, 7" wide x 5" long	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> (x6) spalls in a 2ft section up to (7" 1/2" x 2 1/2" x 1/4") at 14ft from bent 10	2	2		Feet

General Comments

Span 11 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

311	Corrosion	up to 10% section loss in the right anchor rod nut	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
General Comments					

Span 11 Beam 9 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 11 Joint at Bent 10**Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	54	51	3	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	ADJACENT DECK HEADERS IN THE RIGHT LANES, SCATTERED CHIPPING TO 1" WIDE WITH ASSOCIATED LOSS OF ADHESION.	2	3	Feet
General Comments					

Span 12 Deck**Reinforced Concrete Deck**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck		6,089	5,275	808	6	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 7 at bent 11 (30" x 4" x 1")	3	2	2 Square Feet
12	Delamination/Spall	(10" x 3" x 3/4") spall in the bottom of the right overhang at 2ft from bent 11	3	1	1 Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 7 at bent 11 (14" x 4" x 1")	3	2	2 Square Feet
12	Delamination/Spall	(10" x 4" x 1/2") spall with on the bottom of the right overhang at 1ft from bent 12	3	1	1 Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (12" x 2 1/2" x 2 1/2") spall with no exposed rebar at bent 12 in the right shoulder	2	1	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROVING 2020 INSPECTION. (2018 INSPECTION) sound patch on the deck surface in the left shoulder of the WBL	2	1	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (10" x 1 1/2" x 3") spall with no exposed steel in the right WB lane in the shoulder at bent 12	2	1	Square Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence on the deck bottom and in the overhangs	2	800	Square Feet
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> (64" x 13") sound patch on the deck surface at bent 11 at the left curb	2	5	Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) transverse cracking on the deck surface up to (1/16") wide	1		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (1/16") wide diagonal cracking in the right shoulder of the WB lane at 7ft from bent 12	1		Square Feet
12	Cracking (RC and Other)	hairline transverse cracking thru out the bottom of the deck	1	800	Square Feet

General Comments

Span 12 Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	99	92	5	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Damage	(2" x 1 1/2") tear in the east face of post 8 at the bottom rail and (7" x 3/4") distortion in the east face of post 9 between the bottom and middle rail	3	2	2 Feet
333	Connection	Missing bolt on the back face for the middle rail at post 8. Rail is secure.	2	1	1 Feet
333	Distortion	(48") long by up to (1 1/2") area of distortion due to impact damage in the middle rail at mid span	2	4	Feet

General Comments

Span 12 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	97	96	1	0	0 Feet
515	Steel Protective Coating	1,358	1,358	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, up to 1/16" pitting from previous rust. 2018 report had corrosion and pack rust on the top left end diaphragm gusset plate in bay 2 at bent 12.	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet

General Comments

Span 12**Beam 3****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	97	96	1	0	0	Feet
515	Steel Protective Coating	1,358	1,358	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	REPAIR observer in 2020 insp: area has been cleaned and repainted. 2018 report had. PM - section loss on the bottom right web stiffener at bent 12 (6 1/2" x 5") by less than (1/16") into the stiffener and up to 25% section loss on bottom gusset connection nut	2	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1			Feet

General Comments

Span 12**Beam 4****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	97	96	1	0	0	Feet
515	Steel Protective Coating	1,358	1,358	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Section loss on the bottom right web stiffener at bent 12 (6" x 5") by less than (1/16") into the stiffener and greater than 75% section loss on bottom gusset connection nut	2	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1			Feet

General Comments

Span 12**Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	97	96	1	0	0	Feet
515	Steel Protective Coating	1,358	1,358	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had. PM - section loss on the bottom left web stiffener at bent 12 (7" x 4") by less than (1/16") into the stiffener and up to 30% section loss on bottom gusset connection nut	2	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1			Feet

General Comments

Span 12**Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	97	96	1	0	0	Feet
515	Steel Protective Coating	1,358	1,358	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had PM - bottom right web stiffener at bent 12, section loss in stiffener (7" x 5" x up to 1/16") with up to 75% section loss in bottom diaphragm gusset nut	2	1		Feet
107	Corrosion	REPAINTED	1			Feet

General Comments

Span 12**Beam 4 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	7	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted. Bearing has up to 1/8" section loss from previous rust.	2	1		Each

General Comments

Span 12**Beam 5 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	7	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had PM - section loss on the bottom face of the top plate (2 1/2" x 1") by (1/8") deep	2	1		Each

General Comments

Span 13**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	7,626	5,774	1,848	4	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	deck bottom: spall with exposed rebar on in bay 4 at 30ft from bent 13 (16" x 4" x 3")	3	2	2	Square Feet
12	Delamination/Spall	(20" x 2" x 3") spall with no exposed steel on the right side of girder 4 at 25ft from bent 13	3	2	2	Square Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

12	Efflorescence/Rust Staining	hairline transverse cracking with surface efflorescence on the deck bottom and overhangs	2	1,800	Square Feet
12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence on the deck bottom and on the overhangs	2	45	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (12" x 2 1/2" x 2 1/2") spall with no exposed rebar at bent 12 in the right shoulder	2	1	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (15" x 4 1/2" x 2 1/2") spall with exposed rebar on the deck surface at bent 12, 18in from the right curb	2	2	Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> transverse cracking up to (1/16") wide	1		Square Feet

General Comments

Span 13 Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	124	123	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Damage	Bottom of rail at post 2 is loose and bounces under span loading (PAR)	3	1	1 Feet
333	Cracking (RC and Other)	SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OPEN, 4' TO 16' APART.	2		Feet

General Comments

Span 13 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	369	367	2	0	0 Feet
515	Steel Protective Coating	5,535	5,535	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Span 14 bottom left web and flange at 57.5ft from Bent 13: active corrosion and section loss in the web and flange (4 1/2" x 2") and (2 1/2" x 1") by less than (1/16") deep in both the flange and web.	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had corrosion on the bottom right face of the bolted field splice in span 14 at 20ft from bent 13, section loss on the bottom right flange (3 1/2" x 2 1/2") by (1/8") into the flange.	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss in both faces of the web and on the top flange at bent 15.	1		Feet
107	Distortion	vertical distortion in the bottom flange in span 15 over bearing flange plate at bent 15 (all beams similar at bent 15)	1	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had corrosion and on the end diaphragm at Bent 13 and pack rust in the gusset plates.	1		Feet
107	Corrosion	REPAINTED	1	364	Feet

107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1	Feet
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General Comments**Span 13 Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	369	367	2	0	0 Feet
515	Steel Protective Coating	5,535	5,535	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had corrosion and section loss on the bottom right flange at the first bolted field splice in span 14, 20ft from bent 13, section loss less than (1/16") into the flange for (1" x 1") in 2 areas, (3) bolts on the bottom flange have corrosion without section loss	2	2	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss in both faces of the web and on the top flange at bent 15	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet

General Comments**Span 13 Beam 4 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	7	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Section loss on the bottom face of the top plate (8" x 1" x 1/8" into the plate)	2	1	Each

General Comments**Span 13 Beam 5 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	7	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and painted. 2018 report had PM- section loss in the bottom face of the top plate (10" x 1" x 1/8" into the plate)	2	1	Each

General Comments

Span 13**Beam 6 Intermediate Bearing 1****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	10	10	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Connection	LEFT FAR ANCHOR NUT IS NOT TIGHTENED, APPROXIMATELY 3/4" ABOVE THE PLATE.	2	1	1	Each
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1			Each

General Comments

Span 13**Joint at Bent 12****Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	54	44	0	0	10	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Seal Adhesion	SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE	4	10	10	Feet

General Comments

Span 14**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	7,565	6,040	1,505	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	spall with exposed rebar on the deck bottom in bay 5 at 30ft from Bent 13 (48" x 4" x 1/2")	3	4	4	Square Feet
12	Delamination/Spall	(x2) spalls exposed rebar on the deck bottom in bay 4 at 60ft from Bent 13 up to (7" x 4" x 1/2").	3	2	2	Square Feet
12	Delamination/Spall	spall on the bottom of the deck in bay 7 at beam 8, 25 ft. from bent 14, 1 ft. long x 2" high x 2" deep	3	1	1	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 4 at girder 5 at 35ft from Bent 14 (24" x 4" x 3")	3	2	2	Square Feet
12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 2 at girder 2 at 40ft from Bent 14 up to (20" x 4" x 3")	3	4	4	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 3 at girder 4 at 40ft from Bent 14 (18" x 4" x 3")	3	2	2	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 3 at girder 4 at 60ft from Bent 13 (18" x 4" x 3")	3	2	2	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 3 at girder 3 at 40ft from Bent 14 (12" x 4" x 2")	3	1	1	Square Feet
12	Delamination/Spall	spall with exposed rebar in bay 7 at 6ft from bent 13 (18" x 4" x 1/4")	3	2	2	Square Feet
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> 6' x 6' AREA AT EAST END IN EASTBOUND LANES HAS 2" TO 12" DIAMETER x 1/4" DEEP SPALLS IN TOP OF DECK DUE TO VEHICLE FIRE	2	5		Square Feet

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12	Cracking (RC and Other)	transverse cracking and surface efflorescence in the deck bottom and overhangs	2	1,500	1,500	Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) transverse deck cracking on the surface up to (1/8") wide at 12ft from bent 14	1			Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) transverse cracking up to (1/16") wide throughout	1			Square Feet

General Comments

Span 15 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	7,626	6,124	1,501	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	deck bottom: spall with no exposed steel in bay 3 at bent 15 (9" x 6" x 3")	3	1	1	Square Feet
12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence in the deck bottom and overhangs and at deck construction joints	2	1,500		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (9" x 7" x 1/2") spall with exposed rebar in the right EB lane at 42ft from bent 15 and 10ft from the right curb	2	1		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) multiple transverse cracks up to (1/8") wide	1			Square Feet

General Comments

Span 15 Left Bridge Rail**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	124	117	7	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	Cracking (RC and Other)	SCATTERED WRAP AROUND CRACKS IN CURB SECTION UP TO .03" OPEN, 4' TO 16' APART.	2			Feet
333	Distortion	(84" x 3 1/2") impact damage to the bottom rail at 38ft from bent 14	2	7		Feet

General Comments

Span 16 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	8,441	8,119	318	4	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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12	Delamination/Spall	deck bottom: spall with no exposed steel in bay 1 at bent 16 (8" x 4" x 1/2")	3	1	1	Square Feet
12	Delamination/Spall	deck bottom: spall with no exposed steel in bay 2 at bent 16 (36" x 4" x 1/2")	3	3	3	Square Feet
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> (144" x 24") unsound patch with (28" x 2" x 1/2") spalls with cracking up to (1/16") wide in the left EB lane at bent 15	2	28		Square Feet
12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence on the deck bottom and in the overhangs	2	250		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) (164" x 24") unsound patch with areas up to (72" x 24") of DELAMINATION with (1/4") wide cracks in the right EB lane at bent 15	2	40		Square Feet
12	Damage	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> (20" x 11") concrete spill on the deck surface in the right EB lane	1			Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROOVING 2020 INSPECTION. (2018 INSPECTION) transverse cracking up to (1/16") wide	1			Square Feet

General Comments

Span 16 Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	138	129	9	0	0 Feet
515	Steel Protective Coating	30	30	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Connection	Missing bolt at the back side attachment for the middle rail at post 8. Rail is secure.	2	1	1 Feet
333	Distortion	8ft of impact damage to the bottom rail at the parking area	2	8	Feet

General Comments

Span 16 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	138	137	0	1	0 Feet
515	Steel Protective Coating	30	30	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Corrosion	[PROMPT ACTION REQUEST] AT THE PARKING AREA, THE TOP RAIL AT THE WEST END HAS CORROSION HOLES IN THE TOP AND SIDE AT THE CORNER UP TO 5" WIDE X 4" LONG IN THE TOP AND UP TO 3" DIAMETER ON THE SIDES	3	1	1 Feet

General Comments

Span 16**Beam 1****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	6	126	2	0 Feet
515	Steel Protective Coating	2,278	2,117	160	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	PRIORITY MAINTENANCE - Bracket 2 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut on the bottom plate on the east face and up to 100% section loss on (x2) nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the west face; section loss in the web (9" x 4") by up to (1/16") into the web on both sides of the bracket (PM)	3	2	2 Feet
107	Corrosion	Freckled rust, corrosion of the steel has initiated on the beam and all members in the parking area	2	125	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, freckled rust has started to appear. 2018 report had PRIORITY MAINTENANCE - Brace Beam 2 at stringer 3 at the WB parking area on the top flange: section loss (2" x 2") with (1/2") remaining (both sides of the top flange similar at this location).	2		Feet
107	Corrosion	[PROMPT ACTION REQUEST] BRACE BEAM 2 AT STRINGER 3 AT THE WESTBOUND PARKING AREA ON THE TOP FLANGE, SECTION LOSS [AVERAGE 1/2" REMAINING] IN A 2" X 2" AREA ON BOTH SIDES OF THE FLANGE.	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Bracket 4 at WB Parking Area East Face: pack rust on bottom flange and in web of beam with no measureable section loss (west face similar).	1		Feet
107	Corrosion	[NEW REPAIR - NUTS REPLACED] FORMERLY --> PRIORITY MAINTENANCE - Bracket 1 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 100% section loss on (x2) nut on the bottom plate on both faces; active corrosion with no measureable section loss web on both faces (PROMPT ACTION REQUEST)	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss (7" x 1") on the right face of the web at bent 15.	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had WB Parking Area stringer 3 between brace 3 and 4: top right flange with active corrosion with (1/8") pitting by (2") wide for the full stringer length.	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, the 3 nuts and bolts have been replaced. 2018 report had PRIORITY MAINTENANCE - Bracket 3 at WB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (9/16") remaining (west face similar); up to 100% section loss on (x3) nuts on the bottom flange; corrosion with no measureable section loss on both sides of the bracket in the web of the beam; section loss on the bottom of the web plate (8" x 1 1/2") by (1/16") into the plate.	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED AT BRACE BEAM CONNECTION	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust on the beam and all members of the parking area.	2	160	160 Square Feet

General Comments

Span 16**Beam 4****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	131	1	2	0 Feet
515	Steel Protective Coating	2,278	2,278	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	[PROMPT ACTION REQUEST] 5/16" section loss on end diaphragm gusset in the right web at bent 15 due to previous rust. (3" x 3") with (1/16") remaining, section loss on 3 nuts up to 60%. area has been cleaned and repainted. section loss in more than 25% of the gusset plate thickness	3	2	2 Feet
107	Corrosion	1/8" section loss on the bottom face of the bottom flange at the bent 15 bearing up to 1" wide x 10" long with 3/4" remaining, area has been cleaned and repainted	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet

General Comments

Span 16**Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	133	0	1	0 Feet
515	Steel Protective Coating	2,278	2,277	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	[PROMPT ACTION REQUEST] - bottom left web stiffener and platform connection at bent 15: up to 100% section loss on platform nut on the bottom flange; active corrosion on the stiffener, web, flange and diaphragm gusset with no measurable section loss	3	1	1 Feet
107	Corrosion	REPAINTED	1		Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED	1		Square Feet

General Comments

Span 16**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	129	5	0	0 Feet
515	Steel Protective Coating	2,278	2,278	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Surface corrosion and with pack rust between members of the platform attached to the beams at the east face of bent 15.	3		8 Feet
107	Corrosion	[PROMPT ACTION REQUEST] Brace Beam 1 at EB Parking Area angle at bottom of railing, section loss on plate up to (1/16") into the angle and 100% section loss on (x2) nuts	3		1 Feet

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107	Corrosion	1/16" section loss on the lower web adjacent to the east side of the beam stiffener, 3" high x 4" long with 7/16" remaining at bent 16	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Bracket 1 at EB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (49/64") remaining; section loss in the web (6" x 3") by up to (1/16") with 7/16" remaining into the web; (similar on the west face)	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Bracket 2 at EB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (23/32") remaining; section loss in the web (8" x 1 1/2") by up to (1/16") into the web with 7/16" remaining; (similar on the west face)	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Bracket 3 at EB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (23/32") remaining; section loss in the web (9" x 1 1/2") by up to (1/16") into the web with 7/16" remaining; (similar on the west face)	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had Bracket 4 at EB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (49/64") remaining; section loss in the web (8" x 4") by up to (1/16") into the web with 7/16" remaining; (similar on the west face)	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet

General Comments

Span 16 Beam 1 Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	14	10	4	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated (others similar at this same location)	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	4	4 Square Feet

General Comments

Span 16 Beam 3 Near Bearing

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	5	4	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	freckled rust has initiated	2	1	Each
313	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had PM - section loss on the bottom of the masonry plate (1 1/2" high x 1/8" deep) by the full plate width	1		Each
515	Effectiveness (Steel Protective Coatings)	protective coating has started to fail	2	1	1 Square Feet

515 Effectiveness (Steel Protective Coatings) REPAINTED

1

Square Feet

General Comments

Span 16 Beam 4 Near Bearing

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	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had PM- section loss on the top plate (8" x 1" x 1/8" into the plate)	2	1		Each
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss	1			Each

General Comments

Span 16 Beam 5 Near Bearing

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	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Section loss in the top plate (18" x 1" x 1/16" into the plate)	2	1		Each
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss	1			Each

General Comments

Span 16 Joint at Bent 15

Finger Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
305	Assembly Joint without Seal	54	0	54	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
305	Metal Deterioration or Damage	FINGER PLATE JOINT HAS ELEVATION CHANGE 1/8" FROM SPAN 15 TO SPAN 16.	2	54		Feet

General Comments

Span 17 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,892	1,872	19	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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12	Delamination/Spall	spall with no exposed steel on the deck bottom at floorbeam 1 and stringer 8 (8" x 8" x 1/2")	3	1	1 Square Feet
12	Delamination/Spall	(3" x 4" x 1/2") spall with no exposed steel on the deck bottom on the top right flange of stringer 7	2	1	1 Square Feet
12	Efflorescence/Rust Staining	surface efflorescence and transverse cracking in bay 1, 2 and 4	2	18	Square Feet
General Comments					

Span 17**Median Rail****Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	31	23	8	0	0 Feet
515	Steel Protective Coating	154	154	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
330	Distortion	8ft of impact damage to the railing	2	8	Feet
General Comments					

Span 17**WEST TOWER NORTH****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
120	Steel Truss	31	29	1	1	0 Feet
515	Steel Protective Coating	12,000	12,000	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
120	Cracking	WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.	3	1	1 Feet
120	Damage	SPALL 8" X 8" X 3/4" DEEP AT STRINGER 8 AND FLOORBEAM 1.	2	1	1 Feet
120	Patched Area	HORIZONTAL AT NORTH EAST TOWER LEG 46" LONG 6" X 4" X 3/8" ANGLE REPAIR TO EAST FACE AND BOTTOM BEGINNING 1' FROM NORTHEAST TOWER LEG	1		Feet
General Comments					

Span 17**WEST TOWER SOUTH****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
120	Steel Truss	31	28	0	3	0 Feet
515	Steel Protective Coating	12,000	11,999	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
120	Cracking	FOURTH HORIZONTAL BEAM INSIDE FACE HAS CRACKING ALONG BOTTOM SEAM, 2' LONG	3	2	2 Feet
120	Corrosion	[PROMPT ACTION REQUEST] IN BOTTOM OF FIRST HORIZONTAL AT SOUTHEAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.	3	1	Feet
515	Effectiveness (Steel Protective Coatings)	IN BOTTOM OF FIRST HORIZONTAL AT SOUTHEAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.	4	1	1 Square Feet
General Comments					

Span 17**Floor Beam 1****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam	62	56	6	0	0	Feet
515	Steel Protective Coating	1,112	1,106	0	0	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
152	Corrosion	surface corrosion on the top flange at the left end (right end similar)	2	6		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing and corrosion of the steel has initiated	4	6	6	Square Feet
General Comments						

Span 17**Floor Beam 2****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam	62	52	10	0	0	Feet
515	Steel Protective Coating	1,112	1,106	0	0	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
152	Corrosion	surface corrosion on the top flange at the left end (right end similar)	2	6		Feet
152	Corrosion	VERTICAL STIFFNERS HAVE LOSS OF SECTION ALONG BOTTOM 4" THAT HAVE BEEN CLEANED, PAINTED AND CORROSION ARRESTED AT EACH STIFFNER EAST SIDE.	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing and corrosion of the steel has initiated	4	6	6	Square Feet
General Comments						

Span 17**Stringer 1****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer	26	25	1	0	0	Feet
515	Steel Protective Coating	202	202	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
113	Connection	DECK IS LEACHING MOISTURE AND STAINS ON TO FLANGES AND WEB.	2	1	1	Feet
General Comments						

Span 18**Deck****Steel Deck with Open Grid**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
28	Steel Deck with Open Grid	24,480	24,413	66	0	1	Square Feet
515	Steel Protective Coating	24,480	24,479	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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28	Damage	BROKEN SECTION OF OPEN GRID DECKING IN RIGHT WESTBOUND LANE AT FLOOR BEAM 9 [APPROXIMATELY 2.5" DIAMETER OF LOSS AT THE CURB]	4	1	Square Feet
28	Connection	LOOSE DECKING BETWEEN FLOOR BEAMS 8 & 9 IN EASTBOUND LANES	2	5	5 Square Feet
28	Damage	BROKEN/BENT SECTIONS OF OPEN GRID DECKING IN RIGHT WESTBOUND LANE 12' EAST OF FLOOR BEAM 6	2	1	Square Feet
28	Connection	DECK ELEVATION DIFFERENCE 1/2" OVER FLOORBEAM 1.	2	50	50 Square Feet
28	Connection	LOOSE DECKING BETWEEN FLOOR BEAMS 10 & 11 IN WESTBOUND LANES	2	5	5 Square Feet
28	Connection	LOOSE PANEL IN RIGHT LANE ON EASTBOUND SIDE NEAR FLOOR BEAM 6	2	5	5 Square Feet
28	Connection	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) LOOSE DECKING AT FLOOR BEAM 1 IN WESTBOUND LANES	1		Square Feet
28	Damage	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) FATIGUE IN DECKING THROUGHOUT SPAN IN WHEEL PATHS OF EAST AND WESTBOUND LANES	1		Square Feet
28	Damage	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) MISSING SECTION OF OPEN GRID DECKING IN RIGHT WESTBOUND LANE AT FLOOR BEAM 8 - PM	1		Square Feet
28	Connection	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) LOOSE DECKING AT FLOOR BEAM 4 IN WESTBOUND LANES	1		Square Feet
28	Damage	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) MISSING SECTION OF OPEN GRID DECKING IN RIGHT WESTBOUND LANE AT FLOOR BEAM 6 - PM	1		Square Feet
515	Damage	PROTECTIVE COATING MISSING AT AREA OF DECKING LOSS	4	1	Square Feet

General Comments

Span 18**Truss Panel 1****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
120	Steel Truss	408	408	0	0	0 Feet
515	Steel Protective Coating	25,355	25,335	0	0	20 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	~1"W x 2"L SCRAPES ALONG BOTTOM OUTSIDE EDGES OF LOWER CHORDS w/ SURFACE RUST FORMING ON EXPOSED STEEL - SCATTERED THROUGHOUT	4	20	20 Square Feet

General Comments

Span 18**Truss Panel 2****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
120	Steel Truss	408	408	0	0	0 Feet
515	Steel Protective Coating	25,355	25,335	0	0	20 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	~1"W x 2"L SCRAPES ALONG BOTTOM OUTSIDE EDGES OF LOWER CHORDS w/ SURFACE RUST FORMING ON EXPOSED STEEL - SCATTERED THROUGHOUT	4	20	20 Square Feet

General Comments

Span 18 Left Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	413	223	190	0	0	Feet
515	Steel Protective Coating	2,000	1,950	0	0	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	IMPACT DAMAGE/SCRAPES ON LEFT CURB WITH ASSOCIATED SURFACE CORROSION.	2	40	40	Feet
330	Distortion	RAIL IS BOWED AND MISALIGNED FULL LENGTH OF SPAN.	2	70		Feet
330	Damage	IMPACT DAMAGE/SCRAPES BETWEEN L3-U3 AND L5-U5 WITH ASSOCIATED SURFACE CORROSION.	2	80	80	Feet
515	Effectiveness (Steel Protective Coatings)	SCRAPES ON CURB UP TO 1"W SCATTERED THROUGHOUT w/ SURFACE RUST FORMING ON EXPOSED STEEL	4	50	50	Square Feet

General Comments

Span 18 Right Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	413	403	10	0	0	Feet
515	Steel Protective Coating	2,000	1,950	0	0	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	IMPACT DAMAGE TO RAIL AT TENDER HOUSE - 10' OF BOTTOM RAIL BOWED ~1" TO THE SOUTH - BOTTOM 2-1/2' OF FENCE POST BENT APPROX. 90 DEG. TO THE EAST	2	10	10	Feet
515	Effectiveness (Steel Protective Coatings)	SCRAPES ON CURB UP TO 1"W SCATTERED THROUGHOUT w/ SURFACE RUST FORMING ON EXPOSED STEEL	4	50	50	Square Feet

General Comments

Span 18 L0L1 NORTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating	540	540	0	0	0	Square Feet
910	Primary Steel Truss Member	34	32	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
910	Corrosion	REPAIR OBSERVED IN 2020 INSP: A STEEL PLATE HAS BEEN BOLTED OVER THE AREA, 6 FOOT. LONG X 17.5" WIDE X 3/8" THICK. 2018 REPORT HAD 3" WIDE AREA OF SECTION LOSS TO KNIFE EDGE WIDE/ HOLES UP TO 1/2" IN DIAMETER AROUND PORTAL IN BOTTOM OF CHORD AT L0	2	2		Feet

General Comments

Span 18**L1L2 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	32	0	0	2 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	18"LONG x 2"WIDE x 1/4"DEEP SECTION LOSS WITH 1/4" REMAINING ON THE AREA ALONG BOTTOM AND INSIDE FACE, ON WEST SIDE OF L2 - CLEANED AND PAINTED, PAR ISSUED.	4	2	2 Feet

General Comments

Span 18**L3L4 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	537	0	0	3 Square Feet
910	Primary Steel Truss Member	34	31	1	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	2"W SCRAPE ACROSS BOTTOM NEAR MIDSPAN w/ SURFACE RUST ON EXPOSED STEEL	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM PLATE AT L4	4	2	2 Square Feet
910	Corrosion	UP TO 1/4" PACK RUST ON NORTH AND SOUTH SIDES OF BOTTOM PLATE AT SPLICE CONNECTION ON WEST SIDE OF L4.	3	2	2 Feet
910	Corrosion	PITTED AREA ON BOTTOM OF CHORD 1"W x 3"L x 1/8"D AT L4 BOTTOM PLATE - CLEANED AND PAINTED	2	1	Feet

General Comments

Span 18**L5L6 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	535	0	0	5 Square Feet
910	Primary Steel Truss Member	34	29	3	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	IN BOTTOM AT MID-LENGTH SURFACE RUST.	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM PLATE AT L5	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM PLATE AT L6	4	1	1 Square Feet
910	Corrosion	1/2" PACK RUST w/ ACTIVE CORROSION AT BOTTOM GUSSET PLATE ON WEST SIDE OF L6	3	1	1 Feet
910	Corrosion	7"L x 1-1/2"W x 3/16"D PITTTED AREA ON BOTTOM OF CHORD AT L6 - WEST SIDE OF BOTTOM LATERAL GUSSET - CLEANED AND PAINTED	3	1	1 Feet
910	Corrosion	PITTED AREA UP TO 6"W x 1/8"D ACROSS BOTTOM OF CHORD ON EAST SIDE OF L5 BOTTOM PLATE - CLEANED AND PAINTED	2	1	Feet
910	Corrosion	IN BOTTOM AT MID-LENGTH SURFACE RUST.	2	2	Feet

General Comments**Span 18 L6L7 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	33	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	15"W x 4"L PITTED AREA UP TO 1/4"D ON BOTTOM OF CHORD AT L6 - CLEANED AND PAINTED	3	1	1 Feet

General Comments**Span 18 L8L9 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	539	0	0	1 Square Feet
910	Primary Steel Truss Member	34	33	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	6"L x FULL WIDTH SECTION OF PROTECTIVE COATING FAILURE ON BOTTOM OF CHORD NEAR MID SPAN - SURFACE RUST ON EXPOSED STEEL	4	1	1 Square Feet
910	Corrosion	AT L8 1/2" PACK RUST BETWEEN BOTTOM SPLICE PLATE AND CHORD - NORTH AND SOUTH SIDES	3	1	1 Feet

General Comments**Span 18 L9L10 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	539	0	0	1 Square Feet
910	Primary Steel Truss Member	34	32	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	4" DIA. AREA OF PROTECTIVE COATING FAILURE ON SOUTH FACE NEAR MID SPAN - SURFACE RUST ON EXPOSED STEEL.	4	1	1 Square Feet
910	Corrosion	1-1/2"H x 24"L x 1/8"D PITTED AREA ON BOTTOM INSIDE CORNER AT L10 - CLEANED AND PAINTED.	2	2	Feet

General Comments

Span 18**L10L11 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	33	0	0	1 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	OBSERVED IN 2020 INSP: BOTTOM OF CHORD AT L10 - 4"L x 12"W PITTED AREA UP TO 1/4"D (APPROX. 3/16" REMAINING SECTION) w/ 1-1/2"L x 3/16"W HOLE AND 1-1/2"L CRACK PROPAGATING FROM WEST SIDE OF HOLE, PAR ISSUED.	4	1	1 Feet

General Comments

Span 18**L11L12 NORTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	532	0	0	8 Square Feet
910	Primary Steel Truss Member	34	17	0	0	17 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING IN AREAS SCATTERED ACROSS TOP OF CHORD	4	5	5 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM PORTAL AT L12.	4	3	3 Square Feet
910	Corrosion	OBSERVED IN 2020 INSP: PITTED AREAS UP TO 2" IN DIAMETER x 1/4"D SCATTERED THROUGHOUT TOP OF CHORD - ACTIVE CORROSION PRESENT IN SOME OF THESE AREAS, PAR ISSUED.	4	15	5 Feet
910	Corrosion	OBSERVED IN 2020 INSP: 2"WIDE SECTION AROUND BOTTOM PORTAL AT L12 REDUCED TO 1/16" w/ 100% LOSS TO 1" AREAS AT EDGE - ACTIVE CORROSION PRESENT, PAR ISSUED.	4	2	2 Feet

General Comments

Span 18**U6U7 NORTH****Steel Truss Top Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	35	34	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	12" LONG AREA OF SECTION LOSS CURRENTLY CLEANED AND PAINTED WITH 1/4" REMAINING TO GUSSET PLATE CONNECTION. TO U6 VERTICAL INTERIOR SIDE.	3	1	Feet

General Comments

Span 18**L0U1 NORTH****Steel Truss Diagonal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	539	0	0	1 Square Feet
910	Primary Steel Truss Member	51	50	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH SURFACE RUST.	4	1	1 Square Feet
910	Corrosion	SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH SURFACE RUST.	2	1	Feet

General Comments

Span 18**L2U3 NORTH****Steel Truss Diagonal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	538	2	0	0 Square Feet
910	Primary Steel Truss Member	56	56	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	NORTH FACE 5' FROM L2 PEELING OF TOP COAT	2	2	2 Square Feet

General Comments

Span 18**L0L1 SOUTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	536	0	0	4 Square Feet
910	Primary Steel Truss Member	34	28	6	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM PORTAL AT L0 - ACTIVE CORROSION PRESENT	4	4	4 Square Feet
910	Corrosion	REPAIR OBSERVED IN 2020 INSP: A STEEL PLATE HAS BEEN BOLTED OVER THE AREA, 6 FT. LONG X 17.5" WIDE X 3/8" THICK. 2018 REPORT HAD MULTIPLE HOLES UP TO 1" IN DIAMETER AROUND BOTTOM PORTAL AT L0 - ACTIVE CORROSION PRESENT - PM	2	6	Feet

General Comments

Span 18**L3L4 SOUTH****Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	33	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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910 Corrosion UP TO 1/2" PACK RUST ALONG NORTH AND SOUTH SIDES OF BOTTOM PLATE. 3 1 1 Feet

General Comments

Span 18 L4L5 SOUTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	538	0	0	2 Square Feet
910	Primary Steel Truss Member	34	33	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ON BOTTOM OF CHORD AT BOTTOM GUSSET CONNECTIONS ON EAST AND WEST ENDS	4	2	2 Square Feet
910	Corrosion	8"L x 3/4"W x 1/8"D PITTED AREA ACROSS BOTTOM AND INSIDE BOTTOM EDGE OF CHORD ON WEST SIDE OF LOWER GUSSET - CLEANED AND PAINTED	2	1	Feet

General Comments

Span 18 L5L6 SOUTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	28	6	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Damage	IMPACT DAMAGE REPAIR TO CHORD AT L6	2	6	Feet

General Comments

Span 18 L6L7 SOUTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	540	0	0	0 Square Feet
910	Primary Steel Truss Member	34	33	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	2" x 2" SCRAPE ON BOTTOM OUTSIDE EDGE OF CHORD AT MIDSPAN - SURFACE RUST ON EXPOSED STEEL	2	1	Feet

General Comments

Span 18 L7L8 SOUTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	538	0	0	2 Square Feet
910	Primary Steel Truss Member	34	33	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ON BOTTOM OF CHORD AT EAST AND WEST ENDS AROUND BOTTOM PLATES	4	2	2 Square Feet
910	Corrosion	1"W x 16"L PITTED AREA ON BOTTOM OF CHORD AT L8 UP TO 3/16"D - ACTIVE CORROSION PRESENT AT BOTTOM INSIDE CORNER	3	1	1 Feet

General Comments

Span 18 L8L9 SOUTH**Steel Truss Bottom Chord**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	538	0	0	2 Square Feet
910	Primary Steel Truss Member	34	33	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ON BOTTOM OF CHORD AT EAST AND WEST ENDS AROUND BOTTOM PLATES	4	2	2 Square Feet
910	Corrosion	4"W x 2"L x 3/16"D PITTED AREA AT L8 ON NORTH SIDE AT BOTTOM LATERAL GUSSET CONNECTION - CLEANED AND PAINTED	3	1	1 Feet

General Comments

Span 18 L0U0 SOUTH**Steel Truss Vertical**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	315	315	0	0	0 Square Feet
910	Primary Steel Truss Member	33	32	0	0	1 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Connection	(2) MISSING BOLTS AT BOTTOM OF EAST GUSSET AT BEARING (PAR)	4	1	1 Feet

General Comments

Span 18 L8U8 SOUTH**Steel Truss Vertical**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	440	440	0	0	0 Square Feet
910	Primary Steel Truss Member	46	45	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Corrosion	12" LONG AREA OF SECTION LOSS TO GUSSET PLATE ATTACHED TO U8 VERTICAL INTERIOR NORTH SIDE 3/8" REMAINING.,	3	1	Feet

General Comments

Span 18**L9U9 SOUTH****Steel Truss Vertical**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	420	419	0	0	1 Square Feet
910	Primary Steel Truss Member	45	44	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SOUTH FLANGE EAST SIDE NEAR U8 FRECKLED RUST 18" X 6" AREA.	4	1	1 Square Feet
910	Corrosion	SOUTH FLANGE EAST SIDE NEAR U8 FRECKLED RUST 18" X 6" AREA.	2	1	Feet

General Comments

Span 18**L12U12 SOUTH****Steel Truss Vertical**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	315	315	0	0	0 Square Feet
910	Primary Steel Truss Member	33	31	0	0	2 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
910	Connection	2 MISSING BOLTS AT THE BOTTOM OF THE WEST GUSSET AT BEARING. (PAR)	4	2	2 Feet

General Comments

Span 18**U3L4 SOUTH****Steel Truss Diagonal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	540	539	0	0	1 Square Feet
910	Primary Steel Truss Member	56	56	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCRAPE w/ EXPOSED STEEL ON TOP FACE NEAR L4U4	4	1	1 Square Feet

General Comments

Span 18**Floor Beam 0****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	0	60	1	1 Feet
515	Steel Protective Coating	1,098	1,067	0	0	31 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	VERTICAL STIFFNER 5 WEST SIDE HAS BEEN CLEANED, PAINTED WITH CORROSION ARRESTED; HOWEVER A 1/8" DIAMETER HOLE REMAINS.(PAR)	4	1	1 Feet

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152	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. Stiffener 5 has been replaced from the bottom up 6" high. 2018 report had VERTICAL STIFFENER 5, EAST SIDE - 1/4"DEEP x 4"HIGH PITTED AREA WIDE/ ~1" HOLE AT BOTTOM - AREA CLEANED/PAINTED	3	1	1	Feet
152	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. Stiffeners 2, 3, 4 and 6 has been replaced from the bottom up 6" high. 2018 report had VERTICAL STIFFENER 4, EAST SIDE - 1/4"DEEP x 4"HIGH PITTED AREA WIDE/ UP TO ~1" HOLES AT BOTTOM - AREA CLEANED/PAINTED.	2	1		Feet
152	Corrosion	PITTED AREAS UP TO 3/8"DEEP SCATTERED ALONG BOTH SIDES OF BOTTOM FLANGE AND STIFFENERS- CLEANED AND PAINTED.	2	30		Feet
152	Corrosion	UP TO 3/16" DEEP PITTED AREAS ALONG EAST SIDE OF WEB AT BOTTOM FLANGE, UP TO 3" HIGH SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED	2	29		Feet
152	Corrosion	REPAIR PLATE 1" THICK ON BOTTOM FLANGE OVER RIGHT OLD LOCK AREA.	1			Feet
152	Corrosion	REPAIR PLATE 1" THICK ON BOTTOM FLANGE OVER LEFT OLD LOCK AREA.	1			Feet
515	Effectiveness (Steel Protective Coatings)	RUST SCALE ON BOTTOM FLANGE ON WEST SIDE FROM CENTER TO SOUTH END OF FLOORBEAM 20'-4" LONG, WITH 7/16" REMAINING FLANGE. AREA HAS BEEN CLEANED AND PAINTED WITH CORROSION ARRESTED.	4	31	31	Square Feet

General Comments

Span 18

Floor Beam 1

W Type Steel Floor Beam

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	14	46	2	0 Feet
515	Steel Protective Coating	1,178	1,167	0	0	11 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	CENTER BOTTOM LATERAL GUSSET - SOUTH SIDE - UP TO 1/2" PACK RUST BETWEEN GUSSET AND BOTTOM FLANGE ON EAST AND WEST SIDES - 10"L x 4" AREA OF GUSSET AT BOTTOM FLANGE REDUCED TO 3/8" - 60% LOSS TO (2) FASTENERS.	3	1	1 Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOTTOM FLANGE AND BOTTOM LATERAL GUSSET PLATE AT L1 SOUTH, ON EAST AND WEST SIDES	3	1	1 Feet
152	Corrosion	PITTED AREA UP TO 2"W x 5/16"D ACROSS BOTTOM OF BOTTOM FLANGE AT L1 SOUTH LATERAL GUSSET CONNECTION	2	1	Feet
152	Corrosion	PITTED AREAS IN WEB AT BOTTOM FLANGE ON EAST AND WEST SIDES UP TO 3/16"D x 3"H SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED	2	35	Feet
152	Corrosion	BOTTOM FLANGE - SOUTH SIDE OF BOTTOM LATERAL CENTER GUSSET - PITTED AREA UP TO 10"W x 20"L x 1/4"D - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	REPAIR OBSERVED IN 2020 INSP: AREA HAS BEEN CLEANED AND REPAINTED. 2018 REPORT HAD TOP FLANGE, WEST SIDE AT STRINGER 4 - 1-1/2"W x 6"L SECTION REDUCED TO 3/4".	2	1	Feet
152	Corrosion	TOP FLANGE, WEST SIDE AT MID SPAN - 15"L x 2"W SECTION ALONG EDGE OF FLANGE REDUCED TO 3/4" - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	PITTED AREAS ALONG WEST FACE AT BOTTOM FLANGES OF STRINGERS 4,5,6,7,9,10, 11, 12 & 13 - 2" TO 3"HIGH x 3/8"DEEP - CLEANED AND PAINTED	2	7	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AT L1 SOUTH BOTTOM LATERAL GUSSET CONNECTION	4	1	1 Square Feet

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING w/ ACTIVE CORROSION PRESENT AT BOTTOM FLANGE/CENTER BOTTOM LATERAL GUSSET CONNECTION	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON TOP FLANGE - SCATTERED THROUGHOUT.	4	8	8 Square Feet
General Comments					

Span 18**Floor Beam 2****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	6	49	7	0 Feet
515	Steel Protective Coating	1,178	1,170	0	0	8 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	TOP FLANGE REDUCED TO 3/4" ACROSS A 16"L x 3"W AREA ON EAST SIDE BETWEEN STRINGERS 2 & 3 - CLEANED AND PAINTED	3	2	2 Feet
152	Corrosion	BOTTOM LATERAL GUSSET AT L2 SOUTH - UP TO 1/2" PACK RUST BETWEEN GUSSET PLATE AND BOTTOM FLANGE.	3	1	1 Feet
152	Corrosion	TOP FLANGE REDUCED TO 3/4" ACROSS A 30"L x 6"W AREA ON WEST SIDE BETWEEN STRINGERS 2 & 3 - CLEANED AND PAINTED	3	3	3 Feet
152	Corrosion	BOTTOM LATERAL GUSSET AT L2 NORTH - UP TO 3/8" PACK RUST BETWEEN GUSSET PLATE AND BOTTOM FLANGE.	3	1	1 Feet
152	Corrosion	BOTTOM FLANGE - PITTING IN TOP FACE UP TO 3/16"D SCATTERED ACROSS FULL LENGTH, EAST AND WEST SIDES - CLEANED AND PAINTED.	2	20	Feet
152	Corrosion	BOTTOM FLANGE AT L2 NORTH BOTTOM LATERAL GUSSET - 1"W x 12"L AREA PITTED UP TO 3/16"D - CLEANED AND PAINTED.	2	1	Feet
152	Corrosion	BOTTOM FLANGE AT L2 SOUTH BOTTOM LATERAL GUSSET - 16"L x 1-1/2"W x 3/16"D PITTED AREA ON UNDERSIDE OF FLANGE - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	AREAS OF PITTING UP TO 1/8"D x 3"H ON WEB AT BOTTOM FLANGE SCATTERED ALONG FULL LENGTH, EAST AND WEST SIDES - CLEANED AND PAINTED	2	20	Feet
152	Corrosion	TOP FLANGE REDUCED TO 7/8" ACROSS A 16"L x 6"W AREA ON EAST SIDE BETWEEN STRINGERS 1 & 2 AREA HAS BEEN CLEANED AND PAINTED.	2	2	Feet
152	Corrosion	8"L x 2"H x 3/16"D PITTED AREA IN WEST FACE OF WEB AT STRINGER 7 BOTTOM FLANGE - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	9"L x 2-1/2"H x 1/8"D PITTED AREA IN EAST FACE OF WEB AT BOTTOM FLANGE OF STRINGERS 6 & 9 - CLEANED AND PAINTED	2	2	Feet
152	Corrosion	TOP FLANGE BETWEEN STRINGERS 7-8 - 2"W x 18"L AREAS ON EAST AND WEST SIDES REDUCED TO 3/4" - CLEANED AND PAINTED	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	TOP FLANGE SHOWING CORROSION AT TOP FLANGE BETWEEN STRINGERS 2 & 3, FULL FLANGE WIDTH.	2	8	Square Feet
General Comments					

Span 18**Floor Beam 3****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	0	59	3	0 Feet
515	Steel Protective Coating	1,178	1,034	120	0	24 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	3/4" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET - SOUTH SIDE	3	1	1 Feet
152	Corrosion	1-1/2"W x 8"L AREA ON WEST SIDE OF TOP FLANGE AT STRINGER 2 REDUCED TO 3/4" - CLEANED AND PAINTED	3	1	1 Feet
152	Corrosion	11/16" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET - NORTH SIDE	3	1	1 Feet
152	Corrosion	TOP OF BOTTOM FLANGE PITTED UP TO 3/16"D - SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED.	2	15	Feet
152	Corrosion	AREAS OF PITTING UP TO 3/16"D SCATTERED THROUGHOUT UNDERSIDE OF BOTTOM FLANGE ALONG EAST SIDE OF NORTHERN HALF - CLEANED AND PAINTED	2	10	Feet
152	Corrosion	BOTTOM FLANGE - 2"W x 20"L x 1/8"D PITTED AREA ON NORTH SIDE OF CENTER BOTTOM LATERAL GUSSET - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	PITTED AREAS UP TO 3/16"D IN WEB AT BOTTOM FLANGE - SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	24	Feet
152	Connection	40-70% SECTION LOSS TO (2) CENTER BOTTOM LATERAL GUSSET FASTENERS ON EAST SIDE AT BOTTOM FLANGE - CLEANED AND PAINTED	2	1	1 Feet
152	Corrosion	PITTED AREAS IN WEB ON WEST SIDE AT BOTTOM FLANGES OF STRINGERS 2, 3, 6, 7, 9, 10, 11, 12 UP TO 8"L x 2"H x 3/16"D - CLEANED AND PAINTED	2	8	Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PROTECTIVE COATING FAILING ON EAST SIDE AT BOTTOM CENTER LATERAL GUSSET - LOWER WEB, BOTTOM FLANGE, AND TOP OF GUSSET	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ACROSS TOP OF TOP FLANGE - SCATTERED THROUGHOUT	4	20	20 Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST DEVELOPING ON UNDERSIDE OF BOTTOM FLANGE.	2	120	120 Square Feet

General Comments

Span 18**Floor Beam 4****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	0	61	1	0 Feet
515	Steel Protective Coating	1,167	1,151	0	0	16 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	3" x 3" AREA ON WEST SIDE OF TOP FLANGE BETWEEN STRINGERS 3 & 4 REDUCED TO 3/4" - CLEANED AND PAINTED.	3	1	1 Feet
152	Corrosion	1"W x 10"L AREA ON UNDERSIDE OF BOTTOM FLANGE AT LOWER GUSSET ON NORTH END REDUCED TO 7/8"	2	1	Feet
152	Corrosion	PITTING UP TO 1/8"D SCATTERED THROUGHOUT BOTTOM 2" OF WEB AND TOP OF BOTTOM FLANGE ON EAST AND WEST SIDES - CLEANED AND PAINTED.	2	60	Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PROTECTIVE COATING FAILING ON WEST SIDE AT BOTTOM FLANGE AND LOWER WEB FROM VERTICAL STIFFENER 1 TO 4 - AREAS OF EXPOSED STEEL WITH SURFACE RUST	4	16	16 Square Feet

General Comments**Span 18****Floor Beam 5****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	5	32	25	0 Feet
515	Steel Protective Coating	1,178	1,158	0	0	20 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	TOP FLANGE, WEST SIDE, BETWEEN STRINGERS 3 & 4 - 3/4" TO 7/8" REMAINING THICKNESS ACROSS A 3'L x 6"W AREA - ACTIVE CORROSION ON TOP OF FLANGE	3	3	3 Feet
152	Corrosion	3/4" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ALONG SOUTH SIDE.	3	1	1 Feet
152	Corrosion	5/8" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ALONG NORTH SIDE	3	1	1 Feet
152	Corrosion	PITTING IN LOWER WEB AT BOTTOM FLANGE UP TO 1/4"D x 2"H SCATTERED THROUGHOUT ON EAST AND WEST SIDES - CLEANED AND PAINTED	3	20	Feet
152	Connection	50-80% LOSS TO (5) CENTER BOTTOM LATERAL GUSSET FASTENERS AT BOTTOM FLANGE ON WEST SIDE	2	3	3 Feet
152	Corrosion	PITTED AREAS ON EAST FACE OF WEB AT STRINGER 12 UP TO 4"HIGH x 8"WIDE x 3/16"DEEP - CLEANED AND PAINTED.	2	2	Feet
152	Corrosion	TOP FLANGE, EAST SIDE - 20"L x 2"W SECTION ALONG EAST EDGE BETWEEN STRINGERS 2 & 3 REDUCED TO 7/8"- 11/16" - CLEANED AND PAINTED	2	2	Feet
152	Connection	60-90% LOSS TO (7) CENTER BOTTOM LATERAL GUSSET FASTENERS AT BOTTOM FLANGE ON EAST SIDE	2	3	3 Feet
152	Corrosion	1-1/2"W x 16"L x 1/4"D PITTED AREA ON UNDERSIDE OF BOTTOM FLANGE ALONG SOUTH SIDE OF CENTER BOTTOM LATERAL GUSSET - CLEANED AND PAINTED	2	1	Feet
152	Corrosion	1"W x 16"L x 3/16"D PITTED AREA ON UNDERSIDE OF BOTTOM FLANGE ALONG NORTH SIDE OF CENTER BOTTOM LATERAL GUSSET - CLEANED AND PAINTED.	2	1	Feet
152	Corrosion	BOTTOM FLANGE - PITTING IN TOP UP TO 1/4"D SCATTERED THROUGHOUT ON EAST AND WEST SIDES - CLEANED AND PAINTED.	2	20	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ON TOP OF TOP FLANGE - SCATTERED THROUGHOUT	4	20	20 Square Feet

General Comments**Span 18****Floor Beam 6****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	0	53	9	0 Feet
515	Steel Protective Coating	1,178	1,170	0	0	8 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	1/4" PACK RUST BETWEEN BOTTOM FLANGE AND BOTTOM LATERAL GUSSET AT L6 NORTH	3	1	1 Feet
152	Corrosion	8'L SECTION OF TOP FLANGE ON WEST SIDE FROM STRINGER 2 TO 4 REDUCED TO 3/4" - AREA VARIES FROM 2" TO 8"W	3	8	8 Feet
152	Corrosion	6"W x 4"H X 3/16"D PITTED AREA ON EAST SIDE OF WEB AT STRINGER 12 CONNECTION - CLEANED AND PAINTED	2		Feet

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152	Damage	BOTTOM FLANGE ON THE WEST FACE HAS AN AREA OF DAMAGE, 2 FT. LONG X 1/4" DOWN, BETWEEN STRINGERS 13 AND 14.	2		Feet
152	Corrosion	PITTED AREAS IN TOP AND BOTTOM FLANGES ON EAST AND WEST SIDES UP TO 3/16"D SCATTERED THROUGHOUT LENGTH - CLEANED AND PAINTED	2	30	Feet
152	Corrosion	PITTED AREAS IN WEB AT BOTTOM FLANGE UP TO 2"H x 3/16"D SCATTERED THROUGHOUT LENGTH ON EAST AND WEST SIDES -CLEANED AND PAINTED	2	20	Feet
152	Corrosion	WEST SIDE OF WEB PITTED AT BOTTOM FLANGES OF STRINGERS 3, 4, 10, 11, 12 & 13 - AREAS ARE 3" TO 6"WIDE x 4"HIGH AND UP TO 3/16"DEEP - CLEANED AND PAINTED	2	3	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ACROSS 8'L SECTION OF TOP FLANGE FROM STRINGER 2 TO 4 - ACTIVE CORROSION ON EXPOSED STEEL	4	8	8 Square Feet

General Comments

Span 18**Floor Beam 7****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	15	30	17	0 Feet
515	Steel Protective Coating	1,178	1,173	0	0	5 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	1/2" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON NORTH SIDE.	3	1	1 Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON SOUTH SIDE	3	1	1 Feet
152	Corrosion	6"L x 2"W AREA ON WEST SIDE OF TOP FLANGE BETWEEN STRINGERS 3 & 4 REDUCED TO 3/4" - CLEANED AND PAINTED - PROTECTIVE COATING FAILING w/ ACTIVE CORROSION PRESENT	3	3	Feet
152	Corrosion	PITTED AREAS UP TO 1/4"D ON TOP OF BOTTOM FLANGE SCATTERED THROUGHOUT FULL LENGTH ON EAST AND WEST SIDES - CLEANED AND PAINTED.	3	12	Feet
152	Corrosion	PITTED AREAS 1-1/2" TO 3"H x 8"L x 1/8 TO 3/16"D ON EAST SIDE OF WEB AT STRINGERS 5, 6, & 7 - CLEANED AND PAINTED.	2	3	Feet
152	Corrosion	PITTED AREAS ON TOP OF TOP FLANGE UP TO 3/16"D SCATTERED THROUGHOUT - CLEANED AND PAINTED	2	19	Feet
152	Corrosion	SPAN 18 CENTER BOTTOM LATERAL GUSSET AT FB 7: PITTED AREA ON TOP AT THE NORTHEAST CORNER, 7" X 7" X 1/4" DEEP, CLEANED AND PAINTED.	2	1	Feet
152	Connection	CENTER BOTTOM LATERAL GUSSET - 30% - 90% LOSS TO (6) FASTENERS AT BOTTOM FLANGE ON EAST SIDE	2	1	1 Feet
152	Corrosion	PITTED AREAS UP TO 1"W x 18"L x 1/8"D ON BOTTOM FLANGE AT CENTER BOTTOM LATERAL GUSSET ON NORTH AND SOUTH SIDES	2	1	Feet
152	Corrosion	PITTED AREAS ON WEB AT BOTTOM FLANGE 1-1/2" TO 3"H x 1/8" TO 3/16"D SCATTERED THROUGHOUT FULL LENGTH ON EAST AND WEST SIDES - CLEANED AND PAINTED	2	5	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING ON TOP OF TOP FLANGE BETWEEN STRINGERS 2 THRU 4 - ACTIVE CORROSION PRESENT	4	5	5 Square Feet

General Comments

Span 18**Floor Beam 8****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam	62	13	49	0	0	Feet
515	Steel Protective Coating	1,178	1,178	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
152	Corrosion	TOP FLANGE - WEST SIDE - BETWEEN STRINGERS 3 & 4 - 18"L x 2"W SECTION ALONG EDGE REDUCED TO ~3/4" - CLEANED AND PAINTED	2	2		Feet
152	Corrosion	10"L x 3"H PITTED AREA UP TO 3/16"D ON WEST SIDE OF WEB AT STRINGER 10 & 12 CONNECTIONS - CLEANED AND PAINTED	2	2		Feet
152	Corrosion	PITTING UP TO 3/16" DEEP IN TOP OF BOTTOM FLANGE SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	25		Feet
152	Corrosion	6"LONG x 6"HIGH PITTED AREA UP TO 1/8"DEEP ON EAST SIDE OF WEB AT STRINGERS 5 & 7 CONNECTIONS - CLEANED AND PAINTED	2	2		Feet
152	Corrosion	PITTED AREAS UP TO 3"H x 3/16"D IN WEB AT BOTTOM FLANGE SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	18		Feet

General Comments

Span 18**Floor Beam 9****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam	62	12	24	25	1	Feet
515	Steel Protective Coating	1,178	1,178	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
152	Corrosion	OBSERVED IN 2020 INSP: VERTICAL STIFFENER 12 ON EAST SIDE - 2"H PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" - CLEANED AND PAINTED. PAR ISSUED.	4	1	1	Feet
152	Corrosion	PITTED AREAS IN WEB ON EAST SIDE AT BOTTOM FLANGES OF STRINGERS 3, 5, 6, 7, 8 AND 11 UP TO 3"HIGH x 10"WIDE x 3/16"DEEP - CLEANED AND PAINTED	3	5	5	Feet
152	Corrosion	VERTICAL STIFFENER 12 AND 13 ON EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" WIDE/ ~3/4" HOLES AT EDGES - AREA CLEANED AND PAINTED	3	1	1	Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON NORTH SIDE.	3	1	1	Feet
152	Corrosion	5/8" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON SOUTH SIDE	3	1	1	Feet
152	Corrosion	8"L SECTION OF TOP FLANGE ON WEST SIDE FROM STRINGER 2 TO 4 REDUCED TO 3/4" - AREA VARIES FROM 2" TO 8"W - CLEANED AND PAINTED.	3	8	8	Feet
152	Corrosion	PITTED AREAS IN WEB ON WEST SIDE AT BOTTOM FLANGES OF STRINGERS 5, 8, 9, 10, 11 UP TO 3"H x 9"W x 1/4"D - CLEANED AND PAINTED	3	5	5	Feet
152	Corrosion	PITTED AREA UP TO 1-1/2"W x 1/4"D ACROSS UNDERSIDE OF BOTTOM FLANGE ON NORTH SIDE OF CENTER BOTTOM LATERAL GUSSET - CLEANED AND PAINTED	3	1		Feet
152	Corrosion	8"LONG x 4"WIDE AREA ON EAST SIDE OF BOTTOM FLANGE BETWEEN STRINGERS 3 & 4 REDUCED TO 11/16" - CLEANED AND PAINTED	3	1	1	Feet

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152	Corrosion	VERTICAL STIFFENER 7 ON WEST SIDE - 4"H PITTED AREA AT BOTTOM FLANGE w/ 1/8" REMAINING SECTION IN LOWER 1-1/2" OF AREA - CLEANED AND PAINTED	3	1	1	Feet
152	Corrosion	VERTICAL STIFFENER 7 ON EAST SIDE - 4"H PITTED AREA AT BOTTOM FLANGE - LOWER 1-1/2" OF AREA REDUCED TO KNIFE EDGE - CLEANED AND PAINTED	3	1	1	Feet
152	Corrosion	PITTED AREAS UP TO 3/16"D ACROSS TOP OF BOTTOM FLANGE SCATTERED THROUGHOUT ON EAST AND WEST SIDES - CLEANED AND PAINTED	2	12		Feet
152	Corrosion	PITTED AREAS IN WEB AT BOTTOM FLANGE UP TO 3"H x 3/16"D SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	10		Feet
152	Connection	NEW REPAIR OBSERVED IN 2021 INSPECTION (6) NEW BOLTS AT CENTER BOTTOM LATERAL CONNECTION, 2020 INSPECTION REPORT - CENTER BOTTOM LATERAL GUSSET - 30% - 90% LOSS TO (8) FASTENERS AT BOTTOM FLANGE ON EAST SIDE - CLEANED AND PAINTED	2	1	1	Feet
152	Corrosion	PITTED AREA UP TO 2"W x 3/16"D ACROSS UNDERSIDE OF BOTTOM FLANGE ON SOUTH SIDE OF CENTER BOTTOM LATERAL GUSSET - CLEANED AND PAINTED	2	1		Feet
152	Corrosion	REPAIR OBSERVED 2021 INSPECTION 7"HIGH 6" X 6" X 3/8" ANGLE BOLTED TO EAST AND WEST FACES ON SOUTH SIDE OF STIFFENER 4, 2020 INSPECTION HAD 7" x 7" PITTED AREA IN WEB AT BOTTOM FLANGE WIDE/ 3/16" DIAMETER HOLE - AREA ADJACENT TO VERTICAL STIFFENER 4 - CLEANED AND PAINTED	1			Feet
152	Corrosion	REPAIR OBSERVED 2021 INSPECTION 7"HIGH REPAIR FROM TOP OF BOTTOM FLANGE WITH SURFACE RUST, 2020 INSPECTION HAD VERTICAL STIFFENER 2 ON EAST SIDE - 3"HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 2" OF AREA REDUCED TO KNIFE EDGE WIDE/ (2) 1/2" TO 1-1/2" DIAMETER HOLES - CLEANED AND PAINTED	1			Feet

General Comments

Span 18

Floor Beam 10

W Type Steel Floor Beam

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	21	30	10	1 Feet
515	Steel Protective Coating	1,178	1,164	0	0	14 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	OBSERVED IN 2020 INSP: VERTICAL STIFFENER 11 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1-1/2" DIAMETER HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA, PAR ISSUED.	4	1	1 Feet
152	Corrosion	(PAR) VERTICAL STIFFENER 12 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA	3	1	1 Feet
152	Corrosion	PITTED AREA UP TO 3"W x 1/4"D ACROSS UNDERSIDE OF BOTTOM FLANGE AT BOTTOM LATERAL GUSSET ON SOUTH END - CLEANED AND PAINTED	3	1	Feet
152	Corrosion	VERTICAL STIFFENER 12 WEST SIDE - 2"H PITTED AREA AT BOTTOM FLANGE w/ 1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PM	3	1	1 Feet
152	Corrosion	FB 10, EAST SIDE, STIFFENER 7 HAS 1/16" REMAINING ADJACENT TO THE BOTTOM FLANGE, 2" HIGH X 6" LONG CLEANED AND PAINTED.	3	1	1 Feet
152	Corrosion	3/8" PACK RUST BETWEEN BOTTOM FLANGE AND BOTTOM LATERAL GUSSET AT NORTH END	3	1	1 Feet
152	Corrosion	1/4" PACK RUST BETWEEN BOTTOM FLANGE AND LATERAL GUSSET AT SOUTH END	3	1	1 Feet

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152	Corrosion	SEE REPAIR NOTE ABOUT BOLTED ANGLES - 3"LONG x 2"HIGH PITTED AREA WIDE/ 1/4" DIAMETER HOLE IN WEB AT BOTTOM FLANGE ON SOUTH SIDE OF VERTICAL STIFFENER 9	3	1	1	Feet
152	Corrosion	VERTICAL STIFFENER 5 EAST - 4"HIGH SECTION AT BOTTOM FLANGE PITTED WIDE/ 1-1/2"HIGH x 1/2"WIDE HOLE AT EDGE - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1-1/2" OF AREA - CLEANED AND PAINTED.	3	1	1	Feet
152	Corrosion	VERTICAL STIFFENER 6 ON WEST SIDE - 2-1/2"H PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" - CLEANED AND PAINTED	3	1	1	Feet
152	Corrosion	FB 10, EAST SIDE, STIFFENER 8 HAS 1/16" REMAINING ADJACENT TO THE BOTTOM FLANGE, 2" HIGH X 6" LONG, AREA HAS BEEN CLEANED AND REPAINTED	3	1	1	Feet
152	Corrosion	TOP FLANGE, EAST SIDE, BEGINNING AT STRINGER 2 - 14'L x 2-1/2"W AREA ALONG EDGE REDUCED TO 3/4" - CLEANED AND PAINTED	2	14		Feet
152	Corrosion	ACTIVE CORROSION ON EXPOSED STEEL ALONG 14" SECTION OF BOTTOM FLANGE ON EAST SIDE AT 5' FROM SOUTH END - NO MEASURABLE SECTION LOSS	2	2		Feet
152	Corrosion	PITTED AREAS UP TO 4"H x 3/16"D IN WEB AT BOTTOM FLANGE SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	12		Feet
152	Corrosion	2021 INSPECTION THERE IS NO CENTER GUSSET PLATE 2020 INSPECTION HAD BOTTOM FLANGE HAS PITTED AREAS AROUND BOTH SIDES OF CENTER GUSSET PLATE, .25"DEEP X 2"WIDE X FULL WIDTH OF BOTTOM FLANGE.	2	2		Feet
152	Corrosion	FB 10, EAST SIDE, STIFFENER 9 HAS BEEN REPAIRED ADJACENT TO THE BOTTOM FLANGE, WITH A 6" X 6" X 7" HIGH X 1/2" THICK ANGLE BOLTED TO THE STIFFENER AND WEB ON THE SOUTH SIDE OF THE WEST AND EAST FACES.	1			Feet
152	Corrosion	OBSERVED IN 2020 INSP: STIFFENERS 1 AND 2 HAVE BEEN REPAIRED FROM THE BOTTOM UP 7" HIGH. 2018 REPORT HAD VERTICAL STIFFENER 2 WEST - 3"HIGH PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM WIDE/ ~2" DIAMETER HOLE AT WEB - 1/16" TO 1/8"REMAINING SECTION IN LOWER 1" OF AREA.	1			Feet
152	Corrosion	REPAIR OBSERVED IN 2021 INSP: STIFFENER 1 HAS BEEN REPAIRED FROM THE BOTTOM UP 7" HIGH. 2020 REPORT HAD VERTICAL STIFFENER 1 EAST - 3"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ ~1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA	1			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AROUND BOTTOM LATERAL GUSSET AT NORTH END	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING IN AREAS SCATTERED ACROSS TOP OF TOP FLANGE	4	10	10	Square Feet
515	Effectiveness (Steel Protective Coatings)	14"L SECTION OF PROTECTIVE COATING FAILED ALONG EAST SIDE OF BOTTOM FLANGE AT 5' FROM SOUTH END - ACTIVE CORROSION ON EXPOSED STEEL	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST ON BOTTOM GUSSET FASTENERS AT SOUTH END	4	2	2	Square Feet

General Comments

Span 18

Floor Beam 11

W Type Steel Floor Beam

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	6	28	28	0 Feet
515	Steel Protective Coating	1,178	1,178	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	PITTED AREAS IN WEB AT BOTTOM FLANGE UP TO 3"H x 1/4"D SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	3	20	20 Feet

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152	Corrosion	1/4" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON NORTH SIDE AT WEST EDGE	3	1	1	Feet
152	Corrosion	2"HIGH x 10"LONG x 1/4"DEEP PITTED AREAS IN WEB ON EAST SIDE AT BOTTOM FLANGES OF STRINGERS 6, 7, 8, 10 AND 11 - CLEANED AND PAINTED	3	5	5	Feet
152	Corrosion	VERTICAL STIFFENER 12 WEST - PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM UP TO 3"H w/ 2"L x 1/2"H HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1/2" OF AREA - CLEANED AND PAINTED - PM	3	1	1	Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET ON NORTH SIDE AT EAST EDGE	3	1	1	Feet
152	Corrosion	18"L x 2"W SECTION ALONG EAST EDGE OF TOP FLANGE BETWEEN STRINGERS 7 & 8 REDUCED TO 3/4" - CLEANED AND PAINTED	2	2		Feet
152	Corrosion	FB 11, WEST SIDE, STIFFENER 11 HAS BEEN REPAIRED ADJACENT TO THE BOTTOM FLANGE, WITH A 6" X 6" X 7" HIGH X 1/2" THICK ANGLE BOLTED TO THE STIFFENER AND WEB ON THE NORTH SIDE. EAST AND WEST FACES. 2018 REPORT HAD 3"LONG x 1"HIGH PITTED AREA IN WEB WIDE/ 1/4" DIAMETER HOLE - AT BOTTOM FLANGE ADJACENT TO VERTICAL STIFFENER 11 - AREA CLEANED AND PAINTED - PROMPT ACTION REQUEST.	2	1		Feet
152	Corrosion	PITTED AREAS UP TO 1/4"D SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE ON EAST AND WEST SIDES - CLEANED AND PAINTED	2	25		Feet

General Comments**Span 18****Floor Beam 12****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	1	32	8	21 Feet
515	Steel Protective Coating	1,098	1,048	0	0	50 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	LOSS OF SECTION .625" WITH .683" REMAINING BOTTOM EAST FLANGE 4' LONG X 3.25" WIDE OVER OLD ANCHOR POINT BEGINNING 2' LEFT OF NORTHEAST BEARING. PAINT HAS FAILED. (PAR)	4	4	4 Feet
152	Corrosion	LOSS OF SECTION .680" WITH .628" REMAINING BOTTOM EAST FLANGE 17' LONG X UP TO 5-1/2" WIDE BETWEEN LEFT LOCK AND CENTERLINE SUPPORT PEDESTAL. (PAR)	4	17	17 Feet
152	Corrosion	LATERAL BRACING FROM FLOORBEAM 11 TO U12 AT U12 SURFACE RUST ON BOLTS.	3		Feet
152	Corrosion	STIFFNER 4, 5, 6, 7 AND 8 WEST SIDE AT BOTTOM FLANGE 4"HIGH X 3/8"DEEP PITTING THAT HAS BEEN CLEANED AND PAINTED.	3		Feet
152	Corrosion	STIFFNER 6 EAST SIDE HAS LOSS OF SECTION .128" WITH .264" REMAINING ALONG BOTTOM 5" HIGH.	3	1	1 Feet
152	Corrosion	1" HOLE IN WEB AT BOTTOM FLANGE BETWEEN STRINGERS 4 & 5 - PM	3	1	1 Feet
152	Corrosion	PITTED AREA w/ (2) 1/4" DIAMETER HOLES IN WEB AT BOTTOM FLANGE UNDER STRINGER 7 - AREA CLEANED AND PAINTED	3	1	1 Feet
152	Corrosion	(PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.	3	4	4 Feet
152	Corrosion	STIFFNER 11 AND 12 EAST SIDE HAS 3/4" HOLE AT WEB THAT HAVE BEEN CLEANED, PAINTED AND ARRESTED.	3	1	1 Feet
152	Corrosion	LATERAL BRACING FROM FLOORBEAM 11 TO U12 BEGINNING AT U12 FOR 9' BOTTOM FLANGE CLEANED AND PAITED WITH 1/2" AVERAGE REMAINING.	2		Feet

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152	Corrosion	PITTING UP TO 1/4"D SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE ON EAST AND WEST SIDES - CLEANED AND PAINTED	2	18	Feet
152	Connection	LATERAL BRACING FROM FLOORBEAM 11 TO L12 AT MID LENGTH LOOSE BOLTS IN CONNECTION TO VERTICAL BRACE.	2		Feet
152	Corrosion	CORROSION CLEANED AND PAINTED WITH CORROSION ARRESTED OVER PITTING 1/8" IN WEB AT STIFFNERS 8 AND 9.	2	1	Feet
152	Corrosion	PITTING IN WEB AT BOTTOM FLANGE UP TO 5"H x 3/16"D SCATTERED THROUGHOUT EAST AND WEST SIDES - CLEANED AND PAINTED	2	9	Feet
152	Corrosion	STIFFNERS OF WEST SIDE OF FLOORBEAM HAVE BEEN CLEANED, PAINTED WITH CORROSION ARRESTED.	2	4	Feet
152	Corrosion	REPAIR PLATE 12" X 12" X 1" THICK OVER OLD LOCK POINT IN BOTTOM FLANGE.	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING IN AREAS ON BOTTOM FLANGE AND LOWER WEB	4	50	50 Square Feet

General Comments

Span 18**Stringer 1****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	358	36	26	0 Feet
515	Steel Protective Coating	2,206	2,188	0	0	18 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREAS UP TO 1/4"D SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE - CLEANED AND PAINTED	3	20	20 Feet
113	Corrosion	BETWEEN FB's 11-12 - 6'L x 2"H x 3/16"D PITTED AREA IN LOWER WEB AT MIDSPAN - CLEANED AND PAINTED.	3	6	6 Feet
113	Corrosion	BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.	2	36	Feet
113	Connection	NEW REPAIR 2021 INSPECTION: BETWEEN FB's 4-5 (1) NEW BOLT AT TOP NORTH SIDE AT FLOORBEAM 4.	1		Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION BETWEEN FB 11 - 12, BEGINNING AT FLOORBEAM 12 FOR 7.5' A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB, 2018 REPORT HAD BETWEEN FB's 11-12 - SECTION LOSS TO KNIFE EDGE IN AREAS UP TO 2-1/2"WIDE x 6"LONG SCATTERED ALONG NORTH AND SOUTH SIDES OF TOP FLANGE - UP TO 1" REDUCTION IN FLANGE WIDTH AT SOME LOCATIONS - CLEANED AND PAINTED	1		Feet
515	Effectiveness (Steel Protective Coatings)	BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.	4	18	18 Square Feet

General Comments

Span 18**Stringer 2****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	244	67	108	1 Feet
515	Steel Protective Coating	2,206	2,172	0	0	34 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Connection	ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.	4	1	1 Feet

113	Corrosion	BETWEEN FB's 10-11 - PITTED AREAS UP TO 1/4" SCATTERED THROUGHOUT UNDERSIDE OF TOP FLANGE ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED	3	18	18	Feet
113	Corrosion	BETWEEN FB's 7-8 - BOTTOM FLANGE REDUCED TO 1/4" IN MULTIPLE AREAS ALONG EAST HALF OF SOUTH SIDE - CLEANED AND PAINTED	3	15	15	Feet
113	Corrosion	BETWEEN FB's 8-9 - PITTED AREAS UP TO 1/4"D SCATTERED THROUGHOUT BOTTOM OF TOP FLANGE ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED.	3	20	20	Feet
113	Corrosion	BETWEEN FB's 6-7 - PITTED AREA UP TO 6"H x 4"L x 1/4"D IN WEB ON NORTH SIDE AT FB 7 CONNECTION	3	1	1	Feet
113	Corrosion	(PAR) BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.	3	34	34	Feet
113	Corrosion	BETWEEN FB'S 2 - 3, PITTING ON WEB AT BOTTOM FLANGE UP TO 3/16"D x 3"H SCATTERED THROUGHOUT NORTH AND SOUTH SIDES - CLEANED AND PAINTED	3	20	20	Feet
113	Corrosion	BETWEEN FB's 5-6 - TOP FLANGE, NORTH SIDE - 17'L SECTION PITTED UP TO 1/8" DEEP BEGINNING AT FB 6 - CLEANED AND PAINTED	2	17		Feet
113	Corrosion	BETWEEN FB's 11-12 - 2"W SECTIONS ON NORTH AND SOUTH EDGES OF TOP FLANGE REDUCED TO 1/4" - CLEANED AND PAINTED	2	30		Feet
113	Corrosion	BETWEEN FB's 6-7 - PITTED AREAS IN WEB AT BOTTOM FLANGE UP TO 2"H x 1/8"D SCATTERED THROUGHOUT FULL LENGTH ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED	2	20		Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 11 - 12, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 30 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB, 2018 REPORT HAD BETWEEN FB's 11-12 - PITTED AREAS UP TO 1/4" DEEP SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED.	1			Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 10 - 11, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 34 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB. 2018 REPORT HAD BETWEEN FB's 10-11 - SOUTH HALF OF BOTTOM FLANGE PITTED UP TO 1/4" DEEP ALONG TOP - CLEANED AND PAINTED.	1			Feet
113	Connection	REPAIR OBSERVED IN 2020 INSP: BOLT REPLACED. 2018 REPORT HAD (1) SHEARED BOLT AT FLOOR BEAM 4 CONNECTION - SOUTH ANGLE BRACKET - TOP BOLT	1			Feet
113	Corrosion	BETWEEN FB 0 - 1, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, STARTING 9.2 FOOT. FROM FB 0, 7.5 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA.	1			Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 5 - 6, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 34' LONG. 6" X 5" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE. BEGINNING 5.2' FROM FLOORBEAM 5 FOR 12' A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB. 2018 REPORT HAD PITTED AREAS UP TO 1/4" DEEP SCATTERED ACROSS FULL LENGTH OF BOTTOM FLANGE ON SOUTH SIDE.	1			Feet
113	Corrosion	REPAIRED SEE REPAIR NOTE FOR DETAILS: BETWEEN FB's 5-6 - 1" HOLE IN WEB AT BOTTOM FLANGE LOCATED 9'-8" FROM FB 5 - PROMPT ACTION REQUEST	1			Feet

113	Corrosion	REPAIRED SEE REPAIR NOTE FOR DETAILS: BETWEEN FB's 5-6 - BOTTOM FLANGE, SOUTH SIDE AT FB 6 - 3'L SECTION ON TOP FACE PITTED UP TO 1/4"DEEP - CLEANED AND PAINTED	1			Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 7 - 8, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 34 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. 2018 REPORT HAD BETWEEN FB's 7-8 - PITTED AREA ON WEB AT BOTTOM FLANGE ALONG SOUTH SIDE UP TO 3"HIGH x 1/4"DEEP - CLEANED AND PAINTED.	1			Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION:: REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 34" LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. 2018 REPORT HAD BETWEEN FB's 6-7 - SECTIONS OF BOTTOM FLANGE SCATTERED THROUGHOUT FULL LENGTH OF NORTH AND SOUTH SIDES REDUCED TO 1/4" - CLEANED AND PAINTED	1			Feet
113	Corrosion	REPAIRED SEE REPAIR NOTE FOR DETAILS: BETWEEN FB's 5-6 - PITTED AREAS ON NORTH AND SOUTH SIDES OF WEB AT BOTTOM FLANGE UP TO 2-1/2"HIGH x 1/4"DEEP SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED	1			Feet
515	Effectiveness (Steel Protective Coatings)	BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.	4	34	34	Square Feet

General Comments

Span 18

Stringer 3

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	397	20	3	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	3	1	1 Feet
113	Connection	ONE BOLT MISSING ON THE SOUTH SIDE OF STRINGER CONNECTION TO FLOOR BEAM 1, PAR ISSUED.	3	1	1 Feet
113	Connection	BETWEEN FB 7-8, TOP BOLT HAS SHEARED AT SOUTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.	3	1	1 Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 5-6 - 1-1/2"LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSPECTION CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2020 REPORT HAD BETWEEN FB's 2-3 - 1/2"LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 3-4 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	AT FB 11 CONNECTION - 17'L SECTION OF BOTTOM FLANGE HAS PITTED AREAS UP TO 3/16"D SCATTERED THROUGHOUT ON EAST AND WEST SIDES - CLEANED AND PAINTED	2	17	Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 7 - 8, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 4 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 8.	1		Feet

113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 10 - 11, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 9 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 11.	1	Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 9 - 10, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 5 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 9.	1	Feet

General Comments

Span 18

Stringer 4

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	341	37	41	1 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	BETWEEN FB's 3 & 4 - (2) 1/2" HOLES w/ 6"L x 4"W PITTED AREA ON NORTH SIDE OF TOP FLANGE AT 3' FROM FROM FB 4 CONNECTION - AREA CLEANED AND PAINTED, PAR ISSUED.	4	1	1 Feet
113	Corrosion	BETWEEN FB'S 2-3 - 1'L SECTION OF TOP FLANGE AT FB 2 CONNECTION PITTED UP TO 1/4"D - CLEANED AND PAINTED	3	1	1 Feet
113	Corrosion	BETWEEN FB's 7- 8 - PITTED AREA UP TO 3/16"D x 2"H x 17"L IN LOWER WEB AT FB7 CONNECTION - CLEANED AND PAINTED	3	2	2 Feet
113	Corrosion	BETWEEN FB's 8-9 - PITTED AREAS UP TO 3/16"D SCATTERED THROUGHOUT BOTTOM OF TOP FLANGE ON NORTH SIDE - CLEANED AND PAINTED	3	15	15 Feet
113	Cracking	BETWEEN FB's 7-8 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	3	1	1 Feet
113	Connection	BETWEEN FB 6-7, CONNECTION TO FB 7, TOP BOLT AT NORTH SIDE OF STRINGER IS SHEARED, PAR ISSUED.	3	1	1 Feet
113	Connection	BETWEEN FB 7-8, TOP (2) BOLTS HAVE SHEARED AT NORTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.	3	1	1 Feet
113	Corrosion	BETWEEN FB's 6-7 - PITTED AREAS ON BOTTOM OF TOP FLANGE UP TO 1/4"D SCATTERED THROUGHOUT FULL LENGTH ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED	3	20	20 Feet
113	Cracking	BETWEEN FB's 11-12 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 3-4 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 6-7 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 0-1 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 2-3 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	BETWEEN FB's 5-6 - PITTED AREAS UP TO 3/16"D SCATTERED THROUGHOUT BOTTOM OF TOP FLANGE ON NORTH SIDE - CLEANED AND PAINTED	2	10	Feet
113	Corrosion	BETWEEN FB'S 6-7 - PITTED AREAS IN WEB AT BOTTOM FLANGE UP TO 1/8"D x 2"H SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED	2	15	Feet
113	Cracking	BETWEEN FB's 1-2 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION ON EAST SIDE	2	1	Feet

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113	Cracking	BETWEEN FB's 4-5 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 9-10 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 1-2 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION ON WEST SIDE	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSPECTION CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2020 REPORT HAD BETWEEN FB's 5-6 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Damage	BETWEEN FB's 4-5 - SOUTH SIDE TOP FLANGE 10' FROM FLOORBEAM 4, 3/8" DIAMETER HOLE.	2	1	Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 7 - 8, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 6 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 8.	1		Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 7 - 8, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 6 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 7.	1		Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 0 - 1, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, STARTING 7 FOOT. FROM FB 0, 6 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. 2018 REPORT HAD BETWEEN FB'S 0-1 - 17'L x 3"HIGH AREA OF WEB AT BOTTOM FLANGE ON SOUTH SIDE PITTED UP TO 1/8"DEEP - BEGINNING AT FB 0 AND CONTINUING EAST - CLEANED AND PAINTED.	1		Feet

General Comments

Span 18

Stringer 5

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	407	10	3	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	BETWEEN FB'S 1- 2 - 1-1/2"LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	3	1	1 Feet
113	Cracking	BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS BOTTOM OF DIAPHRAGM CONNECTION	3	1	1 Feet
113	Cracking	BETWEEN FB's 9-10 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST	3	1	1 Feet
113	Cracking	BETWEEN FB's 6-7 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 11-12 - 1-1/2"LONG CRACK IN WEB ACROSS TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 5-6 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 2-3 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK HAS BEEN ARRESTED, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 3-4 - (2) 1/8" LONG CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 10-11 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 0-1 - CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION PROPAGATED 1/8" PAST ARREST HOLE ON EAST SIDE - PM	2	1	Feet
113	Cracking	BETWEEN FB's 4-5 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 7-8 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION: 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH 2020 REPORT HAD BETWEEN FB's 7-8 - PITTED AREAS ON WEB AT BOTTOM FLANGE ON NORTH SIDE UP TO 3" HIGH x 1/8" DEEP SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED	1		Feet

General Comments

Span 18**Stringer 6****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	415	3	2	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	BETWEEN FB's 7-8 - 6"H x 2"W PITTED AREA UP TO 3/16"D ON SOUTH SIDE OF LOWER WEB AT FB 8 CONNECTION - CLEANED AND PAINTED.	3	1	1 Feet
113	Cracking	BETWEEN FB's 8-9 - 1/2" LONG CRACK AT BOTTOM OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	3	1	1 Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 10-11 - 3/4"L CRACK IN WEB ABOVE WELD AT TOP OF DIAPHRAGM CONNECTION - PM.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACKS NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 7-8 - (2) 1" CRACKS AT TOP OF DIAPHRAGM CONNECTION ON NORTH SIDE - (1) IN WELD AT BRACKET, (1) AT TOE OF WELD AT STRINGER WEB	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACKS NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 7-8 - 1-1/2" CRACK IN BOTTOM OF DIAPHRAGM CONNECTION BRACKET ON SOUTH SIDE	2	1	Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH BETWEEN FB 11 AND 12 AREA PAINTED OVER. 2018 REPORT HAD BETWEEN FB'S 11-12 - PITTING ALONG LOWER WEB UP TO 3/16" DEEP SCATTERED THROUGHOUT NORTH AND SOUTH SIDES - CLEANED AND PAINTED.	1		Feet

General Comments

Span 18**Stringer 7****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	369	31	20	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	BETWEEN FB's 5-6 - 1" CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION - SOUTH SIDE - PROMPT ACTION REQUEST	3	1	1 Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH, 2020 INSPECTION REPORT HAD BETWEEN FB's 11-12 - PITTED AREA IN WEB ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3" LONG x 4" HIGH x 3/16" DEEP - CLEANED AND PAINTED	3	1	Feet
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREAS UP TO 3/16" D SCATTERED THROUGHOUT UNDERSIDE OF TOP FLANGE ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED	3	15	15 Feet
113	Cracking	OBSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK PROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED.	3	1	1 Feet
113	Cracking	OBSERVED IN 2020 INSP: BETWEEN FB's 6-7 - (1) CRACK PROPAGATED UP TO 1/4" PAST EAST ARREST HOLE, PAR ISSUED.	3	1	1 Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSPECTION: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER 2020 REPORT HAD OBSERVED IN 2020 INSP: BETWEEN FB's 5-6 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION,	3	1	1 Feet
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREAS UP TO 3/16" D SCATTERED THROUGHOUT UNDERSIDE OF TOP FLANGE ON SOUTH SIDE - CLEANED AND PAINTED.	2	18	Feet
113	Cracking	BETWEEN FB's 1-2 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 7-8 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	BETWEEN FB's 11-12 - 24" L x 2" W SECTION OF TOP FLANGE ON NORTH SIDE AT MIDSPAN REDUCED TO 3/8" - CLEANED AND PAINTED	2	2	Feet
113	Cracking	BETWEEN FB's 9-10 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK HAS BEEN ARRESTED, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACK PROPAGATED 3/8" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, WIDE/ 1" CRACK IN WELD	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK HAS BEEN ARRESTED. 2018 REPORT HAD BETWEEN FB's 4-5 - CRACK PROPAGATED 5/16" PAST ARREST HOLE ON WEST SIDE AT TOP OF DIAPHRAGM CONNECTION - PM.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB'S 2-3 - 5/8" LONG CRACK IN WELD AT CENTER DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: ANGLE, 5" X 3.5" X 3/8 THICK HAS BEEN WELDED TO EACH SIDE OF THE WEB AND BOTTOM OF THE TOP FLANGE, FULL LENGTH. AREA HAS BEEN CLEANED AND REPAINTED. 2018 REPORT HAD BETWEEN FB's 0-1 - CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION PROPAGATED 1/8" PAST ARREST HOLE ON EAST SIDE	2	1	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 11-12 - CRACK PROPAGATED 1/8" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK HAS BEEN ARRESTED 2018 REPORT HAD BETWEEN FB's 6-7 - (2) CRACKS PROPAGATED UP TO 3/16" PAST WEST ARREST HOLE	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 10-11 - 5/16" CRACK IN WELD AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH, 2020 INSPECTION REPORT HAD BETWEEN FB's 11-12 - PITTED AREAS UP TO 1/4" DEEP SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE ON NORTH SIDE - CLEANED AND PAINTED	1		Feet
113	Corrosion	REPAIR OBSERVED IN 2021 INSPECTION 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH, 2020 INSPECTION REPORT HAD BETWEEN FB's 11-12 - 20" LONG x 2" HIGH x 3/16" DEEP PITTED AREA ON NORTH SIDE OF WEB AT BOTTOM FLANGE AT MIDSPAN - CLEANED AND PAINTED	1		Feet

General Comments

Span 18

Stringer 8

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	402	15	3	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	BETWEEN FB's 11-12 - CRACK PROPAGATED 1/4" PAST EAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PM	3	1	1 Feet
113	Cracking	LONGITUDINAL CRACK, 1/2" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	3	1	1 Feet
113	Cracking	BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PM	3	1	1 Feet
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREA IN WEB ON NORTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3"L x 4"H x 3/16"D- CLEANED AND PAINTED.	2	1	Feet
113	Cracking	BETWEEN FB's 1-2 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK HAS BEEN ARRESTED AND AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 9-10 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACKS NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 8-9 - 1" CRACK IN WEB ACROSS TOP OF DIAPHRAGM CONNECTION, WIDE/ (2) 3/4" CRACKS IN CONNECTION WELD AT TOP	2	1	Feet
113	Corrosion	BETWEEN FB's 0-1 - 8"H x 2"W x 3/16"D PITTED AREA ON NORTH SIDE OF WEB AT DIAPHRAGM FOR CENTERING DEVICE BRACE - CLEANED AND PAINTED	2	1	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

113	Corrosion	BETWEEN FB's 0-1 - AREAS ALONG EDGES OF TOP FLANGE UP TO 8"L x 2"W w/ 5/16" REMAINING - CLEANED AND PAINTED	2	4	Feet
113	Cracking	BETWEEN FB's 4-5 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 3-4 - 1/2"L CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION ON NORTH SIDE - PM	2	1	Feet
113	Cracking	BETWEEN FB's 10-11 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 5-6 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 11-12 - CRACK PROPAGATED 3/16" PAST WEST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 6-7 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet

General Comments

Span 18

Stringer 9

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	386	31	3	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Connection	BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PM	3	1	1 Feet
113	Cracking	LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	3	1	1 Feet
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREA IN WEB ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3"L x 4"H x 3/16"D- CLEANED AND PAINTED	3	1	1 Feet
113	Corrosion	BETWEEN FB's 5-6 - 5"L x 3"H PITTED AREA UP TO 1/8"D ON SOUTH SIDE WEB AT BOTTOM FLANGE BELOW DIAPHRAGM CONNECTION - CLEANED AND PAINTED.	2	1	Feet
113	Corrosion	BETWEEN FB's 9-10 - ACTIVE CORROSION ALONG TOP OF TOP FLANGE - NO MEASURABLE SECTION LOSS	2	30	Feet

General Comments

Span 18

Stringer 10

W Beam Stringer

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	380	37	3	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREA IN WEB ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3"L x 4"H x 3/16"D- CLEANED AND PAINTED	3	1	1 Feet
113	Cracking	BETWEEN FB's 9-10 - (2) CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - (1) 1/8" AND (1) 1/4" - PM	3	1	1 Feet

113	Connection	BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PM	3	1	1 Feet
113	Cracking	BETWEEN FB's 7-8 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT - (2) CRACKS PROPAGATED 1/8" PAST WEST ARREST HOLE ON NORTH SIDE AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 10-11 REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2020 REPORT HAD- 1-1/2" CRACK IN WEB ABOVE WELD AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT - CRACK PROPAGATED 1/8" PAST EAST ARREST HOLE ON NORTH SIDE AT TOP OF DIAPHRAGM CONNECTION - 3/4" CRACK DEVELOPING IN WEB ABOVE CONNECTION AND IS PROPAGATING TOWARDS ARREST HOLE.	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 1-2 - 1-3/4" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB 9 AND 10 DIAPHRAGM CONNECTION TO WEB ON EAST SIDE OF DIAPHRAGM AT THE TOP, CRACK ARRESTED.	2	1	Feet
113	Cracking	BETWEEN FB's 3-4 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 6-7 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT BETWEEN FB's 8-9 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION ON SOUTH SIDE	2	1	Feet
113	Distortion	BETWEEN FB's 10-11 - WEST HALF OF STRINGER OUT OF PLUMB UP TO 1" AT FB 10 CONNECTION - ROTATED CLOCKWISE WHEN VIEWED EAST TO WEST.	2	15	Feet
113	Cracking	BETWEEN FB's 4-5 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT BETWEEN FB's 5-6 - 1-1/2" LONG CRACK IN DIAPHRAGM CONNECTION WELD AT BOTTOM ON NORTH SIDE	2	1	Feet
113	Cracking	BETWEEN FB's 2-3 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	BETWEEN FB's 0-1 - PITTED AREAS UP TO 1/8"D SCATTERED ACROSS BOTTOM OF TOP FLANGE - CLEANED AND PAINTED.	2	8	Feet
113	Cracking	REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 11-12 - 1" LONG CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet

General Comments

Span 18**Stringer 11****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	395	19	6	0 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	BETWEEN FB's 11-12 - PITTED AREA IN WEB ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3"L x 4"H x 3/16"D- CLEANED AND PAINTED	3	1	1 Feet
113	Cracking	BETWEEN FB's 4-5 - 4" VERTICAL CRACK IN WELD AT BOTTOM OF DIAPHRAGM CONNECTION BRACKET ON NORTH SIDE - PM	3	1	1 Feet
113	Cracking	OBSERVED IN 2020 INSP.; AREA HAS BEEN PAINTED OVER, NO CHANGE, PROPAGATED CRACK STILL VISIBLE. PAR ISSUED. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACKS PROPAGATED UP TO 3/16" PAST EAST AND WEST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED	3	1	1 Feet
113	Cracking	BETWEEN FB's 4-5 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PM	3	1	1 Feet
113	Cracking	(PAR) BETWEEN FB's 10-11 - TOTAL OF (5) 1/16" TO 1/8" CRACKS PROPAGATING PAST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION	3	1	Feet
113	Cracking	OBSERVED IN 2020 INSP; BETWEEN FB's 9-10 - (1) 1/2"L CRACK PROPAGATING PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, PAR ISSUED.	3	1	1 Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: HOLE NOT VISIBLE. 2018 REPORT HAD STRINGER 11 BETWEEN FB'S 0-1, ~5/8" HOLE IN WEB ABOVE BOTTOM FLANGE AT FB 1 CONNECTION WITH 4"HIGH x 3"WIDE PITTED AREA - CLEANED AND PAINTED	2	1	Feet
113	Cracking	BETWEEN FB's 1-2 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 2-3 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 6-7 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Corrosion	BETWEEN FB's 0-1 - PITTED AREAS UP TO 1/8"D SCATTERED ACROSS BOTTOM OF TOP FLANGE - CLEANED AND PAINTED	2	8	Feet
113	Cracking	BETWEEN FB 11 AND 12, CRACK REPAIRED IN TOP OF WEB AT FB 12.	2	1	Feet
113	Cracking	BETWEEN FB's 7-8 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	REPAIR OBSERVED IN 2021 INSP: CRACKS NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2020 REPORT HAD BETWEEN FB's 8-9 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 0-1 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 11-12 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION.	2	1	Feet
113	Cracking	BETWEEN FB's 8-9 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet
113	Cracking	BETWEEN FB's 5-6 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION	2	1	Feet

General Comments

Span 18**Stringer 12****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	418	1	1	0 Feet
515	Steel Protective Coating	2,888	2,888	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	3	1	1 Feet
113	Cracking	(PAR) BETWEEN FB's 0-1 - CRACK EXTENDING 3" PAST ARRESTING HOLE IN COPING AT FB 0 CONNECTION	2	1	Feet
113	Corrosion	BETWEEN FB's 7-8 - NEW REPAIR (2) 9.5" X 7" X 3/8" PLATES ON BOTH SIDES OF THE WEB AT FLOORBEAM 8, 2020 INSPECTION HAD - 5/8" HOLE IN WEB AT BOTTOM FLANGE AT FB 8 CONNECTION WIDE/ 8" HIGH x 3" WIDE PITTED AREA - CLEANED AND PAINTED	1		Feet
113	Corrosion	REPAIR OBSERVED IN 2020 INSP: TOP OF TOP FLANGE HAS BEEN CLEANED AND REPAINTED 2018 REPORT HAD BETWEEN FB's 9-10 - ACTIVE CORROSION ALONG TOP OF TOP FLANGE - NO MEASURABLE SECTION LOSS.	1		Feet

General Comments

Span 18**Stringer 13****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	418	0	1	1 Feet
515	Steel Protective Coating	2,206	2,206	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Cracking	(PAR) BETWEEN FB's 2-3 - 1 1/4" LONG CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION ON SOUTH SIDE.	4	1	1 Feet
113	Cracking	LONGITUDINAL CRACK, 1/4" LONG IN THE TOP OF THE WEB AT THE WELD AT FB 12, PAR ISSUED.	3	1	1 Feet

General Comments

Span 18**Stringer 14****W Beam Stringer**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
113	Steel Stringer	420	377	41	1	1 Feet
515	Steel Protective Coating	2,206	2,188	0	0	18 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
113	Corrosion	(PAR) BETWEEN FB's 0-1 INTERMEDIATE DIAPHRAGM CONNECTOR PLATE CORROSION HOLE 5" X 1.5"	4	1	1 Feet
113	Connection	(PAR) BETWEEN FB's 4-5 THIRD DIAPHRAGM LOOSE BOLTS WITH MISSING HEADS ON CONNECTOR PLATE.	3	1	1 Feet
113	Corrosion	BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.	2	36	Feet
113	Corrosion	BETWEEN FB's 0-1 - AREAS ALONG EDGES OF TOP FLANGE UP TO 8" LONG x 2" WIDE/ 5/16" REMAINING - CLEANED AND PAINTED	2	4	Feet
113	Distortion	BETWEEN FB's 4-5 RIGHT SIDE BOTTOM FLANGE AT FLOORBEAM 5 DISTORTION 6" LONG X 3" WIDE X 1/4".	2	1	Feet

515	Effectiveness (Steel Protective Coatings)	BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.	4	18	18	Square Feet
General Comments						

Span 18**LB0****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	180	0	0	4 Square Feet
911	Secondary Steel Truss Member	92	88	4	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	4	4 Square Feet
911	Corrosion	[PROMPT ACTION REQUEST] (3) ROD GUIDE PLATES HAVE LOSS OF SECTION UP TO .296" WITH .347" REMAINING ALONG BOTTOM 5" AT LIFT BEAM.	4		3 Feet
911	Cracking	WEST TOWER NORTHWEST CABLE BANK, NORTH BANK WEST FACE, 4TH CABLE ROD PROTECTION CAP HAS 3/16" CRACK	3		Feet
911	Corrosion	NORTHWEST CABLE BANK EAST BOUND LANE, LOSS OF SECTION .258" WITH 3.49" REMAINING.	2		Feet
911	Damage	IMPACT DAMAGE 9" WIDE X 1" DEFORMATION IN WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	1	1 Feet
911	Corrosion	ROD BANK, CABLE ROD GUIDES BOTTOM 4" PAINTED OVER PITTING UP TO 1/8" DEEP AT RANDOM.	2		Feet
911	Damage	EAST BOUND LANE NORTHWEST CABLE BANK WATER LEAKAGE AT 2ND CABLE ANCHOR ROD	2		Feet
911	Damage	WEST END PORTAL LOWER SWAY BRACE HAS IMPACT DAMAGED AREA 12" LONG X 5/8" DEFORMATION OVER LEFT WEST BOUND LANE.	2		Feet
911	Damage	IMPACT DAMAGE 7" WIDE X 1/2" DEFORMATION IN BOTTOM FLANGE OVER RIGHT WESTBOUND LANE LOCATED 5' FROM L0-U1 NORTH..	2	1	Feet
911	Damage	OVERVIEW OF IMPACT DAMAGE WEST BOUND LEFT LANE AREA 2FT LONG AREA OF INDENTIONS TO END PORTAL LOWER LATERAL STRUT.	2	2	Feet

General Comments

Span 18**LB1****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	183	0	0	1 Square Feet
911	Secondary Steel Truss Member	92	91	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATING FAILURE	4	1	1 Square Feet
911	Corrosion	SURFACE RUST ON BOLTS AT RANDOM.	2	1	Feet

General Comments

Span 18 LB2
Steel Truss Portal/Cross Bracing Assembly

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	183	0	0	1 Square Feet
911	Secondary Steel Truss Member	92	90	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATING FAILURE	4	1	1 Square Feet
911	Corrosion	RUST STAINING ALONG V2/U2 CONNECTION PLATE.	2	1	Feet
911	Corrosion	SURFACE RUST ON BOLTS AT CENTER CONNECTOR PLATE.	2	1	Feet

General Comments

Span 18 LB3
Steel Truss Portal/Cross Bracing Assembly

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	183	0	0	1 Square Feet
911	Secondary Steel Truss Member	92	90	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATING FAILURE	4	1	1 Square Feet
911	Damage	IMPACT DAMAGE 10" WIDE X 1/4" DEFORMATION IN BOTH FLANGES OVER RIGHT WESTBOUND LANE LOCATED AT 13' FROM L3-U3 NORTH.	2		Feet
911	Damage	IMPACT DAMAGE 16" WIDE X 1-1/2" DEFORMATION IN BOTH FLANGES OVER RIGHT EAST BOUND LANE.	2	2	2 Feet

General Comments

Span 18 LB4
Steel Truss Portal/Cross Bracing Assembly

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	184	0	0	0 Square Feet
911	Secondary Steel Truss Member	92	91	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
911	Distortion	CENTER GUSSET PLATE CONNECTION HAS 1/16" PACK RUST THAT IS CAUSING OUT OF PLANE BENDING.	2	1	Feet

General Comments

Span 18 LB5
Steel Truss Portal/Cross Bracing Assembly

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	183	0	0	1 Square Feet
911	Secondary Steel Truss Member	92	78	14	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATING FAILURE	4	1	1 Square Feet
911	Damage	IMPACT DAMAGE 7" WIDE X 1/2" DEFORMATION BOTTOM EAST FLANGE OVER RIGHT WESTBOUND LANE LOCATED 13' FROM L5-U5 NORTH.	2		Feet
911	Corrosion	LOWER HORIZONTAL CHORD BEGINNING AT SOUTH TRUSS FOR 11' PITTING UP TO 3" WIDE X 1/16" DEEP IN WEB AND WEST FLANGE.	2	11	Feet
911	Damage	IMPACT DAMAGE 12" WIDE X 3/4" DEFORMATION BOTTOM WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	1	1 Feet
911	Damage	IMPACT DAMAGE 16" WIDE X 1-1/2" DEFORMATION BOTTOM WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	2	2 Feet

General Comments

Span 18**LB6****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	183	0	0	1 Square Feet
911	Secondary Steel Truss Member	92	91	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATING FAILURE	4	1	1 Square Feet
911	Corrosion	V6 TOP SWAY BRACE HAS PACK RUST FORMING ON SOUTH EDGE ALONG CONNECTION	2	1	Feet

General Comments

Span 18**LB7****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	182	0	0	2 Square Feet
911	Secondary Steel Truss Member	92	88	4	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	2	2 Square Feet
911	Damage	IMPACT DAMAGE 9" WIDE X 3/4" DEFORMATION IN EAST FLANGE OVER RIGHT WESTBOUND LANE. LOCATED 13' FROM L7-U7 NORTH.	2	1	Feet
911	Damage	IMPACT DAMAGE 20" WIDE X 1-1/2" DEFORMATION IN WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	2	2 Feet
911	Damage	IMPACT DAMAGE 12" WIDE X 3/4" DEFORMATION IN EAST FLANGE OVER RIGHT EAST BOUND LANE.	2	1	1 Feet

General Comments

Span 18**LB9****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	182	0	0	2 Square Feet
911	Secondary Steel Truss Member	92	86	5	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	2	2	Square Feet
911	Damage	1 3/4" DEEP X 9" LONG IMPACT DAMAGE TO EAST AND WEST FLANGE OVER RIGHT EAST BOUND LANE, LOCATED 7.67' FROM L9-U9 NORTH VERTICAL.	3	1		Feet
911	Damage	IMPACT DAMAGE 17" WIDE X 3/4" DEFORMATION ON EAST BOTTOM FLANGE OVER RIGHT EAST BOUND LANE.	2	2	2	Feet
911	Damage	IMPACT DAMAGE 8" WIDE X 3/4" DEFORMATION ON EAST BOTTOM FLANGE OVER RIGHT EAST BOUND LANE 12.5 FEET FROM L9-U9 NORTH.	2	1		Feet
911	Damage	IMPACT DAMAGE 22" WIDE X 1-1/2" DEFORMATION ON WEST BOTTOM FLANGE OVER RIGHT EAST BOUND LANE.	2	2	2	Feet

General Comments

Span 18**LB11****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	181	0	0	3 Square Feet
911	Secondary Steel Truss Member	92	83	3	6	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	3	3 Square Feet
911	Damage	BOTTOM SWAY BRACE END PORTAL DAMAGE 30" WIDE X 2-1/4" DEFORMATION OVER RIGHT WEST BOUND LANE.	3	3	Feet
911	Damage	BOTTOM SWAY BRACE END PORTAL DAMAGE 3' WIDE X 1-1/2" DEFORMATION OVER LEFT WEST BOUND LANE.	3	3	Feet
911	Damage	BOTTOM SWAY BRACE END PORTAL DAMAGE 1' WIDE X 1/2" DEFORMATION OVER LEFT WEST BOUND LANE.	2	1	Feet
911	Damage	BOTTOM SWAY BRACE END PORTAL DAMAGE 24" WIDE X 1-1/2" DEFORMATION OVER RIGHT EAST BOUND LANE.	2	2	2 Feet

General Comments

Span 18**LB12****Steel Truss Portal/Cross Bracing Assembly**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Protective Coating	184	177	0	0	7 Square Feet
911	Secondary Steel Truss Member	92	47	42	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	7	7 Square Feet
911	Corrosion	[PROMPT ACTION REQUEST] EASTBOUND LANE: 3RD STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.	3	1	1 Feet
911	Corrosion	[PROMPT ACTION REQUEST] EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES HAVE LOSS OF SECTION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.	3		Feet
911	Corrosion	[PROMPT ACTION REQUEST] EASTBOUND LANE: 2ND STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.	3	1	1 Feet
911	Corrosion	[PROMPT ACTION REQUEST] EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFNER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGE ALONG BOTTOM 4" HIGH.	3	1	1 Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

911	Corrosion	PITTING UP TO 1/4" ON BOLSTER BLOCK AT SOUTH CABLE BANKS.	2	4	Feet
911	Corrosion	PITTING UP TO 1/4" ALONG DRAIN HOLES ON BOTTOM FLANGE OF MAIN LIFT BEAM BETWEEN CABLE BANKS.	2	2	Feet
911	Corrosion	PITTING UP TO 1/4" ON BOTTOM FLANGE OF LIFT ALONG SOUTH CABLE BANKS.	2	4	Feet
911	Corrosion	SOUTH SIDE CABLE BANK, (4) EYE BARS) LOSS OF SECTION .246" WITH 3.504" REMAINING ON BOTTOM 4" HIGH AT BEAM ENTRY.	2	16	Feet
911	Corrosion	NORTH SIDE CABLE BANK, (4) EYE BARS) 1/8" PITTING REMAINING ON BOTTOM 4" HIGH AT BEAM ENTRY.	2	16	Feet

General Comments**Span 18 L0 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	0	1 Each
515	Steel Protective Coating	50	48	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Connection	[PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.	4	1	1 Each
162	Corrosion	SURFACE RUST ON BOLTS.	2		Each
162	Corrosion	PITTED AREAS ON NORTH AND SOUTH PLATES UP TO 1/16"D SCATTERED ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED.	2		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST ON BOLTS	4	2	Square Feet

General Comments**Span 18 L1 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	15	15	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	PITTED AREAS UP TO 3/16"D x 2"H ON NORTH AND SOUTH PLATES ALONG TOP OF BOTTOM CHORD - AREAS CLEANED/PAINTED - 5/16" REMAINING	3	1	1 Each

General Comments**Span 18 L2 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	40	38	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	INSIDE PLATE, NORTH FACE - PITTED AREA UP TO 2"H x 1/8"D ACROSS FULL WIDTH ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED - 3/8" REMAINING	3	1	1 Each

Structure Number: **640013**Inspection Date: **12/20/2021**

162	Damage	DIRT AND DEBRIS BUILDUP ON TOP OF BOTTOM CHORD.	2		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING w/ SURFACE RUST ON EXPOSED STEEL ON INSIDE FACES OF GUSSET PLATES ALONG TOP OF BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2 Square Feet

General Comments

Span 18 L3 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	0	1 Each
515	Steel Protective Coating	15	15	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	SECTION LOSS UP TO 1/8" DEEP x 2" HIGH x FULL WIDTH ON NORTH AND SOUTH PLATES ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED - WITH 3/8" REMAINING, PAR ISSUED.	4	1	1 Each

General Comments

Span 18 L4 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	1	0	0	0 Each
515	Steel Protective Coating	40	38	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION.	4	2	2 Square Feet

General Comments

Span 18 L5 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	15	15	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	PITTED AREAS ON INSIDE FACES OF PLATES 2"H x 1/16" TO 1/8"D ACROSS FULL WIDTH OF PLATE AT TOP OF CHORD - CLEANED AND PAINTED	3	1	1 Each

General Comments

Span 18**L6 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	ON THE NORTH AND SOUTH INSIDE GUSSET PLATE FACE AT TOP OF CHORD, 1/8" DEEP PITTING, 16" LONG X 3" HIGH. AREA CLEANED AND PAINTED	2			Each
162	Damage	DIRT AND DEBRIS BUILDUP ON TOP OF BOTTOM CHORD.	2			Each
162	Connection	REPAIR OBSERVED IN 2020 INSP: 2 BOLTS HAVE BEEN REPLACED AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD SHEARED BOLT ON INSIDE PLATE - WEST SIDE OF L6.	2	1		Each
162	Connection	(3) NEW BOLTS IN BOTTOM GUSSET AT FLOORBEAM AND LATERAL BRACING CONNECTION ON EAST SIDE	1			Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2	Square Feet

General Comments

Span 18**L8 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	SOUTH PLATE, SOUTH FACE - 3"H x 18"L PITTED AREA UP TO 1/4"D ALONG BOTTOM ON WEST SIDE - CLEANED AND PAINTED	3	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2	Square Feet

General Comments

Span 18**L10 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	0	1	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	BOTTOM LATERAL GUSSET AT L10 NORTH- 1" WIDE X 4" LONG AREA ON EAST SIDE AT BOTTOM CHORD HAS 1/4" SECTION LOSS WITH 1/4" REMAINING, PAR ISSUED.	4	1	1	Each
162	Corrosion	UP TO 90% LOSS TO FASTENERS AT TOP SPLICE PLATE - CLEANED AND PAINTED	3		1	Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2	Square Feet

General Comments

Span 18 L12 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	1	0	0 Each
515	Steel Protective Coating	50	50	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	PITTED AREAS ON NORTH AND SOUTH PLATES UP TO 1/16"D SCATTERED ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED	2	1	Each

General Comments

Span 18 U0 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	1	0	0	0 Each
515	Steel Protective Coating	15	10	0	0	5 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	WHEEL GUIDE TOP OF BOTTOM PLATE AND INTERNAL BRACING HAS RUST SCALE AND 1" DIAMETER CORROSION HOLE IN INTERNAL BRACING.	4	5	5 Square Feet

General Comments

Span 18 U1 NORTH**Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	1	0	0 Each
515	Steel Protective Coating	40	40	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Distortion	BOTTOM GUSSET CONNECTION AT LATERAL CONNECTION HAS 1/4" OUT OF PLANE BENDING WITH PACK RUST BETWEEN PLATES. AREA HAS BEEN CLEANED AND PAINTED	2		Each
162	Corrosion	TOP GUSSET CONNECTION HAS 1/4" OUT OF PLANE BENDING WITH PACK RUST BETWEEN PLATES.	2	1	Each
162	Corrosion	2021 INSPECTION: NOTE MOVED TO U12 NORTH	1		Each
162	Connection	2021 INSPECTION: NOTE MOVED TO U12 NORTH.	1		Each

General Comments

U2 NORTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

General Comments

U3 NORTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

General Comments

U4 NORTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

General Comments

Span 18**U5 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	12" LONG X 1" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U5. (AREA IS CLEANED AND PAINTED.)	3	1		Each
162	Distortion	OUT OF PLANE BENDING 1/4' ON TOP GUSSET PLATE AT U5-U6 CONNECTION.	2			Each
General Comments						

Span 18**U6 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	1/4" WIDE X 10" LONG AREA OF PACK RUST BOTTOM OF TOP GUSSET PLATE AT WEST END.	2	1		Each
162	Corrosion	TOP GUSSET: CORROSION / PITTING ALONG BOTTOM FACE, 30" LONG THAT HAS BEEN CLEANED, PAINTED AND ARRESTED.	2			Each
General Comments						

Span 18**U7 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	40" LONG X 1-1/2"" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U7. (AREA IS CLEANED AND PAINTED.)	3	1		Each
162	Distortion	TOP GUSSET PLATE HAS OUT OF PLANE BENDING 1/4" DUE PACK RUST.	2			Each
General Comments						

Span 18**U8 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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162	Corrosion	30" LONG X 1" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U8. (AREA IS CLEANED AND PAINTED.)	3	1	Each
162	Distortion	U8 TOP GUSSET PLATE HAS OUT OF PLANE BENDING 1/4" DUE PACK RUST.	2		Each

General Comments**Span 18 U9 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	40	40	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	35" LONG X 1-1/2" WIDE AREA 3/16" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U9. (AREA IS CLEANED AND PAINTED.)	3	1	Each
162	Distortion	U9 TOP GUSSET PLATE HAS OUT OF PLANE BENDING 1/2" DUE TO PACK RUST.	2		Each

General Comments**Span 18 U10 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	1	0	0 Each
515	Steel Protective Coating	15	15	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Connection	3/8" GAP TO GUSSET PLATE UNDER LATERAL CROSS BRACING @ U10 NORTH SIDE.	2		Each
162	Connection	OUT OF PLANE BENDING 3/8" GAP TO BOTTOM OF GUSSET PLATE @ U10 NORTH SIDE.	2	1	Each

General Comments**Span 18 U11 NORTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	1	0	0 Each
515	Steel Protective Coating	40	40	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	COOROSION WITH PITTING UP TO 1/8" IN BOTTOM PLATE ALONG BOLT CONNECTIONS. AREA HAS BEEN CLEANED PAINTED AND CORROSION ARRESTED.	2	1	Each

General Comments

U12 NORTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	0	1	Each
515	Steel Protective Coating	15	10	0	0	5	Square Feet

General Comments

L0 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	50	50	0	0	0	Square Feet

General Comments

L2 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

General Comments

L4 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	1	0	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2 Square Feet

General Comments

L6 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	1	0	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION.	4	2	2 Square Feet

General Comments

L8 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	1	0	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2 Square Feet

General Comments

L10 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	1	0	0	0	Each
515	Steel Protective Coating	40	38	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FAILING ON INSIDE FACES OF GUSSET PLATES ABOVE BOTTOM CHORD DUE TO DEBRIS ACCUMULATION	4	2	2 Square Feet

General Comments

Span 18**L12 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	PITTED AREAS ON NORTH AND SOUTH PLATES UP TO 1/16"D SCATTERED ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED	2	1		Each

General Comments

Span 18**U0 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	0	1	Each
515	Steel Protective Coating	15	13	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	(PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.	4	1	1	Each
162	Corrosion	AT LATERAL BRACING CONNECTION SURFACE RUST ON BOLTS	2			Each
515	Effectiveness (Steel Protective Coatings)	AT LATERAL BRACING CONNECTION SURFACE RUST ON BOLTS	4	1		Square Feet
515	Effectiveness (Steel Protective Coatings)	BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.	4	1	1	Square Feet

General Comments

Span 18**U2 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	GUSSET PLATE CONNECTION TO L1U2 TOP LATERAL HAS 1/4" OUT OF PLANE BENDING TO CORNER OF SOUTH EAST SIDE OF GUGUSSET PLATE	2	1		Each
162	Corrosion	8" LONG X 3/8" - 1/4" PACK RUST TO CENTER GUSSET PLATE CONNECTION BETWEEN U2 NORTH SIDE OF GUSSET PLATE	2			Each
162	Corrosion	1/8" - 3/16" PITTING & SECTION LOSS TO TOP LATERAL BETWEEN U2 FOR A LENGTH OF 15FT (BOTTOM FLANGE)	2			Each

General Comments

Span 18**U3 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	40" LONG X 2" WIDE AREA OF SECTION LOSS TO UNDERSIDE OF GUSSET PLATE U3. ORIGINAL THICKNESS 5/16" AND 3/16" REMAINING. (AREA IS CLEANED AND PAINTED.)	3	1	1	Each
General Comments						

Span 18**U4 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	40" LONG X 1/2" WIDE AREA 1/16" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U4. (AREA IS CLEANED AND PAINTED.)	2	1		Each
General Comments						

Span 18**U5 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	40" LONG X 2" WIDE AREA OF SECTION LOSS TO UNDERSIDE OF GUSSET PLATE U5 (SOUTH SIDE. (5/16" ORIGINAL THICKNESS WITH 3/16" REMAINING.	3			Each
162	Corrosion	TOP CHORD GUSSET PLATE CONNECTION TO U5 SOUTH SIDE HAS AN AREA CLEANED AND PAINTED SHOWING 1/4" PACK RUST	3	1		Each
General Comments						

Span 18**U6 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	14	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	30" LONG AREA OF SECTION LOSS TO UNDERSIDE OF U6 CENTER GUSSET PLATE. (3/16" REMAINING EAST SIDE.	3			Each

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162	Corrosion	8" LONG X 3/8" CLEANED AND PAINTED PACK RUST TO U6 SOUTH SIDE TO UNDERSIDE OF TOP LATERAL.	3	1	Each
162	Corrosion	NORTH FACE SURFACE RUST ON BOLTS.	2		Each
515	Effectiveness (Steel Protective Coatings)	NORTH FACE SURFACE RUST ON BOLTS.	4	1	1 Square Feet
General Comments					

Span 18**U7 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	40	40	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	40" LONG X 1 1/2" WIDE AREA OF CLEANED AND PAINTED SECTION LOSS TO UNDERSIDE OF GUSSET PLATE SOUTH SIDE. (3/8" REMAINING)	3	1	Each
162	Distortion	OUT OF PLANE BENDING TO TOP CHORD GUSSET PLATE EAST SIDE @ U7 CONNECTION.	2		Each
General Comments					

Span 18**U8 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	PITTING UP TO 1/8" HAS BEEN CLEANED, PAINTED AND ARRESTED ON BOTTOM FACE OF PLATE.	2			Each
162	Connection	EAST SIDE TOP CONNECTION TO LATERAL BRACING MISSING (1) BOLT	2	1	1	Each
General Comments						

Span 18**U9 SOUTH****Steel Gusset Plate - Primary**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
162	Steel Gusset Plate	1	0	0	1	0 Each
515	Steel Protective Coating	40	40	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
162	Corrosion	32" LONG X 1 1/2" WIDE AREA OF CLEANED AND PAINTED SECTION LOSS TO UNDERSIDE OF GUSSET PLATE @ U9 SOUTH SIDE.	3	1	Each
162	Distortion	PLATE IS OUT OF PLANE 1/8" OVER CONNECTION DUE PACK RUST.	2		Each
General Comments					

U10 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	1 MISSING NUT TO TOP LATERAL CENTER GUSSET PLATE CONNECTION BETWEEN U10 NORTH AND U10 SOUTH.	3	1		Each
162	Distortion	U10 TOP GUSSET IS OUT OF PLANE WITH 1/4" PACK RUST ON BOTTOM OF PLATE.	2			Each
General Comments						

U11 SOUTH

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	1	0	1	0	0	Each
515	Steel Protective Coating	40	40	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
162	Corrosion	BOTTOM OF TOP GUSSET PLATE AT LB11 EAST SIDE 15" X 1/2" AREA OF PITTING UP 1/16" DEEP.	2	1		Each

General Comments

Joint at the West Tower

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
305	Assembly Joint without Seal	54	38	16	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
305	Adjacent Deck or Header	WEST END FINGER JOINT 1" HIGHER IN EASTBOUND LANES	2	16	Feet
General Comments					

Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,892	1,749	143	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence on the deck bottom	2	15		Square Feet	
12	Patched Areas	[NEW REPAIR- PATCHING] FORMERLY --> PRIORITY MAINTENANCE - large spall with exposed rebar on the deck bottom between stringer 5 and 6 (16ft x 8ft x 2in)	2	128		Square Feet	
General Comments							

Span 19**EAST TOWER NORTH****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120	Steel Truss	31	0	7	24	0	Feet
515	Steel Protective Coating	12,000	12,000	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
120	Damage	6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DEFORMATION IN TOP AND BOTTOM PLATES OF MEMBER BEGINING AT NW TOWER LEG AND CONTINUING SOUTH 16'. MOST SEVERE DEFORMATION IN BOTTOM PLATE AT POINT OF IMPACT (11'-3" FROM NW TOWER LEG), WITH AREAS BENT UPWARD AND DOWNWARD UP TO 1-1/2" x 3'L (PAR)	3	16		Feet
120	Damage	6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3'L SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NW TOWER LEG (PAR)	3	3		Feet
120	Cracking	CRACK - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR)	3	1	1	Feet
120	Cracking	6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM WEST CORNER 14" LONG - LOCATED 6' FROM NORTHWEST TOWER LEG (PAR)	3	2	2	Feet
120	Damage	6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DIAGONAL CONNECTION GUSSET PLATE - 18"L x 8"H SECTION AT BOTTOM SOUTH CORNER BENT 1/2" TO THE WEST - LOCATED AT 11'-3" FROM NW TOWER LEG (PAR)	3	2		Feet
120	Damage	6/2020 - IMPACT DAMAGE - BOTTOM EAST HORIZONTAL TRUSS MEMBER - 32"L SECTION OF COVER PLATE ON EAST SIDE BENT UPWARD 1-1/4" w/ (2) 6-1/2"L GOUGES UP TO 1/16"D - LOCATED 11' FROM NE TOWER LEG - NO DAMAGE TO ACTUAL TRUSS MEMBER (COVER PLATE ONLY)	2	2		Feet
120	Damage	EAST TOWER: DAMAGE 4' LONG ALONG BOTTOM OF BRIDGE TENDERS HOUSE ON EAST FACE.	2	4		Feet
120	Distortion	BOTTOM CHORD OUT OF PLANE 1/4", 4' FROM NORTHWEST VERTICAL POST.	2	1		Feet
120	Damage	6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - (2) 1"W x 3/4"L x 3/16"D GOUGES, AND (1) ~1/2" DIAMETER x 1/16"D INDENTION ON BOTTOM EAST CORNER AT 11'-3" FROM NW TOWER LEG	2			Feet

General Comments

Span 19**EAST TOWER SOUTH****Steel Truss Panel**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120	Steel Truss	31	30	1	0	0	Feet
515	Steel Protective Coating	12,000	12,000	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
120	Corrosion	LOSS OF SECTION .196" WITH .304" REMAINING 10" WIDE X 4" LONG IN VERTICAL/DIAGONAL/BOTTOM CHORD GUSSET ALONG TOP EDGE WITH TOTAL LOSS OF SECTION ALONG TOP EDGE OF PLATE.	2	1		Feet
120	Distortion	SOUTHWEST TOWER LEG NORTH FACE GUSSET PLATE EAST END 12" X 4" X 1" DISTORTION.	2			Feet

120	Cracking	NOT FOUND IN 2020 INSP - 2018 HAD EAST TOWER - SOUTH SIDE - FIRST HORIZONTAL TRUSS MEMBER - 2'L CRACK ALONG BOTTOM SEAM ADJACENT TO GUIDE WHEEL TRACK - PM	1	2	Feet
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General Comments**Span 19 Floor Beam 2****W Type Steel Floor Beam**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152	Steel Floor Beam	62	30	30	2	0 Feet
515	Steel Protective Coating	1,112	1,082	0	0	30 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
152	Corrosion	HOLE 1" DIAMETER IN BOTTOM OF STIFFNER 3 ON EAST SIDE.	3	1	1 Feet
152	Corrosion	HOLE 1/4" DIAMETER IN BOTTOM OF STIFFNER 2 ON EAST SIDE .	3	1	1 Feet
152	Corrosion	EAST FACE TOP OF BOTTOM FLANGE AND LOWER WEB FRECKLED RUST AT RANDOM	2	30	Feet
515	Effectiveness (Steel Protective Coatings)	EAST FACE TOP OF BOTTOM FLANGE AND LOWER WEB FRECKLED RUST AT RANDOM	4	30	30 Square Feet

General Comments**Span 19 Joint at the East Tower****Finger Joint**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
305	Assembly Joint without Seal	54	20	4	30	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
305	Adjacent Deck or Header	EAST END FINGER JOINT UP TO 1" HIGHER IN WESTBOUND LANES	3	30	30 Feet
305	Adjacent Deck or Header	FINGER PLATE ANCHOR PLATE HAS CORROSION THRU ON TO BOTTOM FLANGE FULL LENGTH OF BOTTOM FLANGE OF CHANNEL.	2	4	Feet

General Comments**Span 20 Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	8,441	7,837	593	11	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	spall with exposed rebar on the deck bottom behind girder 4 at bent 18 (16" x 8" x 1 1/2")	3	2	2 Square Feet
12	Delamination/Spall	deck bottom: (x2) spalls on the deck bottom in bay 5 at bent 18 up to (48" x 4" x 1" deep).	3	8	8 Square Feet
12	Delamination/Spall	deck bottom: spall with no exposed steel in bay 4 at bent 16 (7" x 5" x 3")	3	1	1 Square Feet
12	Patched Areas	DECK HAS NEW OVERLAY AND GROOVING 2020 INSPECTION: (2018 INSPECTION STATES) delam and spalling with no exposed steel on the deck surface in the EBL at bent 18 (72" x 3" x 1 1/2")	2	6	Square Feet

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12	Abrasion/Wear (PSC/RC)	DECK HAS NEW OVERLAY AND GROOVING 2020 INSPECTION: (2018 INSPECTION STATES) abrasion and wear on the deck surface with coarse aggregate still in place	2			Square Feet
12	Cracking (RC and Other)	transverse cracking with surface efflorescence throughout the deck bottom and in the overhangs up (1/32") wide	2	524	524	Square Feet
12	Patched Areas	DECK HAS NEW OVERLAY AND GROOVING 2020 INSPECTION: (2018 INSPECTION STATES) (27ft x 24") unsound patch on the deck surface at 2ft from bent 18 with cracking up to (1/16") wide and up to (14" x 4" x 3/4") spalls and up to (48" x 12") DELAMINATION areas	2	60		Square Feet
12	Patched Areas	DECK HAS NEW OVERLAY AND GROOVING 2020 INSPECTION: (2018 INSPECTION STATES) up to (38" x 4" x 1/4") spalls with exposed rebar on the deck surface in both lanes at various locations throughout the deck	2	3		Square Feet

General Comments

Span 20

Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	4	128	2	0 Feet
515	Steel Protective Coating	2,278	2,150	120	0	8 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	PRIORITY MAINTENANCE - "nailer" beam on top of stringer 3 between brace 3 and 4 on the top flange: active corrosion and section loss with (11/32") remaining for the full length and width of the top flange (PM)	3		8 Feet
107	Corrosion	PRIORITY MAINTENANCE - Bracket 4 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on (x3) nuts on the bottom flange; up to 75% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3") by up to (1/16") into the web; section loss on the bottom of the web plate (8" x 3") by (1/16") into the plate (PM)	3	2	2 Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted 2018 report had PM - bottom web and top of bottom flange at bracket 4: (x2) areas of active corrosion and section loss (5" x 1 1/2") by up to (1/16") into the flange and (2" x 2") by up to (1/16") with 7/16" remaining into the web	2		Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted 2018 report had PM - top flange of support between stringer 2 and 3 between brace 3 and 4: section loss with (7/16") remaining for (11" long x 3" wide) on the east face (west face similar), debris on top of stringer	2		Feet
107	Corrosion	OBSERVED in 2020 insp: area has been cleaned and repainted, several bolts have been replaced thru out. 2018 report had PM - Bracket 1 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on all nuts on the bottom flange; up to 75% section loss on (x1) nut on the web plate and up to 100% section loss on (x1) nut on the web plate; section loss in the web (8" x 5") by up to (1/16") into the web with 7/16" remaining; section loss on the bottom of the web plate (8" x 5") by (1/16") into the plate (west face similar).	2	1	Feet
107	Corrosion	surface corrosion and with pack rust between members of the platform attached to the beams at the west face of bent 18	2		Feet
107	Corrosion	Bracket 3 West Face at third web stiffener: pack rust between web and stiffener and section loss up to (1/16") into the web for the full height of the stiffener	2		Feet
107	Corrosion	Freckled rust, corrosion of the steel has initiated on the beam and on all members of the parking area near bent 17	2	122	Feet

107	Corrosion	OBSERVED in 2020 insp: 5 nuts on bottom flange on the east and west face have been replaced. 2 nuts on the web plate one east face have 100% section loss, area has been cleaned and repainted. 2018 report had PM - Bracket 2 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (19/32") remaining (west face similar); up to 100% section loss on (x5) nuts on the bottom flange on the east face and up to 50% section loss on all nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the east face and up to 50% section loss on (x1) nut on the west face; section loss in the web (8" x 3 1/2") by up to (1/16") with 7/16" remaining into the web on both sides of the bracket; section loss on the bottom of the web plate (8" x 3") by (1/8") into the plate	2	2	Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted, 2018 report had PM - Bracket 3 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (19/32") remaining; up to 100% section loss on all nuts on the bottom flange; up to 100% section loss on (x2) nuts on the web plate; section loss in the web (8" x 4") by up to (1/16") into the web; section loss on the bottom of the web plate (5" x 1") by up to a knife's edge	2	1	Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted, bolts on the bottom flange have been replaced. 2018 report had PM - Bracket 3 at WB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (19/32") remaining; up to 100% section loss on (x1) nuts on the bottom flange and up to 50% section loss on the remaining nuts; section loss in the web (10" x 4") by up to (1/16") with 7/16" remaining into the web	2	1	Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted. 2018 report had PM - Bracket 4 at WB Parking Area West Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (9/16") remaining; up to 50% section loss on all nuts on the bottom flange; up to 50% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3 1/2") by up to (1/16") with 7/16" remaining into the web	2	1	Feet
107	Corrosion	OBSERVED IN 2020 INSP: area has been cleaned and repainted. 2018 report had corrosion and pack rust on the end diaphragm gusset plate at bent 18 bay 1 (similar corrosion on the top flange).	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective on the elements of the parking area.	4	8	50 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	120	120 Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	REPAINTED	1		Square Feet
General Comments					

Span 20**Beam 3 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	7	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Section loss on the bottom of the top plate on the left face (4" long x 1/2" wide x 1/4") into the plate	2	1		Each

General Comments**Span 20****Beam 4****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	132	2	0	0 Feet
515	Steel Protective Coating	2,278	2,278	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PM - active corrosion and section loss on the bottom flange at 63' from bent 18 (16" x 3" x 1/8").	2	2	Feet
107	Corrosion	REPAINTED	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: areas have been cleaned and repainted, 2018 report had corrosion and scale with no measureable section loss on the bottom left web stiffener at bent 18, pack rust between stiffener and web	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had corrosion and pack rust on the end diaphragm gusset plate at bent 18 bay 4 (similar corrosion on the top flange).	1		Feet

General Comments**Span 20****Beam 7 Far Bearing****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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet

General Comments**Span 20****Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	132	2	0	0 Feet
515	Steel Protective Coating	2,278	2,278	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	OBSERVED IN 2020 INSP: "nailer" beam above stringer 1 between brace beam 2 and 3 at brace beam 3 at the EB Parking Area, top right flange with 100% section loss for 3" long x 2" wide,	3		1 Feet
107	Connection	brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.	3		1 Feet
107	Corrosion	[NEW REPAIR - NUT REPLACED] FORMERLY --> Bracket 3 at EB Parking Area West Face: section loss up to 75% section loss on (x1) nut; section loss in the web (6" x 2 1/2") by up to (1/16") into the web	2	1	Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

107	Corrosion	REPAIR observed in 2020 insp: areas have been cleaned and repainted, 2018 report had PM - Bracket 4 at EB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut; section loss in the web (7" x 2") by up to (1/16") into the web with 7/16" remaining; (similar on the west face).	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: areas have been cleaned and repainted, 2018 report had Corrosion and scale with no measureable section loss in the web and brackets at Brackets 1 and 2 of the EB Parking Area	1		Feet

General Comments

Span 20 Beam 8 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 20 Joint at Bent 17 Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	54	49	5	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	SCATTERED ALONG THE LENGTH, SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 3" WIDE X 1" DEEP	2	5	Feet

General Comments

Span 21 Deck Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	8,364	7,496	851	17	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 2 at bent 18 up to (14" x 5" x 1")	3	2	2 Square Feet
12	Delamination/Spall	deck bottom: spall with no exposed steel in bay 7 at bent 18 (36" x 4" x 1/2")	3	3	3 Square Feet
12	Delamination/Spall	spall with no exposed steel at deck drain on the right overhang at bent 19 (14" x 12" x 1 1/2")	3	2	2 Square Feet
12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 7 at bent 19 up to (12" x 4" x 1").	3	1	1 Square Feet

Structure Number: **640013**Inspection Date: **12/20/2021**

12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGHT LANES AT BENT 18, SPALL (42" LONG x 2" WIDE x 3.5" DEEP AT 4' FROM RIGHT CURB)	3	4	4	Square Feet
12	Efflorescence/Rust Staining	cracking with efflorescence build-up on the deck bottom at the right overhang	3	1	1	Square Feet
12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 1 at bent 18 up to (30" x 4" x 1").	3	4	4	Square Feet
12	Patched Areas	OBSERVED IN 2020 INSP: sound patch 12" x 12". 2018 report had spall with exposed rebar on the bottom of the left overhang at bent 18 (12" x 6" x 1").	2	1		Square Feet
12	Efflorescence/Rust Staining	transverse cracking up to (1/64") wide and surface efflorescence at various locations throughout the deck bottom and overhangs	2	850		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK HAS NEW OVERLAY AND GROOVING 2020 INSPECTION: (2018 INSPECTION STATES) abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> full width transverse cracking on the deck surface at 10ft from bent 19 up to (1/8") wide	1			Square Feet

General Comments

Span 21 Beam 1 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	6	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SCATTERED SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 21 Beam 1 Far Bearing

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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 21 **Beam 2 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	6	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 21 **Beam 2 Far Bearing****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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 21 **Beam 3 Far Bearing****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	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PRIORITY MAINTENANCE - active corrosion and section loss on the west face at the top (5 1/2" long x 7/8" high x 1/16") into the plate, section loss on the west and north faces (3" long x 1/2" high x 1/16") into the plate.	2	1		Each

General Comments

Span 21 **Beam 4 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	6	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each

515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 21 Beam 4 Far Bearing

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	5	5	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PM- active corrosion and section loss, section loss on the top of the plate at the girder (11" x 1/4" x 1/16") into the plate.	2	1	Each

General Comments

Span 21 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	133	1	0	0 Feet
515	Steel Protective Coating	2,144	2,143	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	corrosion and scale with no measureable section loss on the bottom of the flange at the bent 19 bearing	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had corrosion and scale with no measurable section loss on the top flange of the end diaphragm at Bent 19 in bay 5.	1		Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED	1		Square Feet

General Comments

Span 21 Beam 5 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	7	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PM - active corrosion and section loss on the bottom face of the top plate on the east side (8 1/2" long x 1 1/4" wide x 1/8") into the plate.	2	1	Each

General Comments

Span 21 Beam 5 Far Bearing**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	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PM- active corrosion and section loss on the top under the girder on the west face (13" long x 5/8" high x 3/16") into the plate.	2	1		Each

General Comments

Span 21 Beam 8**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	134	0	134	0	0	Feet
515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134	Square Feet

General Comments

Span 21 Beam 8 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 21 Joint at Bent 18**Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	54	24	0	0	30	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Seal Adhesion	SCATTERED ALONG THE LENGTH, LOSS OF ADHESION UP TO FULL DEPTH	4	30	30	Feet

General Comments

Span 22 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	8,364	7,945	400	19	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	spall with no exposed steel on the deck bottom at bent 20 in bay 1 (7.5ft x 3" x 3").	3	8	8 Square Feet
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)	3	3	3 Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 4 at bent 20 (7.5ft x 3.5" x 3.5"	3	8	8 Square Feet
12	Efflorescence/Rust Staining	transverse cracking up to (1/64") wide and surface efflorescence on the bottom and in the overhangs	2	400	Square Feet
12	Damage	surface corrosion on the overhang assembly for the west bound traffic signal on the left overhang at bent 19	2		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> multiple transverse cracks on the deck surface up to (1/8") wide	1		Square Feet

General Comments

Span 22 Beam 2**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	0	134	0	0 Feet
515	Steel Protective Coating	2,144	2,010	134	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	134	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134 Square Feet

General Comments

Span 22 Beam 4**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	0	134	0	0 Feet
515	Steel Protective Coating	2,144	2,010	134	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	134	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had corrosion and scale with no measureable section loss on the top flange of the end diaphragm in at bent 20	1		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134 Square Feet

General Comments

Span 22**Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	134	0	134	0	0	Feet
515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	134			Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134		Square Feet
General Comments							

Span 22**Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	134	0	134	0	0	Feet
515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134			Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134		Square Feet
General Comments							

Span 22**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	134	0	134	0	0	Feet
515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134			Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134		Square Feet
General Comments							

Span 22**Beam 1 Near Bearing****Rocker 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	7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Connection	[PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"	3	1		1	Each
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2				Each

Inspection Date: 12/20/2021

General Comments

Fixed Bearing

515	Steel Protective Coating	5	3	2	0	0	Square Feet
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General Comments

Rocker Bearing

515	Steel Protective Coating	7	5	2	0	0	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	5	3	2	0	0	Square Feet
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General Comments

Span 22**Beam 3 Near Bearing****Rocker 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	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Connection	[PROMPT ACTION REQUEST] RIGHT ANCHOR BOLT LIFTED 3/4"	3	1	1	Each
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 22**Beam 3 Far Bearing****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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 22**Beam 4 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 22**Beam 4 Far Bearing****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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had PM - active corrosion and section loss on the bottom of the west face, section loss (8" x 1/2" x 3/16") into the plate.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 5 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 5 Far Bearing 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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 6 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 6 Far Bearing**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	5	4	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	corrosion and scale throughout the masonry plate	2	1	Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED	4	1	1 Square Feet
General Comments					

Span 22 Beam 7 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 7 Far Bearing**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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 8 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Corrosion and scale with no measureable section loss.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Beam 8 Far Bearing

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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had PM - section loss on the west and south faces of the masonry plate up to (15" x 1 1/2" x 1/4" into the plate).	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 22 Joint at Bent 19

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	54	49	0	0	5 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Seal Adhesion	SCATTERED ALONG THE LENGTH IN THE LEFT LANES, LOSS OF ADHESION UP TO FULL DEPTH	4	5	5 Feet
General Comments					

Span 23 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	8,364	8,124	218	22	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	(23" x 7" x 4" deep) spall with exposed rebar on the deck bottom in bay 6 at 54ft from bent 20.	3	2	2 Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom in bay 6 (20ft x 4" x 3")	3	20	20 Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): (88" x 7") sound patch in the deck surface at bent 20 in the EBL	2	8	Square Feet
12	Damage	areas of missing joint material along the deck edges in bay 6	2		Square Feet
12	Efflorescence/Rust Staining	hairline transverse cracking and surface efflorescence on the deck bottom and on the overhangs.	2	210	Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet

12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking on the deck surface in both lanes up to (1/16") wide	1	Square Feet
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General Comments

Span 23 Beam 1 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	6	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE	1		Square Feet

General Comments

Span 23 Beam 1 Far Bearing

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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet

General Comments

Span 23 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	0	134	0	0 Feet
515	Steel Protective Coating	2,144	2,010	134	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134 Square Feet

General Comments

Span 23 Beam 2 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 23 Beam 2 Far Bearing**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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 23 Beam 3 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet

General Comments

Span 23 Beam 3 Far Bearing**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	5	4	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had corrosion and scale at the top of the bearing	2	1		Each

Inspection Date: 12/20/2021

General Comments

Rocker Bearing

515	Steel Protective Coating	7	5	2	0	0	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	5	4	1	0	0	Square Feet
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General Comments

Plate Girder

515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet
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General Comments

Span 23 Beam 5 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 23 Beam 5 Far Bearing**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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 23 Beam 6**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	134	0	134	0	0	Feet
515	Steel Protective Coating	2,144	2,010	134	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134	Square Feet
General Comments						

Span 23 Beam 6 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	6	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	corrosion and scale throughout the masonry plate	2	1		Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED	4	1	1	Square Feet

General Comments**Span 23 Beam 6 Far Bearing****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	5	5	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

General Comments**Span 23 Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	0	134	0	0 Feet
515	Steel Protective Coating	2,144	2,010	134	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Connection	Bent 21, bent diaphragm attachment at the right side of beam 7, bottom nut is missing	3		1 Feet
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134 Square Feet

General Comments**Span 23 Beam 7 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	6	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	corrosion and scale throughout the masonry plate	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet

General Comments**Span 23 Beam 7 Far Bearing****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	5	4	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had PM - section loss on the top face of the masonry plate (12" x 6" x 1/4" deep) and in the right face of the left vertical plate (3" x 1 1/2" x 1/8").	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 23 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	134	0	134	0	0 Feet
515	Steel Protective Coating	2,144	2,010	134	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	134	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	134	134 Square Feet
General Comments					

Span 23 Beam 8 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 23 Beam 8 Far Bearing

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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 23 Beam 9 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	6	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED CORROSION	2	1		Each
515	Chalking (Steel Protective Coatings)	Freckled rust, corrosion of the steel has initiated.	2	1		Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE	1			Square Feet
General Comments						

Span 23 Beam 9 Far Bearing**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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 23 Beam 10 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	7	5	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2	Square Feet
General Comments						

Span 23 Beam 10 Far Bearing**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	5	3	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 23 Beam 11 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	5	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 23 Beam 11 Far Bearing 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	5	3	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	2	2 Square Feet
General Comments					

Span 23 Joint at Bent 20 Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	54	30	0	0	24 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Seal Adhesion	SCATTERED ALONG THE LENGTH, LOSS OF ADHESION UP TO FULL DEPTH	4	24	24 Feet
General Comments					

Span 24 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	6,969	5,768	1,201	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Efflorescence/Rust Staining	transverse cracking up to (1/64") wide and surface efflorescence on the deck bottom and on the overhangs	2	1,200	Square Feet
12	Patched Areas	RECENTLY REPAIRED WITH 8" WIDE X 4" LONG PATCH 2020 INSPECTION: (2018 INSPECTION STATES): spall with no exposed rebar on the deck bttom in bay 5 at bent 21 (7" x 4" x 2")	2	1	Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): 48" transverse cracking on the deck surface in the EBL up to (1/8") wide	1		Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking on the deck surface up to (1/16") wide	1		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
General Comments					

Span 24 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	82	81	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Cracking (RC and Other)	(17) WRAP AROUND CRACKS UP TO .03" OPEN 5' TO 9' APART IN CURB SECTION.	2		Feet
333	Connection	bottom rail is disconnected at 22ft from bent 22	2	1	1 Feet
General Comments					

Span 24 Beam 2**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	61	0	61	0	0 Feet
515	Steel Protective Coating	671	610	61	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	61	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	61	61 Square Feet
General Comments					

Span 24**Beam 2 Far Bearing****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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 24**Beam 3****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	66	0	66	0	0	Feet
515	Steel Protective Coating	719	653	66	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	66		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	66	66	Square Feet

General Comments

Span 24**Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	81	1	80	0	0	Feet
515	Steel Protective Coating	889	809	80	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	80		Feet
107	Corrosion	RECENTLY CLEANED, PAINTED, AND CORROSION ARRESTED 2020 INSPECTION. (2018 INSPECTION STATED): corrosion and scale with no measureable section loss on the bottom flange at the far bearing	1			Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	80	80	Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED	1			Square Feet

General Comments

Span 24**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	85	0	85	0	0	Feet
515	Steel Protective Coating	935	850	85	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	85		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	85	85	Square Feet

General Comments

Span 24**Beam 10****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	94	0	94	0	0	Feet
515	Steel Protective Coating	1,030	936	94	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	94		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	94	94	Square Feet

General Comments

Span 24**Beam 12****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	102	0	102	0	0	Feet
515	Steel Protective Coating	1,122	1,020	102	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	102		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	102	102	Square Feet

General Comments

Span 24**Beam 9 Far Bearing****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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments
Span 24
Beam 12 Near Bearing
Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments
Span 24
Joint at Bent 21
Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	78	62	0	0	16	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Seal Adhesion	SCATTERED ALONG THE LENGTH, LOSS OF ADHESION UP TO FULL DEPTH	4	16	16	Feet

General Comments
Span 25
Deck
Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	7,182	6,775	406	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	spall with no exposed steel on the deck bottom at girder 6 at bent 23 (12" x 10" x 2")	3	1	1	Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): PRIORITY MAINTENANCE - spall with exposed rebar on the deck surface at Bent 22 (72" x 12" x 4") causing a traffic hazard (PM)	2	6		Square Feet
12	Efflorescence/Rust Staining	Transverse cracking up to (1/64") wide and surface efflorescence on the deck bottom and on the overhangs	2	400		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> transverse cracking on the deck surface near mid span in the WBL up to (1/32") wide	1			Square Feet

General Comments

Span 25 Beam 1 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 1 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 2 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 2 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 25 Beam 3 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 25 Beam 3 Far Bearing****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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 25 Beam 4 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 25 Beam 4 Far Bearing****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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 25**Beam 5****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	82	81	1	0	0 Feet
515	Steel Protective Coating	899	897	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	corrosion and scale on the bottom flange at 25ft from bent 22 (14" x 6")	2	1	Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILURE	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED	1		Square Feet
General Comments					

Span 25**Beam 5 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 25**Beam 5 Far Bearing****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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had corrosion and scale on the bottom flange	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE	1		Square Feet

General Comments**Span 25****Beam 6****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	82	0	82	0	0 Feet
515	Steel Protective Coating	899	817	80	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	corrosion and scale with no measureable section loss on the top flange at bent 23	2	2	Feet
107	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	80	Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	80	80 Square Feet

General Comments

Span 25**Beam 6 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 25**Beam 6 Far Bearing****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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 25**Beam 7 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25**Beam 7 Far Bearing****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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	82	81	1	0	0	Feet
515	Steel Protective Coating	899	898	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	corrosion and scale on the top flange at bent 24 for 1ft long	2	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.	1			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILURE	4	1		Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED	1			Square Feet

General Comments

Span 25 Beam 8 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 8 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had corrosion and scale (32" x 2 1/2" x 1/8") at the bottom of the masonry plate	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE	1			Square Feet

General Comments

Span 25 Beam 9 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 9 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 10 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 10 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the bearing again. 2018 report had Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 25 Beam 11 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 25 Beam 11 Far Bearing

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	3	2	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 25 Beam 12 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 25 Beam 12 Far Bearing

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	3	2	1	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 26 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	7,182	6,996	180	6	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

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12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 1 at bent 23 up to (16" x 6" x 3/4")	3	2	2	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom at girder 7, bay 6 at bent 24 (9" x 2" x 2" deep).	3	1	1	Square Feet
12	Delamination/Spall	delam and spall with no exposed steel on the deck bottom in bay 5 at bent 23 (14" x 4" x 1/2")	3	2	2	Square Feet
12	Delamination/Spall	spall with no exposed steel on the deck bottom at girder 6 at bay 6 at bent 23 (12" x 2" x 2").	3	1	1	Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): sound patch on the ramp at bent 26 (36" x 12")	2	3		Square Feet
12	Delamination/Spall	(x2) spalls with no exposed steel on the deck bottom in bay 2 at bent 23 up to (6" x 4" x 1/2")	2	2	2	Square Feet
12	Efflorescence/Rust Staining	Surface efflorescence and transverse cracking up to (1/64") wide in the deck bottom in bays 1, 2, 5,6, 10 and 11)	2	175		Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking on the deck surface up to (1/16") wide in the EBL	1			Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place (similar throughout bridge)	1			Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking on the deck surface up to (1/32") wide	1			Square Feet

General Comments

Span 26**Beam 1****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	105	104	0	0	1 Feet
515	Steel Protective Coating	1,606	1,606	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Connection	[PROMPT ACTION REQUEST] West brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place.	4	1	1 Feet
107	Damage	REPAINTED	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust of the steel has initiated.	1		Feet

General Comments

Span 26**Beam 1 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	corrosion and scale with no measureable section loss on the bottom nut under the top flange of the cap	2	1	Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED	4	1	1 Square Feet

General Comments

Beam 1 Far 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	3	2	1	0	0	Square Feet

General Comments

Beam 2 Near Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

General Comments

Beam 2 Far 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	3	2	1	0	0	Square Feet

General Comments

Span 26 Beam 3 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 26 Beam 3 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 26 Beam 4 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 26 Beam 4 Far Bearing**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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: **640013**Inspection Date: **12/20/2021**

313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had Corrosion and scale with no measureable section loss.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 26 Beam 5 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 26 Beam 5 Far Bearing 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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had Corrosion and scale with no measureable section loss.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 26 Beam 6 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Beam 6 Far 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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had PM - greater than 75% section loss on the right anchor rod nut, corrosion and scale on the masonry plate with no measureable section loss	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Beam 7 Near Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments	

Beam 7 Far 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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had PM- active corrosion and section loss up to 75% on the left anchor rod nut, corrosion and scale on the masonry plate with no measureable section loss	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 26**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	77	76	1	0	0 Feet
515	Steel Protective Coating	838	838	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had PM- active corrosion and section loss on the right web and web stiffener at Bent 23, section loss (1/16") into the web with 3/8" remaining for (5" high x 3" long), section loss with (11/16") remaining on the stiffener for (5" high x 2 1/2" long).	2	1	Feet
107	Corrosion	REPAINTED	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had freckled rust, corrosion of the steel has initiated	1		Feet

General Comments

Span 26**Beam 8 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 26**Beam 8 Far Bearing****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	3	2	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had Corrosion and scale with no measureable section loss.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 26 Beam 9 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Span 26 Beam 9 Far Bearing**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	3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	Corrosion and scale with no measureable section loss.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED	4	1	1		Square Feet
General Comments							

Span 26 Beam 10 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1		Square Feet
General Comments							

Span 26 Beam 10 Far Bearing**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	3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	Corrosion and scale with no measureable section loss.	2	1			Each

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General Comments

Rocker Bearing

515	Steel Protective Coating	4	3	1	0	0	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	3	2	1	0	0	Square Feet
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General Comments

Rocker Bearing

515	Steel Protective Coating	4	3	1	0	0	Square Feet
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General Comments

Span 26**Beam 12 Far Bearing****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	3	2	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: bearing has been cleaned and repainted but freckled rust has started to show on the masonry plate. 2018 report had Corrosion and scale with no measureable section loss.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	59	9	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Damage	PRIORITY MAINTENANCE - west brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place (PM)	3		1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x7) spalls with exposed rebar on the bottom face at mid span up to (7" x 4" x 1/2")	2	7		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")	2	2		Feet

General Comments

Span 27**Beam 1 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 1 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION area on the bottom face at 10ft from bent 24 (4" x 2")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (27" x 4" x 2 1/2") and (1) strand exposed on the bottom left flange at Bent 24, strand exposed for (16") long, active corrosion on strand with no measureable section loss	2	3		Feet

General Comments

Span 27**Beam 2 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 2 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each

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General Comments

Movable Bearing

515	Steel Protective Coating	1	0	1	0	0	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	1	0	1	0	0	Square Feet
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General Comments

Prestressed Concrete Girder

109	Prestressed Concrete Open Girder/Beam	68	63	5	0	0	Feet
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General Comments

General Comments

Span 27
Beam 4 Near Bearing
Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27
Beam 4 Far Bearing
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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27
Beam 5
Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 23ft from Bent 25 (7" x 5" x 1/2")	2	1		Feet

General Comments

Span 27
Beam 5 Near Bearing
Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 5 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27**Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	41	27	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (32" x 22" x 3") and (1) exposed strand on the bottom and left faces at Bent 24, strand exposed for (20") long, active corrosion with no measureable section loss on strand	2	3		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 16ft from bent 25 (4" x 3" x 1/4")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x23) spalls with exposed rebar on the bottom face up to (18" x 5" x 1/2")	2	23		Feet

General Comments

Span 27**Beam 6 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27 **Beam 6 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 27 **Beam 7 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 27 **Beam 7 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 27 **Beam 8 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 27 Beam 8 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	62	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	6 sound patches on the bottom face starting at the 1/3 point up to 14" wide x 10" long	2	6		Feet

General Comments

Span 27 Beam 9 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27 Beam 9 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 27 Beam 10 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27 Beam 10 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 27 Beam 11**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	63	5	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (8" x 3" x 1/2") spall with exposed rebar on the bottom face at 21ft from bent 24	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) DELAMINATION areas on the bottom face at mid span up to (6" x 6")	2	4		Feet

General Comments

Span 27 Beam 11 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 27 Beam 11 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 27 Beam 12 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 27 Beam 12 Far Bearing**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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 27**Beam 13****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	52	16	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	sound patch on the bottom face up to 20" wide x 4 ft. long at bent 24	2	4	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x12) DELAMINATION areas on the bottom face at 10ft from bent 24 up to (18" x 1 1/2" x 1/4")	2	12	Feet

General Comments

Span 27**Beam 13 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 27**Beam 13 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 27**Beam 14****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	55	13	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x13) DELAMINATION areas on the bottom face at 10ft from bent 24 up to (10" x 2 1/2" x 1/4")	2	13	Feet

General Comments

Beam 14 Near Bearing

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

General Comments

Beam 14 Far 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	1	0	0	Square Feet

General Comments

Beam 15

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

General Comments

Beam 15 Near Bearing

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

General Comments

Span 27**Beam 15 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	6,643	6,639	4	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): (48" x 12") sound patch on the deck surface in the left shoulder at bent 26	2	4		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet

General Comments

Span 28**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	53	14	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (7" x 3" x 1/2")	3	1	1	Feet
109	Patched Area	sound patch on the bottom face at 12.5ft from bent 26 (7" x 6")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face near mid span up to (4" x 2 1/2" x 1/2")	2	4		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x5) spalls with with exposed rebar on the bottom face at 18.5ft from bent 26 up to (6" x 6" x 1/2")	2	5		Feet
109	Patched Area	(x2) sound patches on the bottom face at mid span up to (8" x 7")	2	2		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 3ft from bent 26 up to (8" x 6" x 3/4")	2	2		Feet
109	Delamination/Spall	DUPLICATE	1			Feet

General Comments

Span 28 Beam 1 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 1 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 2**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 10" x 10", at 1/3 point	2	1		Feet

General Comments

Span 28 Beam 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 2 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 3**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	51	17	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face near mid span up to (9" x 4" x 1/2")	2	1		Feet
109	Patched Area	REPAIR observed in 2020 insp: 15 sound patches up to 18" wide x 12" long. 2018 report had (x10) spalls with exposed rebar at mid span on the bottom face up to (14" x 6" x 1/2")	2	15		Feet
109	Patched Area	sound patch on the bottom right face at bent 26 (4" x 6")	2	1		Feet
109	Delamination/Spall	DUPLICATE	1			Feet

General Comments

Span 28 Beam 3 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 3 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28 Beam 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28 Beam 4 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28 Beam 5

Prestressed Concrete Girder

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		68	44	24	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face starting at 9ft from bent 25 up to (18" x 6" x 1/2")	2	16	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at bent 25 up to (7" x 7" x 1/2")	2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed steel on the bottom face at 24ft from bent 26 (12" x 5" x 1/2")	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (13" x 9" x 1") and (2) exposed strands on the bottom face at 22ft from Bent 25, strands exposed for up to (9.5") long, active corrosion with less than (1/16") section loss on the strands	2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face starting at 22.5ft from Bent 26 up to (6" x 4" x 1/2")	2	3	Feet

109 Cracking (PSC) 11in long longitudinal crack less than (0.004") wide on the bottom face at mid span 1 Feet

General Comments

Span 28 Beam 5 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 5 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 6**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patched on both the left and right bottom faces at bent 26 (4" x 6")	2	2		Feet

General Comments

Span 28 Beam 6 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28 Beam 6 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28 Beam 7

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	68	66	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Cracking (PSC)	cracking up to (0.009") wide on the right face at bent 25	2	2	2 Feet
General Comments					

Span 28 Beam 7 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28 Beam 7 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1	Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28**Beam 8****Prestressed Concrete Girder**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		68	67	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	spall with exposed rebar in the left web at bent 25 (1" x 1" x 1/4")	2		1 Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1 1/2" x 1/4")	2	1	1 Feet
109	Cracking (PSC)	hairline cracking on the bottom left flange at bent 25, 2 ft. long (bottom right flange similar)	1	2	Feet
General Comments					

Span 28**Beam 8 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28**Beam 8 Far Bearing****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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28**Beam 9****Prestressed Concrete Girder**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam		68	54	14	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar and sound patches on the bottom face up to (13" x 6" x 1/2")	2	7		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x5) spalls with exposed rebar on the bottom face up to (18" x 6" x 1") and unsound patches up to (18" x 9") near mid span	2	7		Feet
General Comments						

Span 28**Beam 9 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28**Beam 9 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28**Beam 10****Prestressed Concrete Girder**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam		68	62	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 12ft from Bent 25 up to (5" x 5" x 1/2")	2	3		Feet
109	Patched Area	sound patch on the bottom face at 1ft from Bent 25 (14" x 6")	2	2		Feet

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109 Patched Area [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 25 (6" x 4" x 1/2") 2 1 Feet

General Comments

Span 28 Beam 10 Near Bearing
Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 28 Beam 10 Far Bearing
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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 28 Beam 11 Near Bearing
Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 28 Beam 11 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 12**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	48	20	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> 20ft area of DELAMINATION and repairs on the bottom face at mid span up to (18" x 4")	2	20		Feet

General Comments

Span 28 Beam 12 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 Beam 12 Far Bearing**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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28**Beam 13****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face 8" in diameter, 7 ft. from bent 25	2	1		Feet

General Comments

Span 28**Beam 13 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28**Beam 13 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28**Beam 14****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	67	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	(20" x 3" x 1/2") spall with exposed rebar on the bottom face at 2ft from bent 25	3	1	1	Feet

General Comments

Span 28 **Beam 14 Near Bearing**

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 **Beam 14 Far Bearing**

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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 **Beam 15**

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	68	64	3	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	(12" x 5" x 1/2") spall with exposed rebar in the bottom face at 15ft from bent 26	3	1	1	Feet
109	Patched Area	3 sound patches on the bottom face up to 6" in diameter at the 2/3 point	2	3		Feet

General Comments

Span 28 **Beam 15 Near Bearing**

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 28 **Beam 15 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28 **Beam 16 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28 **Beam 16 Far Bearing****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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28 **Beam 17 Near Bearing****Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 28

Beam 17 Far Bearing

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	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 28

Joint at Bent 25

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	90	82	8	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	LEFT LANES, THE ADJACENT DECK HEADERS HAVE SCATTERED CHIPPING TO 1" WIDE	2	8	Feet
General Comments					

Span 29

Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	6,427	6,402	25	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): sound patch on the deck surface at the left shoulder at bent 26	2	1	Square Feet
12	Cracking (RC and Other)	Cracking on the deck bottom up to (1/32") wide with surface efflorescence at bent 27	2	24	24 Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
General Comments					

Span 29

Beam 1

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	71	6	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

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109	Patched Area	3 sound patches on the bottom face at mid-span, up to 12" in diameter	2	3	Feet
109	Patched Area	sound patch on the bottom face at 15ft from bent 26 (7" x 5")	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 26 (11" x 6" x 1/2')	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 27 (3" x 3" x 1/8")	2	1	Feet

General Comments

Span 29 Beam 1 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 29 Beam 1 Far Bearing 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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 29 Beam 2 Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	70	7	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	sound patch on the face of the bottom flange 12 ft. from bent 27, 16" wide x 14" long	2	1	Feet
109	Patched Area	sound patch on the bottom face near mid span (12" x 6")	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at mid span up to (6" x 5" x 1/2")	2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar and unsound patch on the bottom face at 18ft and 20ft from Bent 27 (7" x 5" x 1/2") spall and (10" x 5") patch	2	2	Feet
109	Patched Area	sound patch on the bottom face at 11ft from bent 27 (9" x 6")	2	1	Feet

General Comments**Span 29 Beam 2 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 29 Beam 2 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 29 Beam 3****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	73	4	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	3 sound patches on the bottom face, up to 10" in diameter near mid-span	2	3	Feet
109	Patched Area	sound patch on the bottom face, 6 ft. from bent 26, 10" x 10"	2	1	Feet

General Comments**Span 29 Beam 3 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 29 Beam 3 Far Bearing

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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29 Beam 4

Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	76	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	end diaphragm in bay 5 back face at Bent 26: spall with exposed rebar (7" x 4" x 1/2")	3		1 Feet
109	Delamination/Spall	spall with no exposed steel on the back, bottom right corner at bent 26 (1" x 1" x 1")	2	1	1 Feet
109	Exposed Rebar	end diaphragm in bay 3 at bent 27, sound patch and spall with exposed rebar (5" x 4" x 1/2")	2		1 Feet
General Comments					

Span 29 Beam 4 Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29 Beam 4 Far Bearing**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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 29 Beam 5**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	73	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Cracking (PSC)	spall with exposed rebar on the right web at bent 27 (2 1/2" x 1 1/2") and vertical cracking in the web up to (0.005") wide	2	1	1	Feet
109	Patched Area	sound patch on the bottom face, 12" in diameter, 20 ft. from bent 26	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 3ft from Bent 26 up to (9" x 4")	2	2		Feet

General Comments

Span 29 Beam 5 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 29 Beam 5 Far Bearing**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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each

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515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 29**Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	75	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Cracking (PSC)	vertical cracking in the left web at bent 27 up to (0.005") wide	2	1	1 Feet
109	Patched Area	sound patch on the bottm face at 24.5ft from bent 26 (9" x 4")	2	1	Feet
General Comments					

Span 29**Beam 6 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29**Beam 6 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29**Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	54	23	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 23ft from Bent 27, (10" x 7") and (18" x 6")	2	3	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar near large patched area near mid span (8" x 4" x 1/2")	2	1	Feet
109	Patched Area	sound patch on the bottom face at 5ft from Bent 26, 20" wide x 12" long	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at 26ft from Bent 27 up to (13" x 7" x 1/2")	2	4	Feet
109	Patched Area	(x10) sound patches on the bottom face near mid span up to (10" x 6")	2	10	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 17ft from Bent 27 up to (5" x 3" x 1/4")	2	3	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from bent 27 (5" x 4" x 1/2")	2	1	Feet

General Comments

Span 29 Beam 7 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 29 Beam 7 Far Bearing 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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 29 Beam 8 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29 **Beam 8 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29 **Beam 9****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	76	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	(11" x 3") sound patch on the bottom face at 35.5ft from bent 26	2	1	Feet
General Comments					

Span 29 **Beam 9 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29 **Beam 9 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29**Beam 10****Prestressed Concrete Girder**

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam		77	72	4	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	(11" x 5") unsound patch on the bottom face near mid span	3	1	1 Feet
109	Patched Area	(x3) sound patched on the bottom face at 35.5ft from bent 26 up to (11" x 4")	2	3	Feet
109	Patched Area	(10" x 4") sound patch on the bottom face at 32ft from bent 26	2	1	Feet
General Comments					

Span 29**Beam 10 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29**Beam 10 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet
General Comments					

Span 29**Beam 11****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	75	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 14" wide x 12" long, 18 ft. from bent 27	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 30ft from bent 27 (10" x 6" x 1/4")	2	1		Feet

General Comments

Span 29**Beam 11 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 29**Beam 11 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 29**Beam 12 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments**Span 29 Beam 12 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 30 Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	77	76	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from bent 28 (9" x 4" x 1/2")	2	1	Feet

General Comments**Span 30 Beam 1 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments**Span 30 Beam 1 Far Bearing****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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each

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General Comments

Beam 2

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	72	5	0	0	Feet

General Comments

Beam 2 Near Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

General Comments

Beam 2 Far 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	4	3	1	0	0	Square Feet

General Comments

Span 30**Beam 3****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	76	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 18ft from bent 27 (11" x 10" x 1/4")	2	1		Feet

General Comments

Span 30**Beam 3 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 3 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 4****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	67	10	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at mid span up to (10" x 9" x 1/4")	2	4		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> Spall with exposed rebar in bottom of girder, approximately 32' from face of Bent 27 Cap	2	1		Feet

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109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> 46" section of (x3) spalls with exposed rebar up to (13" x 6" x 1/2") on the bottom face at 38ft at bent 27	2	3	Feet
109	Patched Area	32" section of (11" x 7") and (14" x 5") repairs in bottom of girder, beginning approximately 37' from face of Bent 27 Cap	2	2	Feet

General Comments

Span 30 Beam 4 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 30 Beam 4 Far Bearing 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	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 30 Beam 5 Near Bearing Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	4	3	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1 Square Feet

General Comments

Span 30 Beam 5 Far Bearing**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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30 Beam 6**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	76	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	spall with no exposed steel on the bottom left face at bent 27 (7" x 1 1/2" x 1/2")	3	1	1	Feet

General Comments

Span 30 Beam 6 Near Bearing**Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30 Beam 6 Far Bearing**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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	72	5	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom and left faces at 26ft from Bent 27 (18" x 7" x 3")	2	2		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> failed patch on the bottom face at 25ft from Bent 27 exposing steel (6" x 6" x 1/2")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (12" x 9" x 1") and (1) exposed strand on the bottom face at 24.5ft from Bent 27, strand exposed for (2") long, active corrosion with no measureable section loss on strand	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with no exposed steel on the bottom face at 23.5ft from Bent 27 (6" x 6" x 1/2")	2	1		Feet

General Comments

Span 30**Beam 7 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 7 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 8****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	76	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 7" wide x 12" long. 2018 report had spall with exposed rebar on the bottom face at 28ft from Bent 27 (12" x 4" x 1/2")	2	1		Feet
General Comments						

Span 30**Beam 8 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 30**Beam 8 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet
General Comments						

Span 30**Beam 9****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	72	5	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 30ft from bent 27 up to (13" x 3" x 1/4")	2	3		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at mid span (11" x 5" x 1/4")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION on the bottom face at 7ft from bent 28 (6" x 6")	2	1		Feet

General Comments
Span 30
Beam 9 Near Bearing
Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30
Beam 9 Far Bearing
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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30
Beam 10
Prestressed Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	71	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> area of delamination on the bottom face, 5" in diameter, 15' from bent 28, with 3/16" separation	2	1		Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 12" wide x 10" long. 2018 report had spall with exposed rebar on the bottom face at 1ft from bent 28 (8" x 3" x 1/4")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 20ft from bent 28 up to (10" x 3" x 1/4")	2	3		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom right flange with exposed strand (11" x 7" x 1") at 6ft from bent 28, strand exposed for 6" long	2	1		Feet

General Comments

Span 30**Beam 10 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 10 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 11****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	77	73	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION on the bottom face at 6ft from bent 28 (6" x 6")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 24ft from bent 28 (6" x 1" x 1/4")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 27 (11" x 4" x 1/2")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from Bent 28 (12" x 6" x 1/2")	2	1		Feet

General Comments

Span 30**Beam 11 Near Bearing****Rocker Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 30**Beam 11 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 31**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	7,014	7,010	4	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the deck bottom in bay 7 at 2ft from Bent 28 (18" x 5" x 1/2")	2	2		Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): sound patch in the WBL at the centerline at bent 28 (17" x 9")	2	2		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet

General Comments

Span 31**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	94	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Cracking (PSC)	vertical cracking on the left web at Bent 29 up to (0.015") wide	2	1	2	Feet

General Comments**Span 31****Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	66	29	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 11" wide x 8" long. 2018 report had spall with exposed rebar on the bottom face at 6ft from Bent 29 (6" x 4" x 1/2")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 14ft and 21ft from Bent 29 up to (10" x 4")	2	2		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 30ft from Bent 28 (8" x 5" x 1/2")	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x25) spalls with exposed rebar on the bottom face at mid span up to (20" x 5" x 1/2")	2	25		Feet

General Comments

Span 31**Beam 3****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	93	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: 2 sound patches up to 12" wide x 7" long. 2018 report had failed patch on the bottom face exposing rebar near mid span (6" x 3")	2	2		Feet

General Comments

Span 31**Beam 3 Far Bearing****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	4	3	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	1	1	Square Feet

General Comments

Span 31**Beam 4****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	92	3	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) DELAMINATION areas on the bottom right flange at 10ft from Bent 29 up to (6" x 3") (loose concrete over roadway)	2	2		Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch, 14" wide x 9" long. 2018 report had failed patch on the bottom face at mid span exposing rebar (6" x 1")	2	1		Feet

General Comments

Span 31**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	94	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 16ft from Bent 28 (5" x 4" x 1/4")	2	1		Feet

General Comments

Span 31**Beam 6****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	93	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	2 sound patches on the bottom face, 7 ft. from bent 29, up to 5" in diameter	2	2		Feet

General Comments

Span 31**Beam 7****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	93	1	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with exposed rebar on the right web at 1ft from Bent 28 (7" x 3" x 1/2")	3	1	1	Feet
109	Patched Area	sound patch on the bottom right flange at 1ft from Bent 28	2	1		Feet

General Comments

Span 31**Beam 8****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	93	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom left flange chamfer at 0.5ft from Bent 28 (14" x 8" x 1")	2	2		Feet

General Comments

Span 31**Beam 9****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	94	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face near mid span up to (7" x 4" x 1/2")	2	1		Feet

General Comments

Span 31**Beam 11****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	88	7	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	6 sound patches on the bottom face at the 2/3 point up to 14" wide x 8" long	2	6		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the top of the back face at Bent 27 (6" x 5" x 1/2")	2	1		Feet

General Comments

Span 31**Beam 12****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	95	90	5	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: 2 sound patches up to 14" wide x 9" long. 2018 report had PM - delam on the bottom face over the southbound bike lane (9" x 4") (loose concrete over roadway)	2	2		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar over the southbound bike lane (1 1/2" x 2" x 1/2")	2	1		Feet

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109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> Impact Damage (apparent) on the bottom right flange over exit ramp, spall with no exposed steel (8" x 3" x 1/2") - Clearance 16.25ft at this location	2	1	Feet
109	Patched Area	REPAIR observed in 2020 insp: sound patch 15" wide x 8" long. 2018 report had spall with exposed rebar on the bottom face at 6ft from bent 28 (15" x 6" x 1/2")	2	1	Feet

General Comments

Span 31 Joint at Bent 28**Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	76	75	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Seal Damage	LEFT LANES, THERE IS A TEAR IN THE TOP OF THE SEAL [APPROXIMATELY 2" DIAMETER]	3	1	1 Feet

General Comments

Span 32 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	3,131	3,093	38	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Efflorescence/Rust Staining	hairline transverse surface cracking with efflo. in bays 11, 10 and 9	2	35	Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): unsound patch in the WBL in the right lane at Bent 29 (6" x 6")	2	1	Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): sound patch in the WBL in the right lane at Bent 29 (12" x 18")	2	2	Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY --> abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking on the deck surface up to (1/32") wide (similar throughout bridge)	1		Square Feet

General Comments

Span 32 Left Bridge Rail**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	43	42	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Damage	damage to the bottom rail at End Bent 2	3	1	1 Feet

General Comments

Beam 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	41	40	1	0	0	Feet

General Comments

Beam 1 Far 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

General Comments

Beam 2 Far 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

General Comments

Beam 3 Far 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

General Comments

Span 32 Beam 4 Far Bearing**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	Corrosion and scale with no measureable section loss.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 32 Beam 5 Far Bearing**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	Corrosion and scale with no measureable section loss.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1	Square Feet

General Comments

Span 32 Beam 8 Far Bearing**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	Corrosion of the steel has initiated.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing and corrosion of the steel has initiated	4	1	1	Square Feet

General Comments

Span 32 Beam 9**Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete Open Girder/Beam	41	35	1	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Cracking (PSC)	cracking on the bottom right flange at bent 29 up to (0.03") wide and spall with exposed rebar (5 1/2" x 2" x 1/2")	3	5	5	Feet
109	Patched Area	bottom right flange at End Bent 2: sound patch	2	1		Feet

General Comments

Span 32**Beam 10****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	41	39	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	bottom right flange at End Bent 2: delam (4" x 6")	2	1	1 Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at 3ft from Bent 29 (4" x 1 1/2" x 1/8")	2	1	1 Feet

General Comments

Span 32**Beam 11****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	41	40	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	bottom right flange at End Bent 2: spall with no exposed steel (4" x 5" x 1")	2	1	1 Feet

General Comments

Span 32**Joint at Abutment 2****Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	76	69	0	7	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	SCATTERED ALONG THE LENGTHS OF THE ADJACENT DECK HEADERS, SPALLING [UP TO 18" LONG X 3" WIDE X 2" DEEP]	3	7	7 Feet

General Comments

Span 33**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	1,770	1,769	1	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): sound patch near bent 26	2	1	Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): transverse cracking at the Bent 26 joint at the centerline up to (1/16") wide	1		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1		Square Feet

General Comments

Span 33**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	55	5	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	delam on the bottom face near mid span (8" x 5")	2	1	1 Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face up to (5" x 5" x 1/2") at serveral locations	2	4	Feet

General Comments

Span 34**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	41	19	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (45" x 7" x 2") and (1) exposed strand 16ft from Bent 30, strand exposed for (24") long, active corrosion with section loss less than (1/16") on strand	2	4	Feet
109	Patched Area	RECENTLY PATCHED 4 PATCHES UP TO 14" WIDE X 12" LONG 2020 INSPECTION. (2018 INSPECTION STATED): (x4) spalls with exposed rebar on the bottom face at 12ft from Bent 30 up to (6" x 4" x 1/2")	2	4	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 14ft and 18ft from Bent 30 up to (6" x 6" x 1/2")	2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> (x9) spalls with exposed rebar on the bottom face starting 16ft from Bent 30 up to (16" x 7" x 2")	2	9	Feet

General Comments

Span 34**Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	59	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	RECENTLY PATCHED AREA 10" X 10" 2020 INSPECTION. (2018 INSPECTION STATES): spall with exposed rebar on the bottom face at bent 30 (6" x 5" x 1/2")	2	1	Feet

General Comments

Span 35**Deck****Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	1,828	1,821	7	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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12	Cracking (RC and Other)	cracking up to (1/32") wide with surface efflorescence on the bottom of the left overhang	2	5	5	Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the left overhang at Ramp End Bent (20" x 24" x 6")	2	2		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place	1			Square Feet

General Comments

Span 35**Beam 1****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	57	2	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Cracking (PSC)	APPROXIMATELY 14' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, DELAMINATION WITH ASSOCIATED CRACKING TO 1/8" WIDE [APPROXIMATELY 5"]	3	1	1 Feet
109	Patched Area	sound patch on the top left flange and ramp end bent , 6" long x 5" high	2	1	Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] APPROXIMATELY 18' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 5" DIAMETER X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS	2	1	1 Feet

General Comments

Span 35**Beam 2****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	59	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar in the top left flange at Ramp End Bent (7" x 1 1/2" x 1/4")	2	1	Feet

General Comments

Span 35**Beam 4****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	58	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 19ft from Bent 31 (10" x 7" x 1/2")	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 1ft from bent 31 (7" x 6" x 1/2")	2	1	Feet

General Comments

Span 35**Beam 5****Prestressed Concrete Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Concrete Open Girder/Beam	60	52	2	6	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
109	Delamination/Spall	[PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS	3	2	2 Feet
109	Delamination/Spall	spall with no exposed steel on the bottom left flange under the end diaphragm at the Ramp End Bent (10" x 7" x 1/2" deep), delam area at the back of the beam on the bottom left face at the same location (9" x 6")	3	2	2 Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with exposed steel on the top left flange at the Ramp End Bent (13" x 1" x 1/4")	3	2	2 Feet
109	Cracking (PSC)	hairline diagonal crack on the right side of the top flange, starting 8 ft. from end bent 2, 2 ft. long	2	2	2 Feet

General Comments

Span 35**Joint at Ramp Abutment****Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
302	Compression Joint Seal	24	19	0	5	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
302	Seal Adhesion	SCATTERED ALONG THE LENGTH, LOSS OF ADHESION UP TO 3/4 DEPTH, AND SCATTERED SPALLING IN THE ADJACENT DECK HEADER UP TO 18" LONG X UP TO 2" DEEP	3	5	Feet

General Comments

Element Condition and Maintenance Data

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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	61	30	31	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	delam area on the west face under bay 2 (6" x 4") with hairline map cracking	2	1	1 Feet
234	Efflorescence/Rust Staining	surface efflorescence with hariline map cracking throughout the west face	2	30	Feet
General Comments					

Bent 1 Pile 2

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Patched Area	(40" x 8") sound patch on the southwest face at the cap, 0.009" wide horizontal cracks observed	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	70	54	13	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
215	Efflorescence/Rust Staining	behind Girder 9: vertical cracking with efflorescence build-up for 2ft long.	3	2	2 Feet
215	Exposed Rebar	left of Girder 9: spall with exposed rebar (6" x 3" x 2")	3	1	1 Feet
215	Cracking (RC and Other)	surface efflorescence and cracking up to (1/32") wide behind Girder 1	2	3	Feet
215	Efflorescence/Rust Staining	surface efflorescence on the right wing	2	10	Feet
215	Scour	[NEW REPAIR - CONCRETE PLACED] FORMERLY --> 2' HIGH x 3' DEEP x FULL LENGTH SCOUR AREA UNDER CAP - PILES EXPOSED	1	54	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	63	52	6	5	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	horizontal cracking on the front and right faces up to (1/4") wide (2.5ft on each face)	3	5	5 Feet

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234	Efflorescence/Rust Staining	surface efflorescence at the right end and on the right wing	2	4	Feet
234	Efflorescence/Rust Staining	surface efflorescence under Girder 1 with hairline cracking, 2 ft. long 1 ft. high.	2	2	Feet
234	Patched Area	sound patch on the bottom face at pile 3	2		Feet
234	Damage	[NEW REPAIR - CONCRETE PLACED] FORMERLY --> PRIORITY MAINTENANCE - undermining of the cap for its full length and up to its full width, fill has been lost from underneath the cap, no obvious fill has been lost from behind the End Bent (PROMPT ACTION REQUEST)	1	63	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	61	31	30	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with hairline map cracking throughout the cap	2	30		Feet
234	Cracking (RC and Other)	hairline map cracking on both faces of the cap	1	25		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	120	117	0	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	right of girder 12: cracking up to (1/16") wide	3	1	1	Feet
215	Delamination/Spall	behind Girder 12: spall with no exposed steel (21" x 10" x 1" 1/2" deep)	3	2	2	Feet
215	Cracking (RC and Other)	hairline map cracking, 10 ft. long on the right side of abutment 2	1	10		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	87	74	13	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	left end: spall with no exposed rebar (4" x 3" x 1" deep)	2	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence throughout, under girders 7, 8 and 9	2	12		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	61	46	15	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with 9" hairline vertical crack on the west face at the left end	2	1		Feet
234	Efflorescence/Rust Staining	surface efflorescence with hairline cracking between the columns on the bottom face	2	14		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	61	44	17	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with hairline cracking on the bottom face between the columns	2	16		Feet
234	Patched Area	[NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the east face under girder 3 (16" x 6" x 1")	2	1		Feet
General Comments						

Bent 5 Cap 1**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	61	40	20	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	spall with exposed rebar on the bottom face under the left overhang (10" x 8" x 2")	3	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairline cracking on the bottom face between the columns	2	14		Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairline map cracking in both faces under girders 5 thru 8.	2	6		Feet
General Comments						

Bent 6 Cap 1**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	61	7	51	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking up to (1/16") wide with surface efflorescence and rust stains on the west face under girder 5 and delaminated area (21" wide x 15" high)	3	2	2	Feet
234	Cracking (RC and Other)	cracking up to (1/8") wide and efflorescence build-up on the west face under girder 1	3	1	4	Feet

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234	Efflorescence/Rust Staining	surface efflorescence and hairline map cracking on both faces	2	48	Feet
234	Efflorescence/Rust Staining	surface efflorescence on the west face under girder 9 and hairline cracking on the right face	2	3	Feet

General Comments

Bent 7 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	63	42	21	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	cracking up to (1/32") wide with surface efflorescence on the east face under girder 7	2	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence with hairline map cracking on both faces and in the bottom face between the columns	2	20	Feet

General Comments

Bent 7 Pile 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	10 ft. by the full circumference area of hairline to 1/16" wide map cracking from the ground line up 10 ft. high	3	1	10 Each

General Comments

Bent 8 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	63	40	21	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	[PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5', AND THE WEST APPROXIMATELY 1.5'.	3	2	10 Feet
234	Efflorescence/Rust Staining	surface efflorescence with hairline map cracking on the bottom face between the columns	2	21	Feet
234	Cracking (RC and Other)	DUPLICATE	1		Feet
234	Cracking (RC and Other)	hairline map cracking on the west face of the cap under beam 5	1	3	Feet

General Comments

Pile 1

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	cracking up to (1/64") wide with surface efflorescence for 20 square feet	2	1		Each
	General Comments					

Cap 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	61	40	20	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking and efflorescence on the east face under girder 1 up to (1/4") wide	3	1	3	Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairline map cracking on all faces throughout	2	20		Feet
General Comments						

Pile 1

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Patched Area	unsound patched area, 18" hairline map cracking with surface efflorescence in the southeast face at 1ft. from the cap.	3	1	1	Each
General Comments						

Cap 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	61	30	30	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	heavy build-up with vertical cracking on the east face under girder 1	3	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairline map cracking on all faces throughout	2	30		Feet
General Comments						

Bent 10**Pile 1****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
205	Cracking (RC and Other)	at the ground: cracking up to (1/16") wide with surface efflorescence for the full circumference	3	1	20		Each
General Comments							

Bent 10**Pile 2****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	1	0	0	Each
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
205	Efflorescence/Rust Staining	at the ground: surface efflorescence with hairline cracking	2	1			Each
General Comments							

Bent 11**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	61	21	40	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
234	Efflorescence/Rust Staining	surface efflorescence and hairline map cracking on all faces throughout	2	40			Feet
General Comments							

Bent 11**Pile 1****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	1	0	0	Each
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
205	Cracking (RC and Other)	cracking up to (1/32") wide vertical thru out the length of the pile	2	1			Each
General Comments							

Bent 11**Pile 2****Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	1	0	0	Each
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		

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205	Efflorescence/Rust Staining	at the ground: surface efflorescence (similar throughout)	2	1	Each
General Comments					

Bent 12 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		62	60	1	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	spall on the east bottom edge between the columns, 10" long x 3" high x 2" deep	3	1	1 Feet
234	Cracking (RC and Other)	cracking on the east face under bay 2 up to (1/64") wide	2	1	Feet
General Comments					

Bent 12 Pile 1**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Delamination/Spall	spall with exposed rebar at the bottom on the east face (18" x 9" x 2" deep)	3	1	2	Each
205	Cracking (RC and Other)	cracking up to (1/32") wide for the full column height with efflo	2			Each
General Comments						

Bent 12 Pile 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	hairline to 1/16" wide vertical cracking starting at groundline up 20 ft. high with efflorescence east face.	3	1	Each
General Comments					

Bent 13 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		62	50	10	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	hairline to 1/16" wide map cracking on the right end of the cap	3	2	2 Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairline cracking on the bottom face between the columns	2	10	Feet
General Comments					

Bent 13**Pile 1****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	abrasion and wear at the water line	2			Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: SURFACE ABRASION WITH COARSE AGGREGATE EXPOSED	2	1		Each
205	Cracking (RC and Other)	VERTICAL CRACKING UP TO .03" OPEN, 12' HIGH ON WEST FACE.	2			Each
205	Cracking (RC and Other)	VERTICAL CRACKING UP TO .03" OPEN, 15' HIGH ON SOUTH AND EAST FACES.	2			Each

General Comments

Bent 13**Pile 2****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	abrasion and wear at the water line	2			Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: SURFACE ABRASION WITH COARSE AGGREGATE EXPOSED.	2			Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: (3) H/L TO 1/16" CRACKS, SPALLED OUT TO 1/8" WIDE. LOCATED ON THE EAST, SOUTH AND NORTH QUADRANTS.	2	1		Each
205	Cracking (RC and Other)	VERTICAL CRACKING UP TO .03" OPEN, 15' HIGH ON SOUTH AND WEST FACES.	2			Each

General Comments

Bent 14**Footing****Reinforced Concrete Footing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinforced Concrete Pile Cap/Footing	44	0	36	8	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
220	Abrasion/Wear (PSC/RC)	U/W INSPECTION: FOOTING HAS COARSE AGG EXPOSED WITH RANDOM SPALLS AND HONEYCOMBED AREAS THROUGHOUT.	3	3	35	Feet
220	Cracking (RC and Other)	cracking up to (1/4") wide below the water line	3	1	15	Feet
220	Cracking (RC and Other)	hairline to 1/16" wide map cracking on the top and sides, full length some with efflo.	3	1	30	Feet
220	Cracking (RC and Other)	U/W INSPECTION: H/L CRACKS IN TIDAL ZONE.	3	3	9	Feet
220	Abrasion/Wear (PSC/RC)	abrasion and wear at the water line	2	33		Feet
220	Cracking (RC and Other)	MAP CRACKING WITH EFFLORESCENCE ON WEST FACE.	2	1		Feet
220	Cracking (RC and Other)	VERTICAL MAP CRACKING WITH EFFLORESCENCE ON EAST FACE.	2	1		Feet

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General Comments

Footing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	44	0	0	44	0 Feet

General Comments

Footing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	90	0	90	0	0 Feet

General Comments

Bent 16 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	77	0	0	77	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	cracking up to (1/8") wide on the top face at the southwest corner	3	10	30 Feet
234	Cracking (RC and Other)	MAP CRACKING UP TO 1/16" OPEN FROM LEFT END TO 12' IN ON TOP FACE.	3	30	30 Feet
234	Efflorescence/Rust Staining	efflorescence build-up on all faces for the full height and length	3	37	77 Feet
General Comments					

Bent 16 Pile 1**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO SCATTERED THROUGHOUT 25% OF ALL FACES	3	1	5,000 Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON EAST FACE.	3		500 Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON NORTH FACE.	3		500 Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON WEST FACE.	3		500 Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SCATTERED THROUGHOUT ~10% OF ALL FACES	3		650 Each
General Comments					

Bent 16 Pile 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO SCATTERED THROUGHOUT 25% OF ALL FACES	3	1	5,000 Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SCATTERED THROUGHOUT ~10% OF ALL FACES	3		500 Each
General Comments					

Bent 17 Footing**Reinforced Concrete Footing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	90	0	90	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: **640013**Inspection Date: **12/20/2021**

220	Damage	(4) TIMBER SHEETING BUFFER BOARDS ARE DECAYED WITH SECTION MISSING ON NORTH FACE. OTHER BOARDS HAVE SURFACE DECAY UP TO 1-1/2" DEEP.	3		34	Feet
220	Damage	(5) TIMBER SHEETING BUFFER BOARDS ARE DECAYED/BROKEN ON NORTHWEST SIDE WITH SECTION MISSING.	3		20	Feet
220	Damage	broken and decayed timber at the bottom of the northwest corner (similar throughout)	3		20	Feet
220	Damage	sheet piling has corrosion and scale at the wave line for the full length, corrosion has section loss up to 100% at various locations	3		50	Feet
220	Damage	TIMBER BUFFER WHALERS ARE DECAYED UP TO 2' DEEP ON ENDS AT SOUTH SIDE.	3		4	Feet
220	Damage	TIMBER SHEETING BOARDS ARE MISALIGNED WITH 1' BOW, OUT INTO CHANNEL ON WEST FACE.	3		20	Feet
220	Damage	TIMBER SHEETING BUFFER BOARD IS BROKEN AND MISSING NEAR CENTERLINE ON WEST FACE.	3		5	Feet
220	Damage	TIMBER SHEETING BUFFER BOARDS ARE DECAYED UP TO 2" DEEP 5' HIGH IN TIDAL ZONE ON WEST FACE.	3		40	Feet
220	Cracking (RC and Other)	HL TO 1/32" CRACKING SCATTERED THROUGHOUT ALL FACES ABOVE WATERLINE	2			Feet
220	Damage	UNDERWATER INSPECTION: SEE ADDITIONAL NOTES	2	90	90	Feet

General Comments**Bent 17 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	77	1	24	52	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	1/2"W HORIZONTAL CRACK ALONG TOP EDGE OF WEST FACE AT SOUTH END - VISIBLE FROM TRUSS PANEL 2 BEARING	3	15	15 Feet
234	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON EAST FACE.	3	1	500 Feet
234	Delamination/Spall	delam and spall with exposed rebar on the bottom face of the west arch (24" x 36" x 1 1/2")	3	6	6 Feet
234	Efflorescence/Rust Staining	efflorescence build-up on all faces for the full height and width.	3	30	5,000 Feet
234	Cracking (RC and Other)	UNDERWATER INSPECTION: RANDOM HAIRLINE TO 1/16" WIDE MAP CRACKS ON TOP OF CAPS AROUND BEARING PEDESTALS. CONFIRMED 2020 TOPSIDE INSPECTION.	2	24	Feet

General Comments**Bent 17 Pile 1****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO SCATTERED THROUGHOUT 25% OF ALL FACES	3		5,000 Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON NORTH FACE.	3	1	500 Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SCATTERED THROUGHOUT ~10% OF ALL FACES	3		650 Each

Structure Number: **640013**Inspection Date: **12/20/2021**

205	Cracking (RC and Other)	UNDERWATER INSPECTION: OVER 40% OF NORTH FACE HAS RANDOM CRACKING WITH EFFLO SEEPAGE. SOUTH FACE HAS HORIZONTAL CRACKING WITH EFFLO SEEPAGE.	2	Each
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General Comments**Bent 17 Pile 2****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO SCATTERED THROUGHOUT 25% OF ALL FACES	3	1	5,000 Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON SOUTH FACE.	3		500 Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SCATTERED THROUGHOUT ~10% OF ALL FACES	3		650 Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: SOUTH FACE HAS 40% OF RANDOM CRACKING AND EFFLO SEEPAGE. NORTH FACE HAS HORIZONTAL CRACKING WITH EFFLO SEEPAGE	2		Each

General Comments**Bent 19 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	61	45	16	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	map cracking up to (1/64") wide at several locations: bottom face of the cap, west face under girder 4, west face under girder 6, right end of the cap, east face under girder 5.	2	16	Feet

General Comments**Bent 19 Pile 2****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	cracking up to (1/32") wide throughout	2	1	Each

General Comments

Bent 20 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	67	37	30	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking on the bottom face between the columns up to (1/64") wide.	2	30		Feet

General Comments

Bent 21 Cap 2**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	37	35	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	RIGHT SIDE OF COLUMN 3, BOTTOM OF CAP, SPALLING WITH EXPOSED REBAR [1' LONG X 6" WIDE X 2" DEEP] WITH LAYERED RUST ON THE REBAR	3	1	1	Feet
234	Efflorescence/Rust Staining	efflorescence build-up on the west face under girder 8	3	1	2	Feet

General Comments

Bent 21 Pile 4**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	hairline to 1/16" wide vertical cracking up to 20 ft. high	3	1	20	Each

General Comments

Bent 22 Pile 1**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	efflorescence build-up TOP FACE	3	1	1	Each

General Comments

Bent 22 Pile 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	efflorescence build-up with vertical cracking up to 0.03" wide	3	1	10	Each

General Comments

Bent 23 Cap 1**Steel Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	105	103	2	0	0	Feet
515	Steel Protective Coating	2,360	2,358	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	Corrosion	[NEW REPAIR - CLEANED AND PAINTED] FORMERLY --> PRIORITY MAINTENANCE - active corrosion and pack rust on the bearing's roller pin (top of column 1) for the full pin length on both side. THERE IS SURFACE CORROSION INITIATING IN SCATTERED AREAS.	2	2		Feet
231	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and repainted. 2018 report had PRIORITY MAINTENANCE - active corrosion and section loss on the right cap bearing (top of column 2) on the north face (18" x 1 1/2" x 1/4" deep) loss. (PM)	1			Feet
231	Corrosion	REPAIR observed in 2020 insp: steel cap has been cleaned and repainted, photo taken on the east side	1			Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	2	2	Square Feet

General Comments

Bent 23 Pile 1**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	SCATTERED THROUGHOUT THE COLUMN, VERTICAL & MAP CRACKING TO 1/4" WIDE. THIS CRACKING CROSSES THE TOP OF THE COLUMN UNDER THE BEARING AREA.	3		60	Each
205	Efflorescence/Rust Staining	efflorescence build-up on the west face	3	1	8	Each
205	Efflorescence/Rust Staining	surface efflorescence for 30 square feet	2			Each

General Comments

Bent 23**Pile 2****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at ground: cracking up to (1/16") wide for the full column height	3		20	Each
205	Cracking (RC and Other)	cracking up to (1/4") on the top face on the right side of the bent cap bearing, cracking up to (1/2") wide on the left side	3	1	5	Each

General Comments

Bent 24**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	43	24	19	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	hairline cracking on both faces of the cap, some with efflo.	2	15		Feet
234	Efflorescence/Rust Staining	surface efflorescence under girder 6	2	4		Feet

General Comments

Bent 24**Pile 1****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	surface efflorescence and cracking up to (1/64") wide for 8 square feet	2	1		Each

General Comments

Bent 24**Cap 2****Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	44	41	3	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence on the east face under bays 9 and 10	2	3		Feet

General Comments

Bent 24 Pile 3**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at the ground: cracking up to (1/32") wide and surface efflorescence for 15 square feet	2	1		Each
205	Efflorescence/Rust Staining	cracking up to (1/64") wide with surface efflorescence at the top near the cap	2			Each
General Comments						

Bent 24 Pile 4**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at the ground: 1/32" wide vertical cracking up to 8 ft. high on the south and north faces	2	1		Each
General Comments						

Bent 25 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	43	36	7	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	spall with no exposed steel on the top face in bay 6 (5" x 2 1/2" x 1")	2	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence on the east face under girder 2	2	1		Feet
234	Efflorescence/Rust Staining	surface efflorescence on the east face under girder 5	2	1		Feet
234	Efflorescence/Rust Staining	surface efflorescence on the west face under bays 4 and 5	2	4		Feet
General Comments						

Bent 25 Cap 2**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	54	46	5	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	area of delam (30" x 20") and cracking up to (1/16") wide on the west face left of column 3	3	3	3	Feet
234	Cracking (RC and Other)	cracking on the bottom and east faces under girder 8 up to (1/32") wide	2	2		Feet
234	Cracking (RC and Other)	cracking on the east face under girder 10 up to (1/32") wide	2	1		Feet

234 Delamination/Spall area of delamination on the west face of the cap under girder 8, 20" long x 15" high with hairline map cracking. 2 2 2 Feet

General Comments

Bent 26 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	43	42	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	(2 1/4" x 1 1/4" x 2" deep) spall on the east face under girder 6 near top edge	2	1	1 Feet

General Comments

Bent 27 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	45	41	4	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Efflorescence/Rust Staining	surface efflorescence on the west face under girders 2 and 4	2	4	Feet

General Comments

Bent 29 Pile 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Efflorescence/Rust Staining	efflorescence build-up at 2ft below the cap	3	1	2 Each

General Comments

Bent 29 Pile 3

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	EAST FACE AT THE TOP, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 1' LONG X 6" HIGH X UP TO 2" DEEP]; NO MEASURABLE SECTION LOSS	3	1	1 Each

General Comments

Bent 30**Pile 2****Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Abrasion/Wear (PSC/RC)	abrasion and wear at the bottom of the column for its full circumference with coarse aggregate still in place	2	1	Each

General Comments

Bent 31**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	29	28	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	spall with no exposed rebar on the bottom face between the columns (10" x 3" x 1/4")	3	1	1 Feet

General Comments

Bent 32**Abutment****Reinforced Concrete Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
215	Reinforced Concrete Abutment	53	0	53	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
215	Efflorescence/Rust Staining	area of hairline map cracking on the left side of ramp bridge abutment, 10 ft. long with efflo.	2	10	Feet
215	Efflorescence/Rust Staining	cracking less than (1/64") wide and surface efflorescence throughout	2	39	Feet
215	Efflorescence/Rust Staining	surface efflorescence on the left wing	2		Feet
215	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar behind girder 1 (18" x 16" x 4")	2	2	Feet
215	Patched Area	[NEW REPAIR-PATCHING] FORMERLY --> spall with no exposed rebar behind girder 5 (16" x 6" x 2")	2	2	Feet

General Comments

Bent 32**Ramp End Bent Cap****Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	31	0	25	6	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	horizontal cracking on the west face under girder 1 up to (1/2") wide for 5.5ft long (surface efflorescence present)	3	6	6 Feet
234	Cracking (RC and Other)	cracking up to (1/32") wide with surface efflorescence throughout the cap	2	25	Feet

General Comments

Structure Number: **640013**

Inspection Date: **12/20/2021**

Element Condition and Maintenance Data

Structure Number: **640013**Inspection Date: 12/20/2021

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
General Comments						

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4303
Span 1	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	70
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	70
Span 1	Median Rail	Steel Rail	Metal Bridge Railing	70
Span 1	Joint at Abutment 1	Compression Seal	Compression Joint Seal	54
Span 1	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3778
Span 1	Beam 1 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 2 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 3 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 4 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 5 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 5 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 6 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 6 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 7 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 7 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 8 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 8 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 9 Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Beam 9 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 2	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68

Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 2	Joint at Bent 1	Compression Seal	Compression Joint Seal	54
Span 2	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 2	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 3	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 3	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 3	Joint at Bent 2	Compression Seal	Compression Joint Seal	54
Span 3	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 3	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 3	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 4	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 4	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 4	Joint at Bent 3	Compression Seal	Compression Joint Seal	54
Span 4	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 4	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 5	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68

Elements Verified

Location	Name	Component	Element Name	Amount
Span 5	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 5	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 5	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 5	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 5	Joint at Bent 4	Compression Seal	Compression Joint Seal	54
Span 5	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 5	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 6	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 6	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 6	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 6	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 6	Joint at Bent 5	Compression Seal	Compression Joint Seal	54
Span 6	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672

Elements Verified

Location	Name	Component	Element Name	Amount
Span 6	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3721
Span 7	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 7	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	61
Span 7	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	61
Span 7	Median Rail	Steel Rail	Metal Bridge Railing	61
Span 7	Joint at Bent 6	Compression Seal	Compression Joint Seal	54
Span 7	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3267
Span 7	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 7	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 7	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 7	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 8	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 8	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 8	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 8	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 8	Joint at Bent 7	Compression Seal	Compression Joint Seal	54
Span 8	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 8	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 8	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 8	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3721
Span 9	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60

Elements Verified

Location	Name	Component	Element Name	Amount
Span 9	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 9	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	61
Span 9	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	61
Span 9	Median Rail	Steel Rail	Metal Bridge Railing	61
Span 9	Joint at Bent 8	Compression Seal	Compression Joint Seal	54
Span 9	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3267
Span 9	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 9	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 9	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 10	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 10	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 10	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 10	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 10	Joint at Bent 9	Compression Seal	Compression Joint Seal	54
Span 10	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 10	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 10	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 10	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 10	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4182
Span 11	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 11	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 11	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 11	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 11	Joint at Bent 10	Compression Seal	Compression Joint Seal	54
Span 11	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3672
Span 11	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 11	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 11	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 11	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 12	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	6089
Span 12	Beam 1	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 2	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 3	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 4	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 5	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 6	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 7	Plate Girder	Steel Open Girder/Beam	97
Span 12	Beam 8	Plate Girder	Steel Open Girder/Beam	97
Span 12	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	99
Span 12	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	99
Span 12	Median Rail	Steel Rail	Metal Bridge Railing	99
Span 12	Joint at Bent 11	Compression Seal	Compression Joint Seal	54
Span 12	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	5346
Span 12	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 12	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 12	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7626
Span 13	Beam 1	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 2	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 3	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 4	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 5	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 6	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 7	Plate Girder	Steel Open Girder/Beam	369
Span 13	Beam 8	Plate Girder	Steel Open Girder/Beam	369
Span 13	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	124
Span 13	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	124
Span 13	Median Rail	Steel Rail	Metal Bridge Railing	124

Elements Verified

Location	Name	Component	Element Name	Amount
Span 13	Joint at Bent 12	Compression Seal	Compression Joint Seal	54
Span 13	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6696
Span 13	Beam 1 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 1 Intermediate Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 1 Intermediate Bearing 2	Rocker Bearing	Movable Bearing	1
Span 13	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 2 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 2 Intermediate Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 2 Intermediate Bearing 2	Rocker Bearing	Movable Bearing	1
Span 13	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 3 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 3 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 4 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 4 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 4 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 5 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 5 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 5 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 6 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 6 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 6 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 7 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 7 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 7 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 8 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 13	Beam 8 Intermediate Bearing 1	Rocker Bearing	Movable Bearing	1
Span 13	Beam 8 Intermediate Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 13	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 14	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7565
Span 14	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	123
Span 14	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	123
Span 14	Median Rail	Steel Rail	Metal Bridge Railing	123

Elements Verified

Location	Name	Component	Element Name	Amount
Span 14	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6642
Span 15	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7626
Span 15	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	124
Span 15	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	124
Span 15	Median Rail	Steel Rail	Metal Bridge Railing	124
Span 15	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6696
Span 16	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8441
Span 16	Beam 1	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 2	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 3	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 4	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 5	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 6	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 7	Plate Girder	Steel Open Girder/Beam	134
Span 16	Beam 8	Plate Girder	Steel Open Girder/Beam	134
Span 16	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	138
Span 16	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	138
Span 16	Median Rail	Steel Rail	Metal Bridge Railing	138
Span 16	Joint at Bent 15	Finger Joint	Assembly Joint without Seal	54
Span 16	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7412
Span 16	Beam 1 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 2 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 3 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 4 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 5 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 5 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 6 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 6 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 7 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 7 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 16	Beam 8 Far Bearing	Rocker Bearing	Movable Bearing	1
Span 16	Beam 8 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 17	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1892
Span 17	Left Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 17	Right Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 17	Median Rail	Steel Rail	Metal Bridge Railing	31
Span 17	Joint at Bent 16	Compression Seal	Compression Joint Seal	54
Span 17	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1660
Span 17	Floor Beam 1	W Type Steel Floor Beam	Steel Floor Beam	62
Span 17	Floor Beam 2	W Type Steel Floor Beam	Steel Floor Beam	62
Span 17	Stringer 1	W Beam Stringer	Steel Stringer	26

Elements Verified

Location	Name	Component	Element Name	Amount
Span 17	Stringer 2	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 3	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 4	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 5	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 6	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 7	W Beam Stringer	Steel Stringer	26
Span 17	Stringer 8	W Beam Stringer	Steel Stringer	26
Span 17	WEST TOWER NORTH	Steel Truss Panel	Steel Truss	31
Span 17	WEST TOWER SOUTH	Steel Truss Panel	Steel Truss	31
Span 18	Deck	Steel Deck with Open Grid	Steel Deck with Open Grid	24480
Span 18	Left Bridge Rail	Steel Rail	Metal Bridge Railing	413
Span 18	Right Bridge Rail	Steel Rail	Metal Bridge Railing	413
Span 18	Median Rail	Steel Rail	Metal Bridge Railing	413
Span 18	Joint at the West Tower	Finger Joint	Assembly Joint without Seal	54
Span 18	Floor Beam 0	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 1	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 2	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 3	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 4	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 5	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 6	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 7	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 8	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 9	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 10	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 11	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Floor Beam 12	W Type Steel Floor Beam	Steel Floor Beam	62
Span 18	Stringer 1	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 2	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 3	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 4	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 5	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 6	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 7	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 8	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 9	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 10	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 11	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 12	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 13	W Beam Stringer	Steel Stringer	420
Span 18	Stringer 14	W Beam Stringer	Steel Stringer	420
Span 18	U0 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U0 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L0 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L0 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1

Elements Verified

[illegible]

Elements Verified

Location	Name	Component	Element Name	Amount
Span 18	U12 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L12 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L12 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L12U12 NORTH	Steel Truss Vertical	Primary Steel Truss Member	33
Span 18	L12U12 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	33
Span 18	L1L2 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L1L2 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L1U1 NORTH	Steel Truss Vertical	Primary Steel Truss Member	38
Span 18	L1U1 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	38
Span 18	L11L12 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L11L12 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L11U11 NORTH	Steel Truss Vertical	Primary Steel Truss Member	38
Span 18	L11U11 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	38
Span 18	L10L11 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L10L11 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L10U10 NORTH	Steel Truss Vertical	Primary Steel Truss Member	41
Span 18	L10U10 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	41
Span 18	L10U11 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	L10U11 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	L0L1 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L0L1 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L0U0 NORTH	Steel Truss Vertical	Primary Steel Truss Member	33
Span 18	L0U0 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	33
Span 18	L0U1 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	L0U1 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	L6L7 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L6L7 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L6U6 NORTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	L6U6 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	L6U7 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	L6U7 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	L5L6 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L5L6 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L5U5 NORTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	L5U5 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	L3L4 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L3L4 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L3U3 NORTH	Steel Truss Vertical	Primary Steel Truss Member	45
Span 18	L3U3 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	45
Span 18	L4L5 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L4L5 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L4U4 NORTH	Steel Truss Vertical	Primary Steel Truss Member	46
Span 18	L4U4 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	46
Span 18	L4U5 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	L4U5 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	59

Elements Verified

Location	Name	Component	Element Name	Amount
Span 18	L2L3 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L2L3 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L2U2 NORTH	Steel Truss Vertical	Primary Steel Truss Member	41
Span 18	L2U2 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	41
Span 18	L2U3 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	L2U3 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	U1L2 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	U1L2 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	U1U2 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U1U2 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U2U3 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U2U3 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U4U5 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U4U5 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U3L4 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	U3L4 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	U3U4 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U3U4 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U11L12 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	U11L12 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	51
Span 18	U11U12 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U11U12 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U10U11 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U10U11 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U0U1 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U0U1 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	L9L10 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L9L10 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L9U9 NORTH	Steel Truss Vertical	Primary Steel Truss Member	45
Span 18	L9U9 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	45
Span 18	L8L9 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L8L9 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L8U8 NORTH	Steel Truss Vertical	Primary Steel Truss Member	46
Span 18	L8U8 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	46
Span 18	L8U9 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	L8U9 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	L7L8 NORTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L7L8 SOUTH	Steel Truss Bottom Chord	Primary Steel Truss Member	34
Span 18	L7U7 NORTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	L7U7 SOUTH	Steel Truss Vertical	Primary Steel Truss Member	48
Span 18	U9L10 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	U9L10 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	56
Span 18	U9U10 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U9U10 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U8U9 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35

Elements Verified

Location	Name	Component	Element Name	Amount
Span 18	U8U9 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U7L8 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	U7L8 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	U7U8 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U7U8 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U6U7 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U6U7 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U5L6 NORTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	U5L6 SOUTH	Steel Truss Diagonal	Primary Steel Truss Member	59
Span 18	U5U6 NORTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	U5U6 SOUTH	Steel Truss Top Chord	Primary Steel Truss Member	35
Span 18	LB0	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB1	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB10	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB11	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB12	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB2	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB3	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB4	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB5	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB6	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB7	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB8	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 18	LB9	Steel Truss Portal/Cross Bracing Assembly	Secondary Steel Truss Member	92
Span 19	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1892
Span 19	Left Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 19	Right Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 19	Median Rail	Steel Rail	Metal Bridge Railing	31
Span 19	Joint at the East Tower	Finger Joint	Assembly Joint without Seal	54
Span 19	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1660
Span 19	Floor Beam 1	W Type Steel Floor Beam	Steel Floor Beam	62
Span 19	Floor Beam 2	W Type Steel Floor Beam	Steel Floor Beam	62
Span 19	Stringer 1	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 2	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 3	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 4	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 5	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 6	W Beam Stringer	Steel Stringer	26
Span 19	Stringer 7	W Beam Stringer	Steel Stringer	26

Elements Verified

Location	Name	Component	Element Name	Amount
Span 19	Stringer 8	W Beam Stringer	Steel Stringer	26
Span 19	EAST TOWER NORTH	Steel Truss Panel	Steel Truss	31
Span 19	EAST TOWER SOUTH	Steel Truss Panel	Steel Truss	31
Span 20	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8441
Span 20	Beam 1	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 2	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 3	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 4	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 5	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 6	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 7	Plate Girder	Steel Open Girder/Beam	134
Span 20	Beam 8	Plate Girder	Steel Open Girder/Beam	134
Span 20	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	138
Span 20	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	138
Span 20	Median Rail	Steel Rail	Metal Bridge Railing	138
Span 20	Joint at Bent 17	Compression Seal	Compression Joint Seal	54
Span 20	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7412
Span 20	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 20	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 20	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8364
Span 21	Beam 1	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 2	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 3	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 4	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 5	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 6	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 7	Plate Girder	Steel Open Girder/Beam	134
Span 21	Beam 8	Plate Girder	Steel Open Girder/Beam	134
Span 21	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 21	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 21	Median Rail	Steel Rail	Metal Bridge Railing	136

Elements Verified

Location	Name	Component	Element Name	Amount
Span 21	Joint at Bent 18	Compression Seal	Compression Joint Seal	54
Span 21	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7344
Span 21	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 21	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 21	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8364
Span 22	Beam 1	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 2	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 3	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 4	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 5	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 6	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 7	Plate Girder	Steel Open Girder/Beam	134
Span 22	Beam 8	Plate Girder	Steel Open Girder/Beam	134
Span 22	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 22	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 22	Median Rail	Steel Rail	Metal Bridge Railing	136
Span 22	Joint at Bent 19	Compression Seal	Compression Joint Seal	54
Span 22	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7344
Span 22	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 22	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 22	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 22	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8364
Span 23	Beam 1	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 2	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 3	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 4	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 5	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 6	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 7	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 8	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 9	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 10	Plate Girder	Steel Open Girder/Beam	134
Span 23	Beam 11	Plate Girder	Steel Open Girder/Beam	134
Span 23	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 23	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	136
Span 23	Median Rail	Steel Rail	Metal Bridge Railing	136
Span 23	Joint at Bent 20	Compression Seal	Compression Joint Seal	54
Span 23	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7344
Span 23	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 23	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 23	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	6969
Span 24	Beam 1	Plate Girder	Steel Open Girder/Beam	57
Span 24	Beam 2	Plate Girder	Steel Open Girder/Beam	61

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Location	Name	Component	Element Name	Amount
Span 24	Beam 3	Plate Girder	Steel Open Girder/Beam	66
Span 24	Beam 4	Plate Girder	Steel Open Girder/Beam	70
Span 24	Beam 5	Plate Girder	Steel Open Girder/Beam	75
Span 24	Beam 6	Plate Girder	Steel Open Girder/Beam	79
Span 24	Beam 7	Plate Girder	Steel Open Girder/Beam	81
Span 24	Beam 8	Plate Girder	Steel Open Girder/Beam	85
Span 24	Beam 9	Plate Girder	Steel Open Girder/Beam	90
Span 24	Beam 10	Plate Girder	Steel Open Girder/Beam	94
Span 24	Beam 11	Plate Girder	Steel Open Girder/Beam	98
Span 24	Beam 12	Plate Girder	Steel Open Girder/Beam	102
Span 24	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	82
Span 24	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	82
Span 24	Median Rail	Steel Rail	Metal Bridge Railing	82
Span 24	Joint at Bent 21	Compression Seal	Compression Joint Seal	78
Span 24	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6357
Span 24	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 24	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 24	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7182
Span 25	Beam 1	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 2	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 3	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 4	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 5	Plate Girder	Steel Open Girder/Beam	82

Elements Verified

Location	Name	Component	Element Name	Amount
Span 25	Beam 6	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 7	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 8	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 9	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 10	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 11	Plate Girder	Steel Open Girder/Beam	82
Span 25	Beam 12	Plate Girder	Steel Open Girder/Beam	82
Span 25	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	84
Span 25	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	84
Span 25	Median Rail	Steel Rail	Metal Bridge Railing	84
Span 25	Joint at Bent 22	Compression Seal	Compression Joint Seal	78
Span 25	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6552
Span 25	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 25	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 25	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7182
Span 26	Beam 1	Plate Girder	Steel Open Girder/Beam	105
Span 26	Beam 2	Plate Girder	Steel Open Girder/Beam	101
Span 26	Beam 3	Plate Girder	Steel Open Girder/Beam	96
Span 26	Beam 4	Plate Girder	Steel Open Girder/Beam	92
Span 26	Beam 5	Plate Girder	Steel Open Girder/Beam	87
Span 26	Beam 6	Plate Girder	Steel Open Girder/Beam	83
Span 26	Beam 7	Plate Girder	Steel Open Girder/Beam	81
Span 26	Beam 8	Plate Girder	Steel Open Girder/Beam	77

Elements Verified

Location	Name	Component	Element Name	Amount
Span 26	Beam 9	Plate Girder	Steel Open Girder/Beam	72
Span 26	Beam 10	Plate Girder	Steel Open Girder/Beam	68
Span 26	Beam 11	Plate Girder	Steel Open Girder/Beam	64
Span 26	Beam 12	Plate Girder	Steel Open Girder/Beam	60
Span 26	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	84
Span 26	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	84
Span 26	Median Rail	Steel Rail	Metal Bridge Railing	84
Span 26	Joint at Bent 23	Compression Seal	Compression Joint Seal	78
Span 26	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7182
Span 26	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 26	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 26	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 27	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5814
Span 27	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68

Elements Verified

Location	Name	Component	Element Name	Amount
Span 27	Beam 12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 13	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 14	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Beam 15	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 27	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 27	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 27	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 27	Joint at Bent 24	Compression Seal	Compression Joint Seal	78
Span 27	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	5304
Span 27	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 10 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 11 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 12 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 13 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 13 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 14 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 14 Near Bearing	Movable Bearing	Movable Bearing	1
Span 27	Beam 15 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 27	Beam 15 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	6643
Span 28	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68

Elements Verified

Location	Name	Component	Element Name	Amount
Span 28	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 13	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 14	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 15	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 16	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Beam 17	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68
Span 28	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 28	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	68
Span 28	Median Rail	Steel Rail	Metal Bridge Railing	68
Span 28	Joint at Bent 25	Compression Seal	Compression Joint Seal	90
Span 28	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	6120
Span 28	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 10 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 11 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 12 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 13 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 13 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 14 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 14 Near Bearing	Movable Bearing	Movable Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 28	Beam 15 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 15 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 16 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 16 Near Bearing	Movable Bearing	Movable Bearing	1
Span 28	Beam 17 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 28	Beam 17 Near Bearing	Movable Bearing	Movable Bearing	1
Span 29	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	6427
Span 29	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Beam 12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 29	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	78
Span 29	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	78
Span 29	Median Rail	Steel Rail	Metal Bridge Railing	78
Span 29	Joint at Bent 26	Compression Seal	Compression Joint Seal	132
Span 29	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	10230
Span 29	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 29	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 29	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 29	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5722
Span 30	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	77
Span 30	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	78
Span 30	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	78
Span 30	Median Rail	Steel Rail	Metal Bridge Railing	78
Span 30	Joint at Bent 27	Compression Seal	Compression Joint Seal	70
Span 30	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	5425
Span 30	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 30	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 30	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	7014
Span 31	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95

Elements Verified

Location	Name	Component	Element Name	Amount
Span 31	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Beam 12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	95
Span 31	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	95
Span 31	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	95
Span 31	Median Rail	Steel Rail	Metal Bridge Railing	95
Span 31	Joint at Bent 28	Compression Seal	Compression Joint Seal	76
Span 31	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	7220
Span 31	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 2 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 3 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 4 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 5 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 6 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 7 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 8 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 9 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 10 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 11 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 31	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 31	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 32	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3131
Span 32	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41

Elements Verified

Location	Name	Component	Element Name	Amount
Span 32	Beam 6	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 7	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 8	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 9	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 10	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 11	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Beam 12	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	41
Span 32	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 32	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 32	Median Rail	Steel Rail	Metal Bridge Railing	43
Span 32	Joint at Abutment 2	Compression Seal	Compression Joint Seal	76
Span 32	Joint at Bent 29	Compression Seal	Compression Joint Seal	76
Span 32	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	3130
Span 32	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 1 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 32	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 10 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 11 Near Bearing	Movable Bearing	Movable Bearing	1
Span 32	Beam 12 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 32	Beam 12 Near Bearing	Rocker Bearing	Movable Bearing	1
Span 33	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1770
Span 33	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 33	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 33	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 33	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 33	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 33	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 33	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60

Elements Verified

Location	Name	Component	Element Name	Amount
Span 33	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1440
Span 33	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 33	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 33	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 33	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 33	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 33	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 33	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 33	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 33	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 33	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 34	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1770
Span 34	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 34	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 34	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 34	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 34	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 34	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 34	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 34	Joint at Bent 30	Compression Seal	Compression Joint Seal	24
Span 34	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1440
Span 34	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 34	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 34	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 34	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 34	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 34	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 34	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 34	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 34	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 34	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 35	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1828
Span 35	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 35	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 35	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 35	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 35	Beam 5	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	60
Span 35	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	62
Span 35	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	62
Span 35	Joint at Bent 31	Compression Seal	Compression Joint Seal	24
Span 35	Joint at Ramp Abutment	Compression Seal	Compression Joint Seal	24
Span 35	Epoxy Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1487
Span 35	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 35	Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 35	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 35	Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 35	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 35	Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 35	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 35	Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 35	Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 35	Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	70
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	87
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	120
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 4	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 5	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 6	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 6	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 6	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 7	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
Bent 7	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 7	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 8	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
Bent 8	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 8	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 9	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 9	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 9	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 10	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 10	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 10	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 11	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 11	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 11	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 12	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	62

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 12	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 12	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 13	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	62
Bent 13	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 13	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 14	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	62
Bent 14	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 14	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 14	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	44
Bent 15	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	62
Bent 15	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 15	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 15	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	44
Bent 16	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	77
Bent 16	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 16	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 16	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	90
Bent 17	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	77
Bent 17	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 17	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 17	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	90
Bent 18	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 18	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 18	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 19	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 19	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 19	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 20	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	67
Bent 20	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 20	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 21	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	43
Bent 21	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	37
Bent 21	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 21	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 21	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 21	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 22	Cap 1	Steel Pier Cap	Steel Pier Cap	105
Bent 22	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 22	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 23	Cap 1	Steel Pier Cap	Steel Pier Cap	105
Bent 23	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 23	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 24	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	43
Bent 24	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	44
Bent 24	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 24	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 24	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 24	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 25	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	43
Bent 25	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 25	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 25	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 25	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 25	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	43
Bent 26	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	44
Bent 26	Cap 3	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 26	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 26	Pile 6	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 27	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	45
Bent 27	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 27	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 27	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 27	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 27	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 28	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	49
Bent 28	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 28	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 28	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 28	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 28	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 29	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	49
Bent 29	Cap 2	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 29	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 29	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 29	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 29	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 30	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	29
Bent 30	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 30	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 31	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	29
Bent 31	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 31	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 32	Ramp End Bent Cap	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 32	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	53

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 640013

Inspection Date: 12/20/2021

National Bridge Inventory Items

Item	Grade Scale	Grade	Note: Items 58,59,60,62 reflect this inspection only. For overall NBI coding grade, see cover sheet.
Item 58: Deck	0 - 9 , N	6	
Item 59: Superstructure	0 - 9 , N	5	
Item 60: Substructure	0 - 9 , N	6	
Item 61: Channel and Channel Protection	0 - 9 , N	7	
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	8	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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	169040	3376
Drainage System	G, F, P, or C	F	169040	3332
Utilities	G, F, P, or C	F		
Slope Protection	G, F, P, or C	F	8	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		G		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C	F	472	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code				

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	164
Traffic Control Time	Hours	36
Snooper Time	Hours	33
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	Y
Boat Used	YES/NO	Y
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Y

National Bridge and NC SMU Inspection Item Details

Structure Number: 640013

Inspection Date: 12/20/2021

Item	Deck - Item 58	Grade	6	Maint Code		Qty.	0
Details	GRADING MAINTAINED						
Item	Superstructure - Item 59	Grade	5	Maint Code		Qty.	0
Details	GRADING MAINTAINED						
Item	Substructure - Item 60	Grade	6	Maint Code		Qty.	0
Details	GRADING MAINTAINED						
Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	169040
Details	RIGHT AND LEFT GUTTERLINES, DEBRIS ACCUMULATION ALONG THE LENGTHS						
Item	Drainage System	Grade	F	Maint Code	3332	Qty.	169040
Details	ALONG THE RIGHT & LEFT GUTTERLINES, THE DRAINAGE SYSTEM INLETS ARE IMPACTED WITH DEBRIS IN SCATTERED LOCATIONS.						
Item	Slope Protection	Grade	F	Maint Code	3352	Qty.	8
Details	AT ABUTMENT 2, RIGHT SIDE OF THE CONCRETE SLOPE PROTECTION ON THE SLOPE, TWO AREAS OF HORIZONTAL CRACKING TO 1/8" WIDE [APPROXIMATELY 8' TOTAL]						
Item	Fender System	Grade	F	Maint Code	3364	Qty.	472
Details	The timber fender system against the channel bents have multiple areas of decay and section loss. The steel sheet piling has up to 100% section loss at multiple locations and heavy corrosion at the wave impact zone.						
Item	Utilities	Grade	F	Maint Code		Qty.	0
Details	SPAN 18, BETWEEN FLOOR BEAMS 6 AND 7 THERE ARE 5 OF 9 UTILITY BRACKETS DISCONNECTED.. AT L2 SOUTH SIDE BROKEN CONDUIT.						
Item	General Comments and Misc Items	Grade		Maint Code		Qty.	0
Details	AT THE RAMP ABUTMENT SOUTHEAST CORNER GUARDRAIL, APPROXIMATELY 10' OUT FROM THE BRIDGE RAIL, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 20' LONG AFFECTED] AT THE RAMP ABUTMENT SOUTHEAST CORNER GUARDRAIL, APPROXIMATELY 30' OUT FROM THE GUARDRAIL END, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 18' LONG AFFECTED] AT THE RAMP ABUTMENT NORTHEAST CORNER GUARDRAIL, SCATTERED ALONG THE LENGTH AND CONCENTRATED NEAR THE MIDDLE, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 75' LONG AFFECTED] SOUTHEAST CORNER, THE GUARDRAIL HAS SCATTERED MINIMAL IMPACT DAMAGE ALONG THE LENGTH [APPROXIMATELY 80' LONG AFFECTED] [PROMPT ACTION REQUEST] AT THE ABUTMENT 2 APPROACH, THE MEDIAN RAIL HAS IMPACT DAMAGE WITH FIVE BROKEN POSTS NORTHEAST CORNER GUARDRAIL, IMPACT DAMAGE WITH POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 10' LONG] EAST TOWER: SOUTH SIDE, NORTHWEST CABLE BANK, (4) EYE BARS) LOSS OF SECTION .246" WITH 3.504" REMAINING ON BOTTOM 4" HIGH AT BEAM ENTRY. EAST TOWER: NORTH SIDE, NORTHWEST CABLE BANK, (4) EYE BARS) 1/8" PITTING REMAINING ON BOTTOM 4" HIGH AT BEAM ENTRY. [PROMPT ACTION REQUEST] EAST TOWER: EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES						

Structure Number: 640013

Inspection Date: 12/20/2021

HAVE LOSS OF SECTION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.

[PROMPT ACTION REQUEST] EAST TOWER: EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFENER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGE ALONG BOTTOM 4" HIGH.

[PROMPT ACTION REQUEST] EAST TOWER EASTBOUND LANE: 2ND STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.

[PROMPT ACTION REQUEST] EAST TOWER, EASTBOUND LANE: 3RD STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SETION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.

EAST TOWER: PITTING UP TO 1/4" ON BOLSTER BLOCK AT SOUTH CABLE BANKS.

EAST TOWER: PITTING UP TO 1/4" ON BOTTOM FLANGE OF LIFT ALONG SOUTH CABLE BANKS.

EAST TOWER: PITTING UP TO 1/4" ALONG DRAIN HOLES ON BOTTOM FLANGE OF MAIN LIFT BEAM BETWEEN CABLE BANKS.

EAST TOWER: DAMAGE 4' LONG ALONG BOTTOM OF BRIDGE TENDERS HOUSE ON EAST FACE.

EAST TOWER AT THE RIGHT LANES, THERE IS IMPACT DAMAGE TO THE CHAIN LINK FENCING AT THE STAIRWAY [APPROXIMATELY 24' LONG]

Item	Portion of structure in > 3' of water (Y or N)	Grade	Y	Maint Code	Qty.	0
Details ALL SPANS OVER THE CAPE FEAR RIVER						



Span 18 Lift Span Floor Beam 0: PITTED AREAS UP TO 3/8" DEEP SCATTERED ALONG BOTH SIDES OF BOTTOM FLANGE AND STIFFENERS- CLEANED AND PAINTED.



Span 18 Lift Span Stringer 12: (PAR) BETWEEN FB's 0-1 - CRACK EXTENDING 3" PAST ARRESTING HOLE IN COPING AT FB 0 CONNECTION



Span 18 Lift Span Stringer 14: BETWEEN FB's 0-1 - AREAS ALONG EDGES OF TOP FLANGE UP TO 8" LONG x 2" WIDE / 5/16" REMAINING - CLEANED AND PAINTED



Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 0-1 INTERMEDIATE DIAPHRAGM CONNECTOR PLATE CORROSION HOLE 5" X 1.5"



CENTER BOTTOM LATERAL GUSSET - SOUTH SIDE - UP TO 1/2" PACK RUST BETWEEN GUSSET AND BOTTOM FLANGE ON EAST AND WEST SIDES - 10"L x 4" AREA OF GUSSET AT BOTTOM FLANGE REDUCED TO 3/8" - 60% LOSS TO (2) FASTENERS.



PITTED AREA UP TO 2"W x 5/16"D ACROSS BOTTOM OF BOTTOM FLANGE AT L1 SOUTH LATERAL GUSSET CONNECTION



Span 18 Lift Span Floor Beam 2: BOTTOM LATERAL GUSSET AT L2 SOUTH - UP TO 1/2" PACK RUST BETWEEN GUSSET PLATE AND BOTTOM FLANGE.



Span 18 Lift Span Stringer 13: (PAR) BETWEEN FB's 2-3 - 1 1/4" LONG CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION ON SOUTH SIDE.



Span 18 Lift Span Floor Beam 3: 3/4" PACK RUST BETWEEN BOTTOM FLANGE AND CENTER BOTTOM LATERAL GUSSET - SOUTH SIDE



AT L2 SOUTH SIDE BROKEN CONDUIT.



Span 18 Lift Span Stringer 8: REPAIR OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 3-4 - 1/2" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION ON NORTH SIDE.



Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP.; AREA HAS BEEN PAINTED OVER, NO CHANGE, PROPAGATED CRACK STILL VISIBLE. PAR ISSUED. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACKS PROPAGATED UP TO 3/16" PAST EAST AND WEST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED



Span 18 Lift Span Stringer 11: BETWEEN FB's 4-5 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 4-5 THIRD DIAPHRAGM LOOSE BOLTS WITH MISSING HEADS ON CONNECTOR PLATE.



Span 18 Lift Span Floor Beam 5: 50-80% LOSS TO (5) CENTER BOTTOM LATERAL GUSSET FASTENERS AT BOTTOM FLANGE ON WEST SIDE



Span 18 Lift Span Stringer 10: REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT BETWEEN FB's 5-6 - 1-1/2" LONG CRACK IN DIAPHRAGM CONNECTION WELD AT BOTTOM ON NORTH SIDE.



Span 18 Lift Span Stringer 11: BETWEEN FB's 5-6 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION



Span 18 Lift Span Stringer 10: REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION



Span 18 Lift Span L5L6 SOUTH: IMPACT DAMAGE REPAIR TO CHORD AT L6



Span 18 Lift Span L5L6 SOUTH: IMPACT DAMAGE REPAIR TO CHORD AT L6



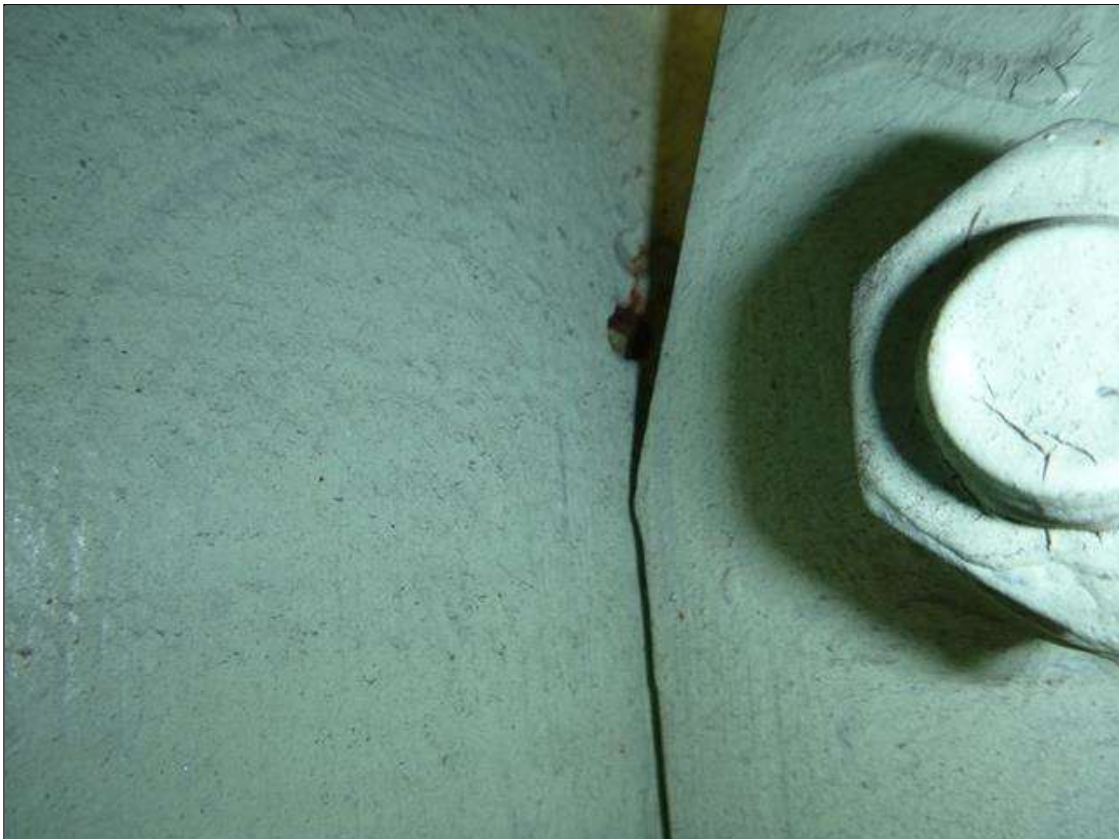
BETWEEN FLOOR BEAMS 6 AND 7 THERE ARE 5 OF 9 UTILITY BRACKETS DISCONNECTED..



Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP: CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER.
2018 REPORT HAD BETWEEN FB's 6-7 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF
DIAPHRAGM CONNECTION



Span 18 Lift Span Floor Beam 7: SPAN 18 CENTER BOTTOM LATERAL GUSSET AT FB 7: PITTED AREA ON TOP AT THE NORTHEAST CORNER, 7" X 7" X 1/4" DEEP, CLEANED AND PAINTED.



Span 18 Lift Span Stringer 8: BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 8: BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



Ramp End Bent Ramp End Bent Cap: horizontal cracking on the west face under girder 1 up to (1/2") wide for 5.5ft long (surface efflorescence present)



Ramp End Bent Abutment: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar behind girder 1 (18" x 16" x 4")



Ramp End Bent Abutment: [NEW REPAIR-PATCHING] FORMERLY --> spall with no exposed rebar behind girder 5 (16" x 6" x 2")



Ramp End Bent Abutment: area of hairline map cracking on the left side of ramp bridge abutment, 10 FOOT. long with EFFLORESCENCE.



Span 35 - Ramp Span Beam 1: [PROMPT ACTION REQUEST] APPROXIMATELY 18' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 5" DIAMETER X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS



Span 35 - Ramp Span Beam 1: APPROXIMATELY 14' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, DELAMINATION WITH ASSOCIATED CRACKING TO 1/8" WIDE [APPROXIMATELY 5"]



Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS



AT ABUTMENT 2, RIGHT SIDE OF THE CONCRETE SLOPE PROTECTION ON THE SLOPE, TWO AREAS OF HORIZONTAL CRACKING TO 1/8" WIDE [APPROXIMATELY 8' TOTAL]



Bent 31 - Ramp Bent Cap 1: spall with no exposed rebar on the bottom face between the columns (10" x 3" x 1/4")



Bent 29 Pile 1: efflorescence build-up at 2ft below the cap



Bent 29 Pile 3: EAST FACE AT THE TOP, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 1' LONG X 6" HIGH X UP TO 2" DEEP]; NO MEASURABLE SECTION LOSS



Bent 26 Cap 1: (2 1/4" x 1 1/4" x 2" deep) spall on the east face under girder 6 near top edge



Bent 25 Cap 2: area of delamination on the west face of the cap under girder 8, 20" long x 15" high with hairline map cracking.



Bent 25 Cap 2: area of DELAMINATION (30" x 20") and cracking up to (1/16") wide on the west face left of column 3



Span 27 Beam 15: [PROMPT ACTION REQUEST] (3" x 3" x 1/4") spall with exposed rebar on the bottom face at 21ft from bent 24



Span 27 Beam 14: [NEW REPAIR-PATCHING] FORMERLY --> (x13) DELAMINATION areas on the bottom face at 10f from bent 24 up to (10" x 2 1/2" x 1/4")



Span 27 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> (8" x 3" x 1/2") spall with exposed rebar on the bottom face at 21ft from bent 24



Span 27 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> (x4) DELAMINATION areas on the bottom face at mid span up to (6" x 6")



Span 27 Beam 6: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (32" x 22" x 3") and (1) exposed strand on the bottom and left faces at Bent 24, strand exposed for (20") long, active corrosion with no measureable section loss on strand



Span 27 Beam 6: [NEW REPAIR-PATCHING] FORMERLY --> (x23) spalls with exposed rebar on the bottom face up to (18" x 5" x 1/2")



Span 27 Beam 6: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 16ft from bent 25 (4" x 3" x 1/4")



Span 27 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 23ft from Bent 25 (7" x 5" x 1/2")



Span 27 Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 28ft from bent 24 (5" x 3" x 1/2")



Span 27 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (27" x 4" x 2 1/2") and (1) strand exposed on the bottom left flange at Bent 24, strand exposed for (16") long, active corrosion on strand with no measureable section loss



Span 27 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION area on the bottom face at 10ft from bent 24 (4" x 2")



Span 27 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")



Span 27 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x7) spalls with exposed rebar on the bottom face at mid span up to (7" x 4" x 1/2")



Span 28 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (7" x 3" x 1/2")



Span 28 Beam 2: sound patch on the bottom face, 10" x 10", at 1/3 point



Span 28 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 3ft from bent 26 up to (8" x 6" x 3/4")



Span 28 Beam 1: sound patch on the bottom face at 12.5ft from bent 26 (7" x 6")



Span 28 Beam 1: (x2) sound patches on the bottom face at mid span up to (8" x 7")



Span 28 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face near mid span up to (4" x 2 1/2" x 1/2")



Span 28 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x5) spalls with with exposed rebar on the bottom face a 18.5ft from bent 26 up to (6" x 6" x 1/2")



Span 28 Beam 3: REPAIR observed in 2020 insp: 15 sound patches up to 18" wide x 12" long. 2018 report had (x10) spalls with exposed rebar at mid span on the bottom face up to (14" x 6" x 1/2")



Span 28 Beam 3: [NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face near mid span up to (9" x 4" x 1/2")



Span 28 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at bent 25 up to (7" x 7" x 1/2")



Span 28 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face starting at 9ft from bent 25 up to (18" x 6" x 1/2")



Span 28 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (13" x 9" x 1") and (2) exposed strands on the bottom face at 22ft from Bent 25, strands exposed for up to (9.5") long, active corrosion with less than (1/16") section loss on the strands



Span 28 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face starting at 22.5ft from Bent 26 up to (6" x 4" x 1/2")



Span 28 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed steel on the bottom face at 24ft from bent 26 (12" x 5" x 1/2")



Span 28 Beam 8: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1 1/2" x 1/4")



Span 28 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> (x5) spalls with exposed rebar on the bottom face up to (18" x 6" x 1") and unsound patches up to (18" x 9") near mid span



Span 28 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> multiple spalls with exposed rebar and sound patches on the bottom face up to (13" x 6" x 1/2")



Span 28 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 25 (6" x 4" x 1/2")



Span 28 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 12ft from Bent 25 up to (5" x 5" x 1/2")



Span 28 Beam 12: [NEW REPAIR-PATCHING] FORMERLY --> 20ft area of DELAMINATION and repairs on the bottom face at mid span up to (18" x 4")



Span 18 Lift Span Stringer 12: BETWEEN FB's 7-8 - NEW REPAIR (2) 9.5" X 7" X 3/8" PLATES ON BOTH SIDES OF THE WEB AT FLOORBEAM 8, 2020 INSPECTION HAD - 5/8" HOLE IN WEB AT BOTTOM FLANGE AT FB 8 CONNECTION WIDE/ 8"HIGH x 3"WIDE PITTED AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 12: BETWEEN FB's 7-8 - NEW REPAIR (2) 9.5" X 7" X 3/8" PLATES ON BOTH SIDES OF THE WEB AT FLOORBEAM 8, 2020 INSPECTION HAD - 5/8" HOLE IN WEB AT BOTTOM FLANGE AT FB 8 CONNECTION WIDE/ 8"HIGH x 3"WIDE PITTED AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 8: REPAIR OBSERVED IN 2020 INSP: CRACKS NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD BETWEEN FB's 8-9 - 1" CRACK IN WEB ACROSS TOP OF DIAPHRAGM CONNECTION, WIDE/ (2) 3/4" CRACKS IN CONNECTION WELD AT TOP



Span 18 Lift Span Stringer 11: BETWEEN FB's 8-9 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION



Span 18 Lift Span Floor Beam 9: VERTICAL STIFFENER 7 ON WEST SIDE - 4" HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1/8" REMAINING SECTION IN LOWER 1-1/2" OF AREA - CLEANED AND PAINTED



Span 18 Lift Span Floor Beam 9: NEW REPAIR OBSERVED IN 2021 INSPECTION (6) NEW BOLTS AT CENTER BOTTOM LATERAL CONNECTION, 2020 INSPECTION REPORT - CENTER BOTTOM LATERAL GUSSET - 30% - 90% LOSS TO (8) FASTENERS AT BOTTOM FLANGE ON EAST SIDE - CLEANED AND PAINTED



Span 18 Lift Span Floor Beam 9: VERTICAL STIFFENER 12 AND 13 ON EAST SIDE - 4" HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" WIDE/ ~3/4" HOLES AT EDGES - AREA CLEANED AND PAINTED



Span 18 Lift Span Floor Beam 9: VERTICAL STIFFENER 12 AND 13 ON EAST SIDE - 4" HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" WIDE/ ~3/4" HOLES AT EDGES - AREA CLEANED AND PAINTED



Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - ACTIVE CORROSION ALONG TOP OF TOP FLANGE - NO MEASURABLE SECTION LOSS



Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10
- LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT
ACTION REQUEST



Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - (2) CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - (1) 1/8" AND (1) 1/4" – PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP; BETWEEN FB's 9-10 - (1) 1/2" LONG CRACK PROPAGATING PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, PAR ISSUED.



Span 18 Lift Span Floor Beam 10: VERTICAL STIFFENER 6 ON WEST SIDE - 2-1/2" HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 1" OF AREA REDUCED TO 1/16" - CLEANED AND PAINTED



Span 18 Lift Span Floor Beam 10: FB 10, EAST SIDE, STIFFENER 9 HAS BEEN REPAIRED ADJACENT TO THE BOTTOM FLANGE, WITH A 6" X 6" X 7" HIGH X 1/2" THICK ANGLE BOLTED TO THE STIFFENER AND WEB ON THE SOUTH SIDE OF THE WEST AND EAST FACES.



Span 18 Lift Span Floor Beam 10: OBSERVED IN 2020 INSP: VERTICAL STIFFENER 11 EAST SIDE - 4" HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1-1/2" DIAMETER HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA, PAR ISSUED.



Span 18 Lift Span Floor Beam 10: (PAR) VERTICAL STIFFENER 12 EAST SIDE - 4" HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA



Span 18 Lift Span Floor Beam 10: 2021 INSPECTION THERE IS NO CENTER GUSSET PLATE 2020 INSPECTION HAD BOTTOM FLANGE HAS PITTED AREAS AROUND BOTH SIDES OF CENTER GUSSET PLATE, .25"DEEP X 2"WIDE X FULL WIDTH OF BOTTOM FLANGE.



Span 18 Lift Span Floor Beam 10: VERTICAL STIFFENER 12 WEST SIDE - 2" HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 11: (PAR) BETWEEN FB's 10-11 - TOTAL OF (5) 1/16" TO 1/8" CRACKS PROPAGATING PAST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION



Span 18 Lift Span Floor Beam 11: VERTICAL STIFFENER 12 WEST - PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM UP TO 3" HIGH WIDE/ 2" LONG x 1/2" HIGH HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1/2" OF AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST



Span 18 Lift Span Floor Beam 11: FB 11, WEST SIDE, STIFFENER 11 HAS BEEN REPAIRED ADJACENT TO THE BOTTOM FLANGE, WITH A 6" X 6" X 7" HIGH X 1/2" THICK ANGLE BOLTED TO THE STIFFENER AND WEB ON THE NORTH SIDE EAST AND WEST FACES. 2018 REPORT HAD 3" LONG x 1" HIGH PITTED AREA IN WEB WIDE/ 1/4" DIAMETER HOLE - AT BOTTOM FLANGE ADJACENT TO VERTICAL STIFFENER 11 - AREA CLEANED AND PAINTED - PROMPT ACTION REQUEST.



Span 18 Lift Span Stringer 8: BETWEEN FB's 11-12 - CRACK PROPAGATED 1/4" PAST EAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 8: LONGITUDINAL CRACK, 1/2" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.



Span 18 Lift Span Stringer 9: LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.



Span 18 Lift Span Stringer 12: LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.



Span 18 Lift Span Stringer 13: LONGITUDINAL CRACK, 1/4" LONG IN THE TOP OF THE WEB AT THE WELD AT FE 12, PAR ISSUED.



Span 18 Lift Span Floor Beam 12: LATERAL BRACING FROM FLOORBEAM 11 TO L12 AT MID LENGTH LOOSE BOLTS IN CONNECTION TO VERTICAL BRACE.



Span 18 Lift Span Floor Beam 12: STIFFNER 11 AND 12 EAST SIDE HAS 3/4" HOLE AT WEB THAT HAVE BEEN CLEANED, PAINTED AND ARRESTED.



Bent 17 - Lift Span Bent Cap 1: 1/2" WIDE HORIZONTAL CRACK ALONG TOP EDGE OF WEST FACE AT SOUTH END - VISIBLE FROM TRUSS PANEL 2 BEARING



Bent 17 - Lift Span Bent Cap 1: efflorescence build-up on all faces for the full height and width.



Span 18 Lift Span Floor Beam 12: 1" HOLE IN WEB AT BOTTOM FLANGE BETWEEN STRINGERS 4 & 5 - PROMPT ACTION REQUEST



Span 27 Beam 13: [NEW REPAIR-PATCHING] FORMERLY --> (x12) DELAMINATION areas on the bottom face at 10f from bent 24 up to (18" x 1 1/2" x 1/4")



Span 30 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from bent 28 (9" x 4" x 1/2")



Span 30 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom left face at 16ft from bent 27 (7" x 2" x 1 1/2")



Span 30 Beam 3: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 18ft from bent 27 (11" x 10" x 1/4")



Span 30 Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at mid span up to (10" x 9" x 1/4")



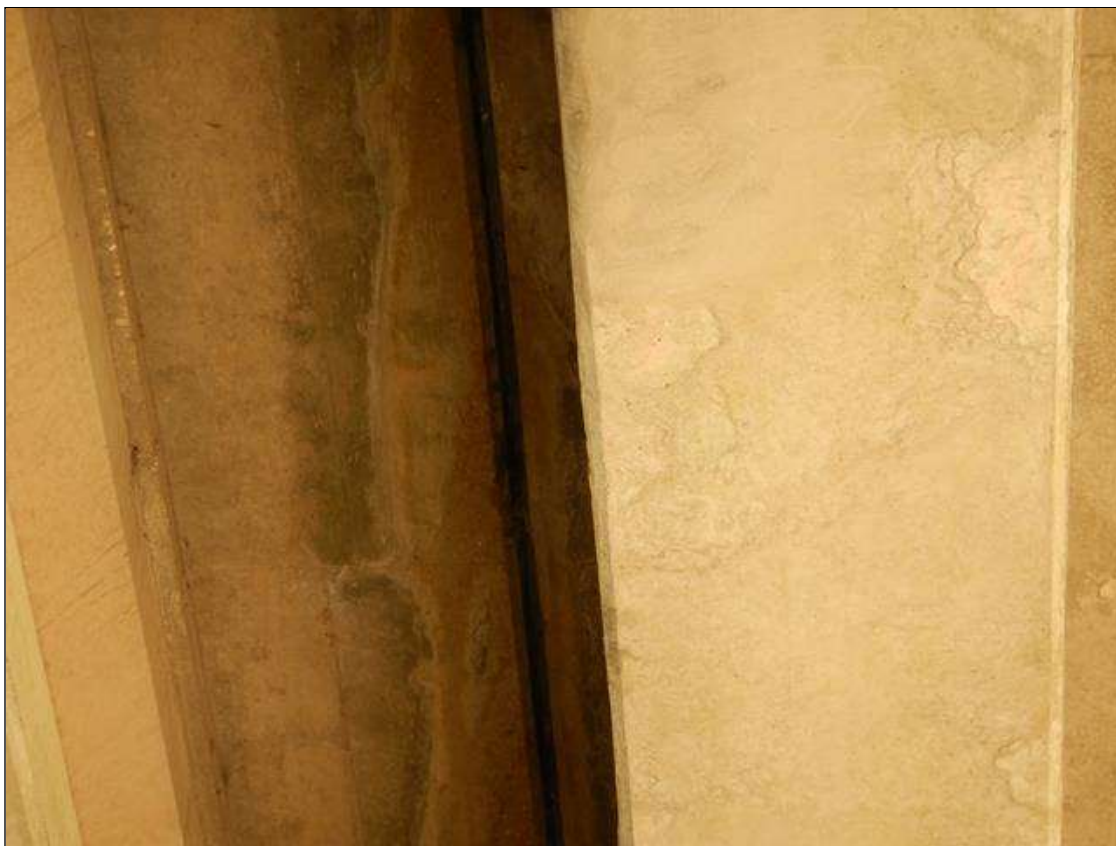
Span 30 Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> Spall with exposed rebar in bottom of girder, approximately 32' from face of Bent 27 Cap



Span 30 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> failed patch on the bottom face at 25ft from Bent 27 exposing steel (6" x 6" x 1/2")



Span 30 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> spall with no exposed steel on the bottom face at 23.5ft from Bent 27 (6" x 6" x 1/2")



Span 30 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (12" x 9" x 1") and (1) exposed strand on the bottom face at 24.5ft from Bent 27, strand exposed for (2") long, active corrosion with no measureable section loss on strand



Span 30 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 30ft from bent 27 up to (13" x 3" x 1/4")



Span 30 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at mid span (11" x 5" x 1/4")



Span 30 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION on the bottom face at 7ft from bent 28
(6" x 6")



Span 30 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at
20ft from ben 28 up to (10" x 3" x 1/4")



Span 30 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 20ft from bent 28 up to (10" x 3" x 1/4")



Span 30 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> area of delamination on the bottom face, 5" in diameter, 15' from bent 28, with 3/16" separation



Span 30 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom right flange with exposed strand (11" x 7" x 1") at 6ft from bent 28, strand exposed for 6" long



Span 30 Beam 10: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom right flange with exposed strand (11" x 7" x 1") at 6ft from bent 28, strand exposed for 6" long



Span 30 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 24ft from bent 28 (6" x 1" x 1/4")



Span 30 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from Bent 28 (12" x 6" x 1/2")



Span 30 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> DELAMINATION on the bottom face at 6ft from bent 28
(6" x 6")



Span 30 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 27
(11" x 4" x 1/2")



Span 35 - Ramp Span Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar in the top left flange at Ramp End Bent (7" x 1 1/2" x 1/4")



Span 35 - Ramp Span Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 1ft from bent 31 (7" x 6" x 1/2")



Span 35 - Ramp Span Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 19ft from Bent 31 (10" x 7" x 1/2")



Span 35 - Ramp Span Beam 5: spall with no exposed steel on the bottom left flange under the end diaphragm at the Ramp End Bent (10" x 7" x 1/2" deep), DELAMINATION area at the back of the beam on the bottom left face at the same location (9" x 6")



Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] spall with exposed steel on the top left flange at the Ramp End Bent (13" x 1" x 1/4")



Span 34 - Ramp Span Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x9) spalls with exposed rebar on the bottom face starting 16ft from Bent 30 up to (16" x 7" x 2")



Span 34 - Ramp Span Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 14ft and 18ft from Bent 30 up to (6" x 6" x 1/2")



Span 34 - Ramp Span Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar (45" x 7" x 2") and (1) exposed strand 16ft from Bent 30, strand exposed for (24") long, active corrosion with section loss less than (1/16") on strand



Span 33 - Ramp Span Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face up to (5" x 5" x 1/2") at several locations



Span 32 Beam 9 - Beam 9 Far Bearing: [NEW REPAIR-NUT INSTALLED] FORMERLY --> missing right anchor rod nut



Span 32 Beam 10: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at 3ft from Bent 29
(4" x 1 1/2" x 1/8")



Span 31 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 14ft
and 21ft from Bent 29 up to (10" x 4")



Span 31 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> (x25) spalls with exposed rebar on the bottom face at mid span up to (20" x 5" x 1/2")



Span 31 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> (x25) spalls with exposed rebar on the bottom face at mid span up to (20" x 5" x 1/2")



Span 31 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 30ft from Bent 28 (8" x 5" x 1/2")



Span 31 Beam 4: [NEW REPAIR-PATCHING] FORMERLY --> (x2) DELAMINATION areas on the bottom right flange a 10ft from Bent 29 up to (6" x 3") (loose concrete over roadway)



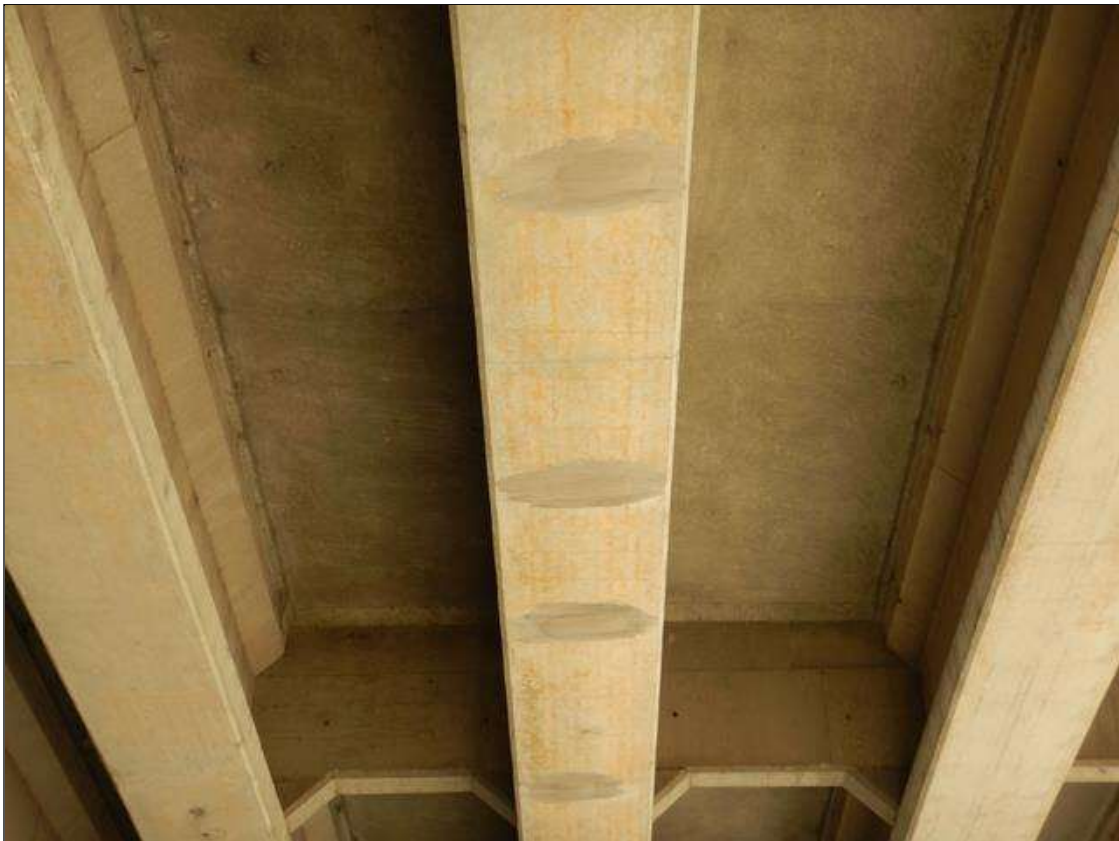
Span 31 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 16ft from Bent 28 (5" x 4" x 1/4")



Span 31 Beam 7: [PROMPT ACTION REQUEST] spall with exposed rebar on the right web at 1ft from Bent 28 (7" x 3" x 1/2")



Span 31 Beam 8: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom left flange chamfer at 0.5ft from Bent 28 (14" x 8" x 1")



Span 31 Beam 9: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face near mid span up to (7" x 4" x 1/2")



Span 31 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the top of the back face at Bent 27 (6" x 5" x 1/2")



Span 31 Beam 12: [NEW REPAIR-PATCHING] FORMERLY --> Impact Damage (apparent) on the bottom right flange over exit ramp, spall with no exposed steel (8" x 3" x 1/2") - Clearance 16.25ft at this location



Span 31 Beam 12: [NEW REPAIR-PATCHING] FORMERLY --> Impact Damage (apparent) on the bottom right flange over exit ramp, spall with no exposed steel (8" x 3" x 1/2") - Clearance 16.25ft at this location



Span 31 Beam 12: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar over the southbound bike lane (1 1/2" x 2" x 1/2")



Span 29 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 27
(3" x 3" x 1/8")



Span 29 Beam 1: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at bent 26
(11" x 6" x 1/2')



Span 29 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar and unsound patch on the bottom face at 18ft and 20ft from Bent 27 (7" x 5" x 1/2") spall and (10" x 5") patch



Span 29 Beam 2: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at mid span up to (6" x 5" x 1/2")



Span 29 Beam 5: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 3ft from Bent 26 up to (9" x 4")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 17ft from Bent 27 up to (5" x 3" x 1/4")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22ft from bent 27 (5" x 4" x 1/2")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 23ft from Bent 27, (10" x 7") and (18" x 6")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at 26ft from Bent 27 up to (13" x 7" x 1/2")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar near large patched area near mid span (8" x 4" x 1/2")



Span 29 Beam 10: (11" x 5") unsound patch on the bottom face near mid span



Span 29 Beam 11: [NEW REPAIR-PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 30ft from bent 27 (10" x 6" x 1/4")



AT THE RAMP ABUTMENT SOUTHEAST CORNER GUARDRAIL, APPROXIMATELY 10' OUT FROM THE BRIDGE RAIL, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 20' LONG AFFECTED]



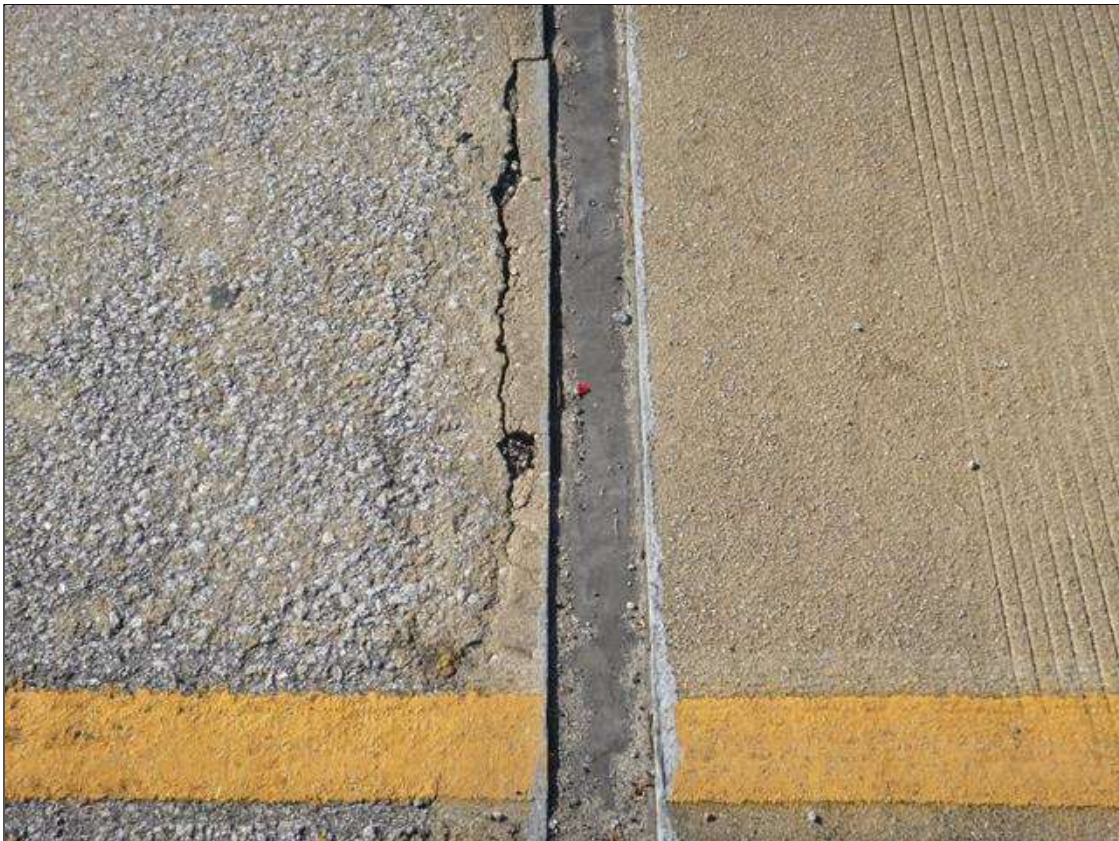
AT THE RAMP ABUTMENT SOUTHEAST CORNER GUARDRAIL, APPROXIMATELY 30' OUT FROM THE GUARDRAIL END, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 18' LONG AFFECTED]



AT THE RAMP ABUTMENT NORTHEAST CORNER GUARDRAIL, SCATTERED ALONG THE LENGTH AND CONCENTRATED NEAR THE MIDDLE, DAMAGE WITH FLATTENED RAIL AND POSTS DEFLECTED UP TO 6" AT THE TOP [APPROXIMATELY 75' LONG AFFECTED]



Span 35 - Ramp Span Expansion Joint: SCATTERED ALONG THE ADJACENT DECK HEADER, MAP CRACKING TO 1/4" WIDE WITH POPOFFS UP TO 8" LONG X 2" WIDE X UP TO 1.5" DEEP



Span 35 - Ramp Span Expansion Joint: SCATTERED ALONG THE ADJACENT DECK HEADER, MAP CRACKING TO 1/4" WIDE WITH POPOFFS UP TO 8" LONG X 2" WIDE X UP TO 1.5" DEEP



SOUTHEAST CORNER, THE GUARDRAIL HAS SCATTERED MINIMAL IMPACT DAMAGE ALONG THE LENGTH
[APPROXIMATELY 80' LONG AFFECTED]



[PROMPT ACTION REQUEST] AT THE ABUTMENT 2 APPROACH, THE MEDIAN RAIL HAS IMPACT DAMAGE
WITH FIVE BROKEN POSTS



Span 32 Left Bridge Rail: damage to the bottom rail at End Bent 2



Span 18 Lift Span Floor Beam 12: LATERAL BRACING FROM FLOORBEAM 11 TO U12 AT U12 SURFACE RUST ON BOLTS.



Span 18 Lift Span Stringer 7: REPAIR OBSERVED IN 2021 INSPECTION 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH, 2020 INSPECTION REPORT HAD BETWEEN FB's 11-12 - PITTED AREA IN WEB ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11 CONNECTION UP TO 3"LONG x 4"HIGH x 3/16"DEEP- CLEANED AND PAINTED



Span 18 Lift Span Stringer 2: REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 11 - 12, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 30 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA. A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB, 2018 REPORT HAD BETWEEN FB's 11-12 - PITTED AREAS UP TO 1/4" DEEP SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE ON NORTH AND SOUTH SIDES - CLEANED AND PAINTED.



Span 18 Lift Span Floor Beam 12: (PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.



Span 18 Lift Span Stringer 1: REPAIR OBSERVED IN 2021 INSPECTION BETWEEN FB 11 - 12, BEGINNING AT FLOORBEAM 12 FOR 7.5' A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB, 2018 REPORT HAD BETWEEN FB's 11-12 - SECTION LOSS TO KNIFE EDGE IN AREAS UP TO 2-1/2"WIDE x 6"LONG SCATTERED ALONG NORTH AND SOUTH SIDES OF TOP FLANGE - UP TO 1" REDUCTION IN FLANGE WIDTH AT SOME LOCATIONS - CLEANED AND PAINTED



Span 18 Lift Span Stringer 1: REPAIR OBSERVED IN 2021 INSPECTION BETWEEN FB 11 - 12, BEGINNING AT FLOORBEAM 12 FOR 7.5' A 5" X 3.5" X 3/8" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB, 2018 REPORT HAD BETWEEN FB's 11-12 - SECTION LOSS TO KNIFE EDGE IN AREAS UP TO 2-1/2"WIDE x 6"LONG SCATTERED ALONG NORTH AND SOUTH SIDES OF TOP FLANGE - UP TO 1" REDUCTION IN FLANGE WIDTH AT SOME LOCATIONS - CLEANED AND PAINTED



Span 18 Lift Span Stringer 3: REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 10 - 11, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 9 FOOT. LONG. 6" X 4" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE IN THE SAME AREA STARTING AT FB 11.



Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: 2" WIDE SECTION AROUND BOTTOM PORTAL AT L12 REDUCED TO 1/16" WIDE/ 100% LOSS TO 1" AREAS AT EDGE - ACTIVE CORROSION PRESENT, PAR ISSUED.



Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: PITTED AREAS UP TO 2" IN DIAMETER x 1/4" DEEP SCATTERED THROUGHOUT TOP OF CHORD - ACTIVE CORROSION PRESENT IN SOME OF THESE AREAS, PAR ISSUED.



Span 18 Lift Span L10L11 NORTH: OBSERVED IN 2020 INSP: BOTTOM OF CHORD AT L10 - 4"LONG x 12"WIDE PITTED AREA UP TO 1/4"DEEP (APPROX. 3/16" REMAINING SECTION) WIDE/ 1-1/2"LONG x 3/16"WIDE HOLE AND 1-1/2"LONG CRACK PROPAGATING FROM WEST SIDE OF HOLE, PAR ISSUED.



Span 18 Lift Span L10 NORTH: BOTTOM LATERAL GUSSET AT L10 NORTH- 1" WIDE X 4" LONG AREA ON EAST SIDE AT BOTTOM CHORD HAS 1/4" SECTION LOSS WITH 1/4" REMAINING, PAR ISSUED.



Span 18 Lift Span Floor Beam 10: REPAIR OBSERVED IN 2021 INSP: STIFFENER 1 HAS BEEN REPAIRED FROM THE BOTTOM UP 7" HIGH. 2020 REPORT HAD VERTICAL STIFFENER 1 EAST - 3" HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ ~1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 5: BETWEEN FB's 9-10 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 4: BETWEEN FB's 9-10 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION



Span 18 Lift Span Stringer 2: (PAR) BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.



Span 18 Lift Span Floor Beam 9: REPAIR OBSERVED 2021 INSPECTION 7" HIGH REPAIR FROM TOP OF BOTTOM FLANGE WITH SURFACE RUST, 2020 INSPECTION HAD VERTICAL STIFFENER 2 ON EAST SIDE - 3" HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 2" OF AREA REDUCED TO KNIFE EDGE WIDE/ (2) 1/2" TO 1-1/2" DIAMETER HOLES - CLEANED AND PAINTED



Span 18 Lift Span Floor Beam 9: REPAIR OBSERVED 2021 INSPECTION 7" HIGH 6" X 6" X 3/8" ANGLE BOLTED TO EAST AND WEST FACES ON SOUTH SIDE OF STIFFENER 4, 2020 INSPECTION HAD 7" x 7" PITTED AREA IN WEB AT BOTTOM FLANGE WIDE/ 3/16" DIAMETER HOLE - AREA ADJACENT TO VERTICAL STIFFENER 4 - CLEANED AND PAINTED



Span 18 Lift Span L8 NORTH: SOUTH PLATE, SOUTH FACE - 3" HIGH x 18" LONG PITTED AREA UP TO 1/4" DEEP ALONG BOTTOM ON WEST SIDE - CLEANED AND PAINTED



Span 18 Lift Span Stringer 6: BETWEEN FB's 8-9 - 1/2" LONG CRACK AT BOTTOM OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 5: REPAIR OBSERVED IN 2021 INSPECTION: 6" X 4" X 3/8" THICK ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB AND BOTTOM FLANGE, FULL LENGTH 2020 REPORT HAD BETWEEN FB's 7-8 - PITTED AREAS ON WEB AT BOTTOM FLANGE ON NORTH SIDE UP TO 3"HIGH x 1/8"DEEP SCATTERED ACROSS FULL LENGTH - CLEANED AND PAINTED



Span 18 Lift Span Stringer 4: BETWEEN FB 7-8, TOP (2) BOLTS HAVE SHEARED AT NORTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.



Span 18 Lift Span Stringer 3: BETWEEN FB 7-8, TOP BOLT HAS SHEARED AT SOUTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.



Span 18 Lift Span Stringer 4: BETWEEN FB's 7-8 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 6-7 - (1) CRACK PROPAGATED UP TO 1/4" PAST EAST ARREST HOLE, PAR ISSUED.



Span 18 Lift Span Stringer 4: BETWEEN FB 6-7, CONNECTION TO FB 7, TOP BOLT AT NORTH SIDE OF STRINGER IS SHEARED, PAR ISSUED.



Span 18 Lift Span Stringer 2: REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 5 - 6, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 34' LONG. 6" X 5" X 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES OF THE WEB. A 9" WIDE X 1/2" THICK PLATE HAS BEEN BOLTED TO THE BOTTOM FLANGE. BEGINNING AT FLOORBEAM 5 FOR 17' A 4.5" X 3" X 1/2" THICK ANGLE HAS BEEN WELDED TO BOTH SIDES OF THE TOP FLANGE AND WEB. 2018 REPORT HAD PITTED AREAS UP TO 1/4" DEEP SCATTERED ACROSS FULL LENGTH OF BOTTOM FLANGE ON SOUTH SIDE.



Span 18 Lift Span L6 NORTH: REPAIR OBSERVED IN 2020 INSP: 2 BOLTS HAVE BEEN REPLACED AREA HAS BEEN PAINTED OVER. 2018 REPORT HAD SHEARED BOLT ON INSIDE PLATE - WEST SIDE OF L6.



Span 18 Lift Span L6 NORTH: DIRT AND DEBRIS BUILDUP ON TOP OF BOTTOM CHORD.



Span 18 Lift Span L6 NORTH: (3) NEW BOLTS IN BOTTOM GUSSET AT FLOORBEAM AND LATERAL BRACING CONNECTION ON EAST SIDE



Span 18 Lift Span L5L6 NORTH: IN BOTTOM AT MID-LENGTH SURFACE RUST.



Span 18 Lift Span Stringer 5: BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS BOTTOM OF DIAPHRAGM CONNECTION



Span 18 Lift Span Stringer 4: REPAIR OBSERVED IN 2021 INSPECTION CRACK NOT VISIBLE, AREA HAS BEEN PAINTED OVER. 2020 REPORT HAD BETWEEN FB's 5-6 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION



Span 18 Lift Span Stringer 7: BETWEEN FB's 5-6 - 1" CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION - SOUTH SIDE - PROMPT ACTION REQUEST



Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK PROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED.



Span 18 Lift Span Stringer 4: BETWEEN FB"s 4-5 - SOUTH SIDE TOP FLANGE 10' FROM FLOORBEAM 4, 3/8" DIAMETER HOLE.



Span 18 Lift Span Stringer 4: BETWEEN FB's 3 & 4 - (2) 1/2" HOLES WIDE/ 6"LONG x 4"WIDE PITTED AREA ON NORTH SIDE OF TOP FLANGE AT 3' FROM FROM FB 4 CONNECTION - AREA CLEANED AND PAINTED, PAR ISSUED.



Span 18 Lift Span Stringer 1: NEW REPAIR 2021 INSPECTION: BETWEEN FB's 4-5 (1) NEW BOLT AT TOP NORTH SIDE AT FLOORBEAM 4.



Span 18 Lift Span L2U3 NORTH - Protective System: NORTH FACE 5' FROM L2 PEELING OF TOP COAT



Span 18 Lift Span Stringer 5: BETWEEN FB'S 1- 2 - 1-1/2" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION



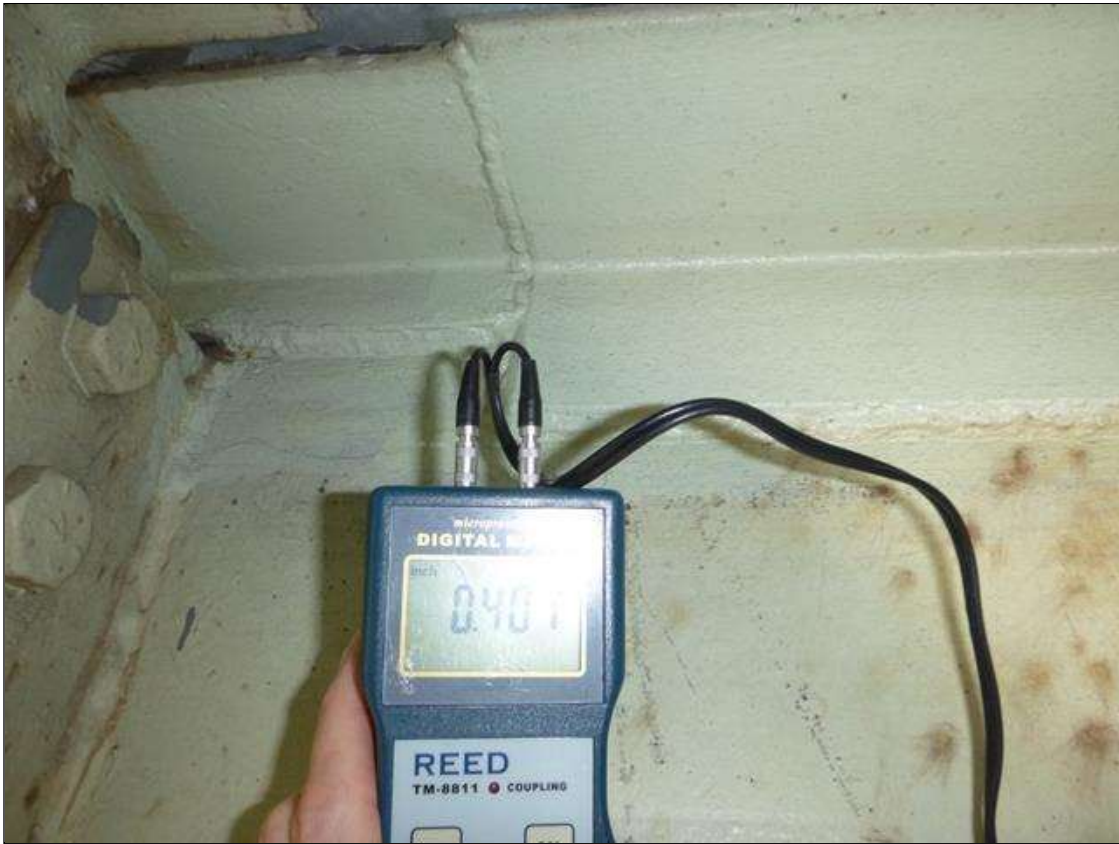
Span 18 Lift Span Stringer 3: BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



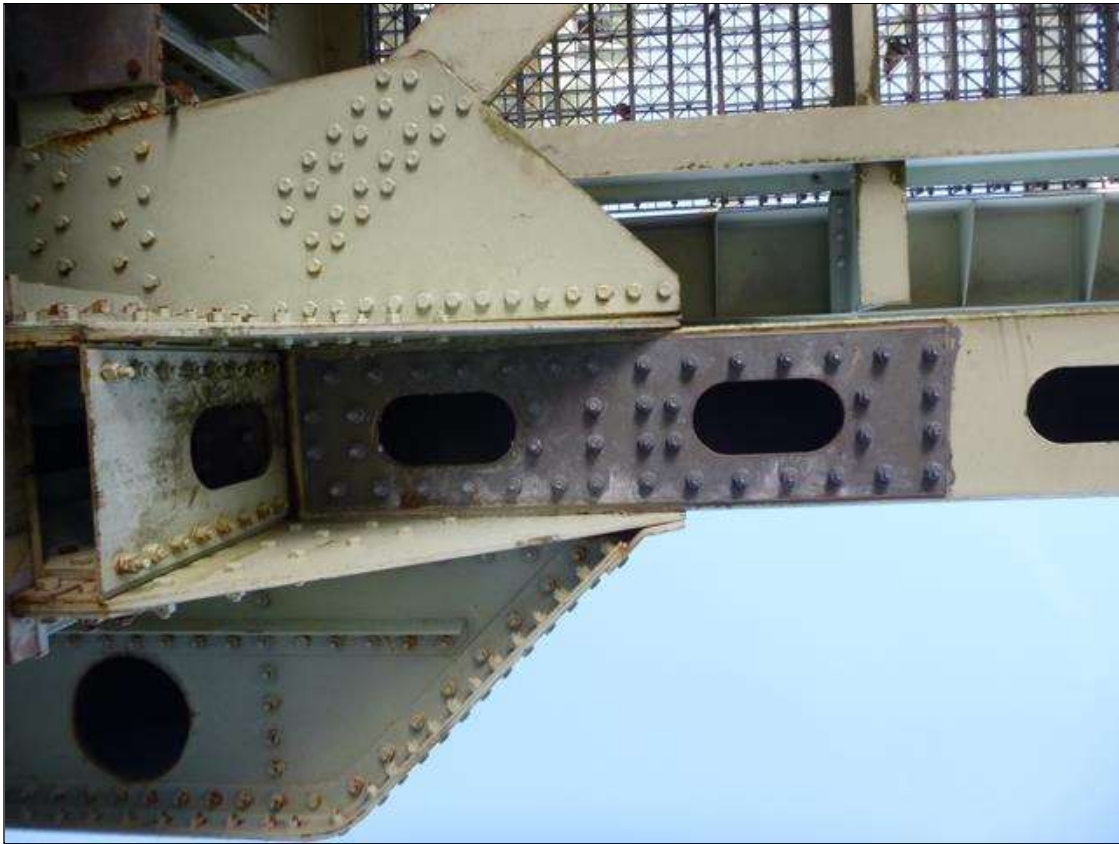
Span 18 Lift Span Stringer 3: ONE BOLT MISSING ON THE SOUTH SIDE OF STRINGER CONNECTION TO FLOOR BEAM 1, PAR ISSUED.



Span 18 Lift Span Stringer 2: ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.



Span 18 Lift Span Stringer 7: REPAIR OBSERVED IN 2020 INSP: ANGLE, 5" X 3.5" X 3/8 THICK HAS BEEN WELDED TO EACH SIDE OF THE WEB AND BOTTOM OF THE TOP FLANGE, FULL LENGTH. AREA HAS BEEN CLEANED AND REPAINTED. 2018 REPORT HAD BETWEEN FB's 0-1 - CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION PROPAGATED 1/8" PAST ARREST HOLE ON EAST SIDE



Span 18 Lift Span L0L1 NORTH: REPAIR OBSERVED IN 2020 INSP: A STEEL PLATE HAS BEEN BOLTED OVER THE AREA, 6 FOOT. LONG X 17.5" WIDE X 3/8" THICK. 2018 REPORT HAD 3" WIDE AREA OF SECTION LOSS TO KNIFE EDGE WIDE/ HOLES UP TO 1/2" IN DIAMETER AROUND PORTAL IN BOTTOM OF CHORD AT L0



Span 18 Lift Span L0 NORTH: SURFACE RUST ON BOLTS.



WEST TOWER: NORTHWEST CABLE BANK EAST BOUND LANE, LOSS OF SECTION .258" WITH 3.49" REMAINING



Span 18 Lift Span LB1: [PROMPT ACTION REQUEST] (3) ROD GUIDE PLATES HAVE LOSS OF SECTION UP TO .296" WITH .347" REMAINING ALONG



Span 18 Lift Span U0 SOUTH: (PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.



Span 18 Lift Span U0 SOUTH: (PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.



Span 18 Lift Span U0 SOUTH: AT LATERAL BRACING CONNECTION SURFACE RUST ON BOLTS



Span 18 Lift Span LB0: IMPACT DAMAGE 9" WIDE X 1" DEFORMATION IN WEST FLANGE OVER RIGHT EAST BOUND LANE.



Span 18 Lift Span LB1: SURFACE RUST ON BOLTS AT RANDOM.



Span 18 Lift Span U2 SOUTH: 1/8" - 3/16" PITTING & SECTION LOSS TO TOP LATERAL BETWEEN U2 FOR A LENGTH OF 15FT (BOTTOM FLANGE)



Span 18 Lift Span LB3: IMPACT DAMAGE 16" WIDE X 1-1/2" DEFORMATION IN BOTH FLANGES OVER RIGHT EAST BOUND LANE.



Span 18 Lift Span LB5: LOWER HORIZONTAL CHORD BEGINNING AT SOUTH TRUSS FOR 11' PITTING UP TO 3" WIDE X 1/16" DEEP IN WEB AND WEST FLANGE.



Span 18 Lift Span U6 SOUTH: NORTH FACE SURFACE RUST ON BOLTS.



Span 18 Lift Span LB7: IMPACT DAMAGE 20" WIDE X 1-1/2" DEFORMATION IN WEST FLANGE OVER RIGHT EAST BOUND LANE.



Span 18 Lift Span U7 SOUTH: 40" LONG X 1 1/2" WIDE AREA OF CLEANED AND PAINTED SECTION LOSS TO UNDERSIDE OF GUSSET PLATE SOUTH SIDE. (3/8" REMAINING)



Span 18 Lift Span U8 SOUTH: EAST SIDE TOP CONNECTION TO LATERAL BRACING MISSING (1) BOLT



Span 18 Lift Span LB9: IMPACT DAMAGE 22" WIDE X 1-1/2" DEFORMATION ON WEST BOTTOM FLANGE OVER RIGHT EAST BOUND LANE.



Span 18 Lift Span U9 SOUTH: 32" LONG X 1 1/2" WIDE AREA OF CLEANED AND PAINTED SECTION LOSS TO UNDERSIDE OF GUSSET PLATE @ U9 SOUTH SIDE.



Span 18 Lift Span L9U9 SOUTH: SOUTH FLANGE EAST SIDE NEAR U8 FRECKLED RUST 18" X 6" AREA.



Span 18 Lift Span U11 SOUTH: BOTTOM OF TOP GUSSET PLATE AT LB11 EAST SIDE 15" X 1/2" AREA OF PITTING UP 1/16" DEEP.



Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES HAVE LOSS OF SETION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.



Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFNER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGE ALONG BOTTOM 4" HIGH.



Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 2ND STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.



Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 3RD STIFFNER RIGHT OF NORTHWEST CABLE BANK LOSS OF SETION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.



Span 18 Lift Span Truss Panel 2 - L12U12 SOUTH: 2 MISSING BOLTS AT THE BOTTOM OF THE WEST GUSSET AT BEARING. (PAR)



Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .625" WITH .683" REMAINING BOTTOM EAST FLANGE 4' LONG X 3.25" WIDE OVER OLD ANCHOR POINT BEGINNING 2' LEFT OF NORTHEAST BEARING. PAINT HAS FAILED. (PAR)



Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .680" WITH .628" REMAINING BOTTOM EAST FLANGE 17' LONG X UP TO 5-1/2" WIDE BETWEEN LEFT LOCK AND CENTERLINE SUPPORT PEDESTAL. (PAR)



Span 19 Stringer 3: surface corrosion on the edges of the flanges between stringers which are between stringer 3 and



Span 19 Floor Beam 2: HOLE 1" DIAMETER IN BOTTOM OF STIFFNER 3 ON EAST SIDE.



Span 17 WEST TOWER SOUTH: [PROMPT ACTION REQUEST] IN BOTTOM OF FIRST HORIZONTAL AT SOUTH EAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.



Span 5 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 4, TWO SPALLS (18" LONG x 3" WIDE x 1.5" DEEP AT 8' FROM RIGHT CURB) & (8" LONG x 2" WIDE x 3" DEEP AT 2' FROM CENTERLINE)



Span 7 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 6, SPALL (24" LONG x 4" WIDE x 1.5" DEEP AT 10' FROM RIGHT CURB)



Span 8 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 7, SPALL (36" LONG x 3" WIDE x 1.5" DEEP AT 4' FROM RIGHT CURB)



Span 21 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 18, SPALL (42" LONG x 2" WIDE x 3.5" DEEP AT 4' FROM RIGHT CURB)



Span 22 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)



Span 22 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)



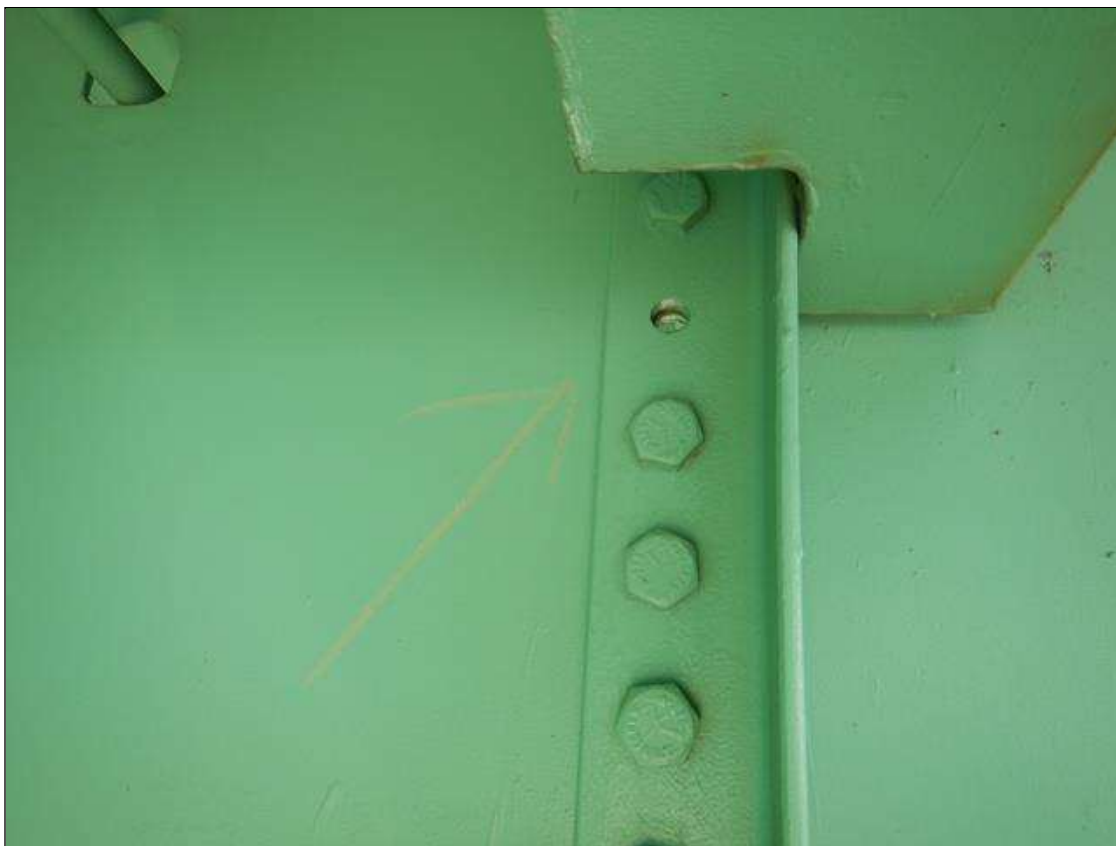
Span 22 Right Bridge Rail: TOP OF THE REINFORCED CONCRETE CURB, SPALLING WITH EXPOSED REBAR
[APPROXIMATELY 16" X 2" X 3/4"], NO MEASURABLE SECTION LOSS



Bent 21 Cap 2: RIGHT SIDE OF COLUMN 3, BOTTOM OF CAP, SPALLING WITH EXPOSED REBAR [1' LONG X 6" WIDE X 2" DEEP] WITH LAYERED RUST ON THE REBAR



Span 20 Beam 8: [NEW REPAIR - NUT REPLACED] FORMERLY --> Bracket 3 at EB Parking Area West Face: section loss up to 75% section loss on (x1) nut; section loss in the web (6" x 2 1/2") by up to (1/16") into the web



Span 20 Beam 8: brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.



Span 22 Beam 1 - Beam 1 Near Bearing: [PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"



Span 22 Beam 3 - Beam 3 Near Bearing: [PROMPT ACTION REQUEST] RIGHT ANCHOR BOLT LIFTED 3/4"



Span 18 Lift Span Floor Beam 12: (PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM EAST HORIZONTAL TRUSS MEMBER - 32" LONG SECTION OF COVER PLATE ON EAST SIDE BENT UPWARD 1-1/4" WIDE/ (2) 6-1/2" LONG GOUGES UP TO 1/16" DEEP - LOCATED 11' FROM NORTHEAST TOWER LEG - NO DAMAGE TO ACTUAL TRUSS MEMBER (COVER PLATE ONLY)



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DIAGONAL CONNECTION GUSSET PLATE - 18"LONG x 8"HIGH SECTION AT BOTTOM SOUTH CORNER BENT 1/2" TO THE WEST - LOCATED AT 11'-3" FROM NORTHWEST TOWER LEG (PAR)



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - (2) 1"WIDE x 3/4"LONG x 3/16"DEEP GOUGES, AND (1) ~1/2" DIAMETER x 1/16"DEEP INDENTION ON BOTTOM EAST CORNER AT 11'-3" FROM NORTHWEST TOWER LEG



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3'L SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NORTHWEST TOWER LEG (PAR)



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DEFORMATION IN TOP AND BOTTOM PLATES OF MEMBER BEGINING AT NORTHWEST TOWER LEG AND CONTINUING SOUTH 16'. MOST SEVERE DEFORMATION IN BOTTOM PLATE AT POINT OF IMPACT (11'-3" FROM NORTHWEST TOWER LEG), WITH AREAS BENT UPWARD AND DOWNWARD UP TO 1-1/2" x 3'L (PAR)



Span 19 EAST TOWER NORTH: CRACK - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR)



Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM WEST CORNER 14" LONG - LOCATED 6' FROM NORTHWEST TOWER LEG (PAR)



Span 18 Lift Span LB11: BOTTOM SWAY BRACE END PORTAL DAMAGE 3' WIDE X 1-1/2" DEFORMATION OVER LEFT WEST BOUND LANE.



Span 18 Lift Span LB11: BOTTOM SWAY BRACE END PORTAL DAMAGE 1' WIDE X 1/2" DEFORMATION OVER LEFT WEST BOUND LANE.



Span 18 Lift Span LB11: BOTTOM SWAY BRACE END PORTAL DAMAGE 30" WIDE X 2-1/4" DEFORMATION OVER RIGHT WEST BOUND LANE.



Span 18 Lift Span U12 NORTH: WHEEL GUIDE BOTTOM PLATE 20 MISSING BOLTS WITH CORROSION AT BOLT HOLES.



Span 18 Lift Span U10 NORTH: OUT OF PLANE BENDING 3/8" GAP TO BOTTOM OF GUSSET PLATE @ U10 NORTH SIDE.



Span 18 Lift Span LB9: IMPACT DAMAGE 8" WIDE X 3/4" DEFORMATION ON EAST BOTTOM FLANGE OVER RIGHT EAST BOUND LANE 12.5 FEET FROM L9-U9 NORTH.



Span 18 Lift Span LB9: 1 3/4" DEEP X 9" LONG IMPACT DAMAGE TO EAST AND WEST FLANGE OVER RIGHT EAST BOUND LANE, LOCATED 7.67' FROM L9-U9 NORTH VERTICAL.



Span 18 Lift Span LB9: 1 3/4" DEEP X 9" LONG IMPACT DAMAGE TO EAST AND WEST FLANGE OVER RIGHT EAST BOUND LANE, LOCATED 7.67' FROM L9-U9 NORTH VERTICAL.



Span 18 Lift Span U9 NORTH: 35" LONG X 1-1/2" WIDE AREA 3/16" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U9. (AREA IS CLEANED AND PAINTED.)



Span 18 Lift Span U4 NORTH: BOTTOM OF TOP GUSSET PLATE AT EAST DIAGONAL BRACE 7" X 1" X 3/16" DEEP PITTING CLEANED AND PAINTED.



Span 18 Lift Span Truss Panel 1 - U3 NORTH: TOP GUSSET PLATE: OUT OF PLANE BENDING $\frac{1}{2}$ " DUE PACK RUST WITH $\frac{1}{8}$ " LOSS OF SECTION AND $\frac{1}{4}$ " REMAINING ALONG PLATE EDGES. (PAR)



Span 18 Lift Span U2 NORTH: $\frac{1}{2}$ " PACK RUST UNDER BOTTOM GUSSET PLATE CONNECTION TO DIAGONAL EAST SIDE OF U2, ALSO $\frac{7}{32}$ " SECTION LOSS TO BOTTOM FLANGE OF BEAM.



Span 18 Lift Span U2 NORTH: U2 TOP GUSSET PLATE HAS 1/8" OUT OF PLANE BENDING DUE TO PACK RUST BUILD UP BETWEEN MEMBERS. (PAR)



Span 18 Lift Span U1 NORTH: TOP GUSSET CONNECTION HAS 1/4" OUT OF PLANE BENDING WITH PACK RUST BETWEEN PLATES.



Span 17 WEST TOWER NORTH: HORIZONTAL AT NORTH EAST TOWER LEG 46" LONG 6" X 4" X 3/8" ANGLE REPAIR TO EAST FACE AND BOTTOM BEGINNING 1' FROM NORTHEAST TOWER LEG



Span 18 Lift Span U1 NORTH: BOTTOM GUSSET CONNECTION AT LATERAL CONNECTION HAS 1/4" OUT OF PLANE BENDING WITH PACK RUST BETWEEN PLATES. AREA HAS BEEN CLEANED AND PAINTED



Span 18 Lift Span L0U1 NORTH: SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH SURFACE RUST.



Span 19 EAST TOWER SOUTH: SOUTHWEST TOWER LEG NORTH FACE GUSSET PLATE EAST END 12" X 4" X 1" DISTORTION.



Span 18 Lift Span Truss Panel 2 - L0U0 SOUTH: (2) MISSING BOLTS AT BOTTOM OF EAST GUSSET AT BEARING (PAR)



Span 18 Lift Span L0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.



Span 17 WEST TOWER NORTH: WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.



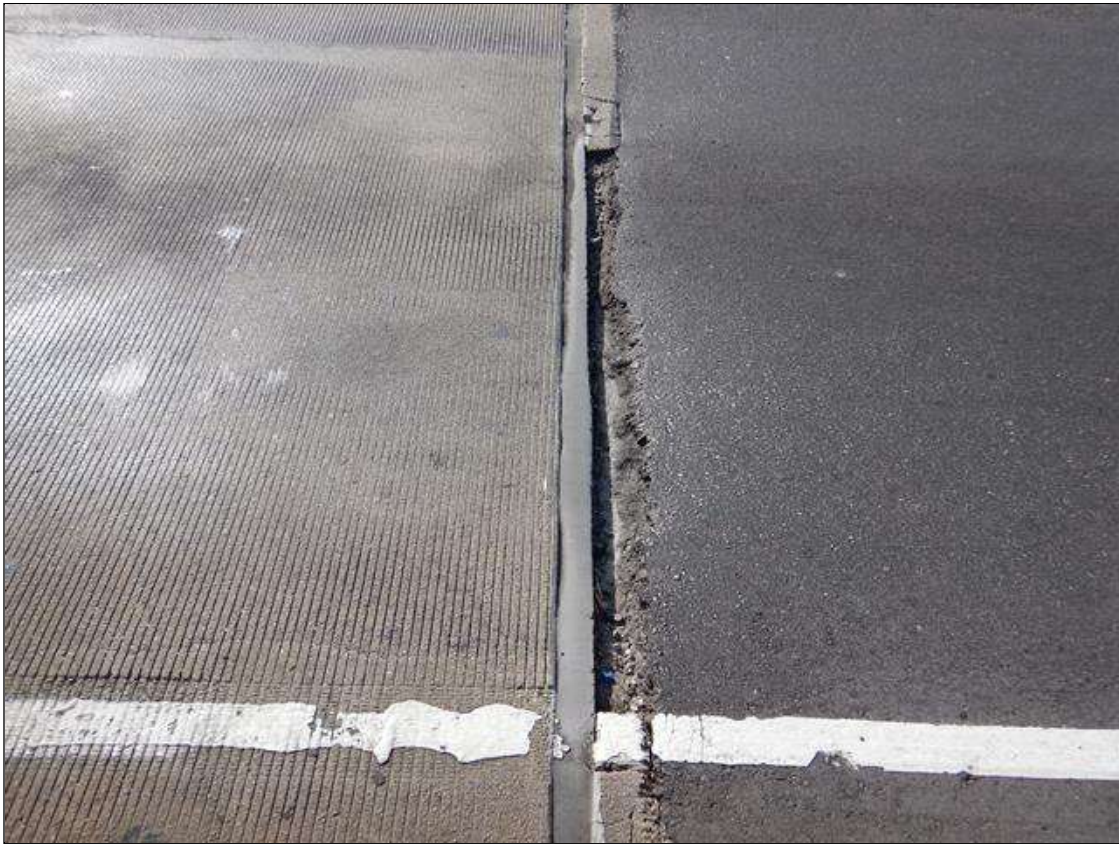
Span 18 Lift Span Stringer 1: BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.



Span 18 Lift Span U0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE TOP OF BOTTOM PLATE AND INTERNAL BRACING HAS RUST SCALE AND 1" DIAMETER CORROSION HOLE IN INTERNAL BRACING.



Span 18 Lift Span LB0: WEST TOWER NORTHWEST CABLE BANK, NORTH BANK WEST FACE, 4TH CABLE ROD PROTECTION CAP HAS 3/16" CRACK



Span 1 Joint at Abutment 1: SCATTERED ALONG THE LENGTH OF THE ADJACENT DECK HEADERS IN THE RIGHT AN LEFT LANES, SPALLING WITH LOSS OF THE HEADER CONCRETE [UP TO 3" DEEP X 5" LONG] WITH LOSS OF ADHESION IN THE AFFECTED AREAS. THE BALANCE OF THE JOINT HEADERS HAVE SCATTERED MAP CRACKING TO 1/4" WIDE.



Span 1 Joint at Abutment 1: SCATTERED ALONG THE LENGTH OF THE ADJACENT DECK HEADERS IN THE RIGHT AN LEFT LANES, SPALLING WITH LOSS OF THE HEADER CONCRETE [UP TO 3" DEEP X 5" LONG] WITH LOSS OF ADHESION IN THE AFFECTED AREAS. THE BALANCE OF THE JOINT HEADERS HAVE SCATTERED MAP CRACKING TO 1/4" WIDE.



Span 4 Joint at Bent 3: SCATTERED ALONG THE LENGTH, PUNCTURES UP TO 1" DIAMETER IN THE LEFT LANES AND SCATTERED LOSS OF ADHESION IN THE RIGHT.



Span 4 Joint at Bent 3: SCATTERED ALONG THE LENGTH, PUNCTURES UP TO 1" DIAMETER IN THE LEFT LANES AND SCATTERED LOSS OF ADHESION IN THE RIGHT.



Span 13 Joint at Bent 12: SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE



Span 13 Joint at Bent 12: SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE



Span 13 Joint at Bent 12: SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE



Span 13 Joint at Bent 12: SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE



Span 20 Joint at Bent 17: SCATTERED ALONG THE LENGTH, SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 3" WIDE X 1" DEEP



EAST TOWER AT THE RIGHT LANES, THERE IS IMPACT DAMAGE TO THE CHAIN LINK FENCING AT THE STAIRWAY [APPROXIMATELY 24' LONG]



Span 21 Joint at Bent 18: SCATTERED ALONG THE LENGTH, LOSS OF ADHESION UP TO FULL DEPTH



Span 31 Joint at Bent 28: LEFT LANES, THERE IS A TEAR IN THE TOP OF THE SEAL [APPROXIMATELY 2" DIAMETER]



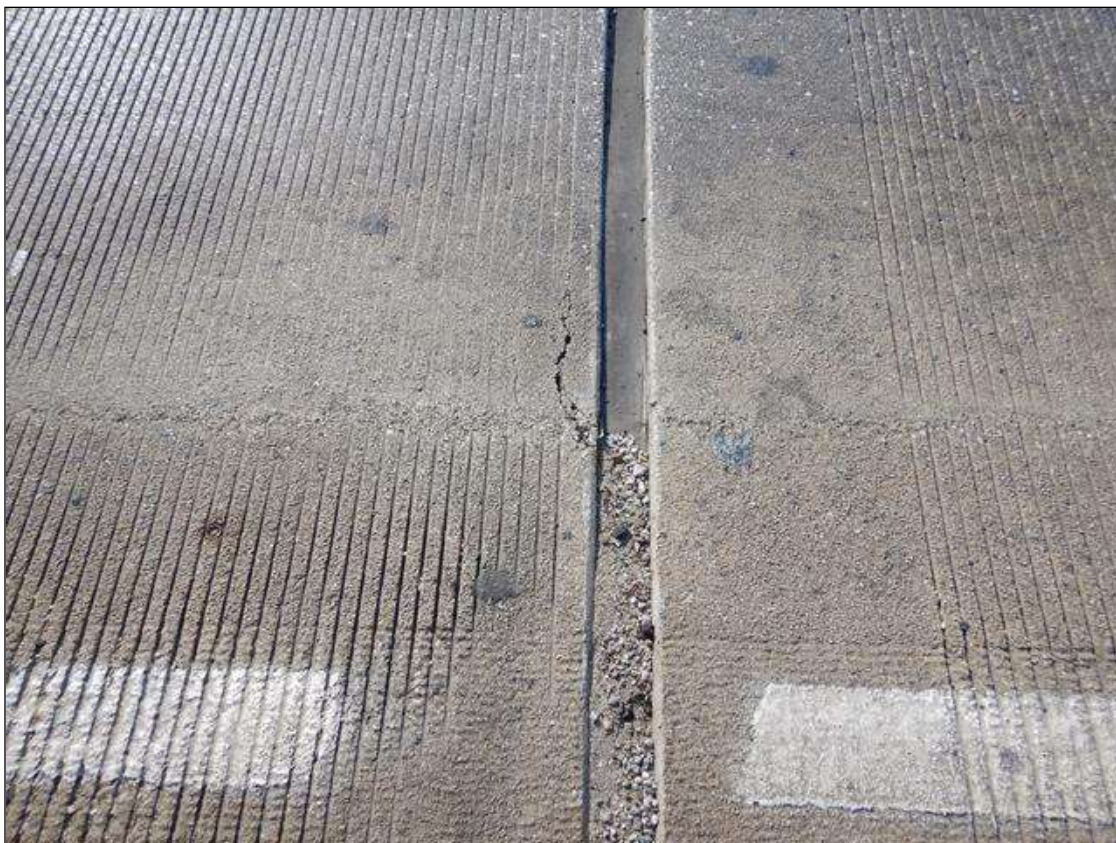
Span 32 Joint at Abutment 2: SCATTERED ALONG THE LENGTHS OF THE ADJACENT DECK HEADERS, SPALLING [UP TO 18" LONG X 3" WIDE X 2" DEEP]



Span 32 Joint at Abutment 2: SCATTERED ALONG THE LENGTHS OF THE ADJACENT DECK HEADERS, SPALLING [UP TO 18" LONG X 3" WIDE X 2" DEEP]



Span 15 Left Bridge Rail: (84" x 3 1/2") impact damage to the bottom rail at 38ft from bent 14



Span 5 Epoxy Wearing Surface: LEFT LANES AT BENT 4, MAP CRACKING TO 3/16" WIDE X 8" LONG



Span 31 Deck: [NEW REPAIR - PATCHING] FORMERLY --> spill with exposed rebar on the deck bottom in bay 7 at 2ft from Bent 28 (18" x 5" x 1/2")



Span 32 Deck: hairline transverse surface cracking with EFFLORESCENCE. in bays 11, 10 and 9



Span 35 - Ramp Span Deck: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the left overhang at Ramp End Bent (20" x 24" x 6")



Span 1 Deck: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom of the left overhang at bent 1 (23" x 14" x 4 1/2")



Span 1 Beam 1 - Beam 1 Near Bearing: Active corrosion and 100% section loss on the left anchor rod nut (up to 50% section loss on the right nut) section loss on the masonry plate at the front left corner up to (3/16") into the plate into the top of the plate (3" wide x 2 1/2" long



Span 1 Beam 1 - Beam 1 Far Bearing: Up to 100% section loss on the left anchor rod nut



Span 1 Beam 1 - Beam 1 Far Bearing: up to (1-9/16") movement of bearing east beyond masonry plate with 26% loss of bearing



Span 1 Beam 2 - Beam 2 Far Bearing: Up to (3/4") movement of bearing to east beyond masonry plate with 13% loss of bearing.



Span 1 Beam 3 - Beam 3 Far Bearing: Up to (3/4") movement of bearing to east beyond masonry plate with 13% loss in bearing



Span 1 Beam 4 - Beam 4 Far Bearing: Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing



Span 1 Beam 5 - Beam 5 Far Bearing: Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing



Span 1 Beam 7: spall with exposed rebar on the bottom face at 28ft from bent 1 (7 1/2" x 4 1/2" x 1/8")



Span 1 Beam 7 - Beam 7 Far Bearing: Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss of bearing



Span 1 Beam 9 - Beam 9 Near Bearing: corrosion and scale with no measureable section loss on the left anchor rod, nut and plate



Span 1 Beam 9 - Beam 9 Far Bearing: up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing



Span 2 Deck: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar in the right overhang under light pole (27" x 20") DELAMINATION area and (19" x 12" x 2") spall



Span 2 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 11ft from bent 1 (5" x 3" x 1/4")



Span 2 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 22.5ft from bent 1 (10" x 6" x 1/2")



Span 2 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 26ft from bent 1 (10" x 6 1/2" x 1/2")



Span 2 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face starting at 20.5ft from bent 1 up to (10" x 2 1/2" x 1/2")



Span 2 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands at 18in and 30in from bent 2 on the bottom face (7" x 4" x 1 1/2") and (6" x 5" x 1 1/2") respectively, (x1) strand exposed at each location for (1") long (PROMPT ACTION REQUEST)



Span 2 Beam 2: [PROMPT ACTION REQUEST] 14" section of 2 areas of exposed rebar in the bottom face at bent 2 up to (6" x 2")



Span 2 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 18ft from bent 1 up to (6" X 5" X 1/2")



Span 2 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> 10ft section of 10 spalls with exposed rebar up to (6" x 6" x 1/2") on the bottom face starting 2ft from bent 1



Span 3 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (8" x 6" x 1/2") spall with exposed rebar on the bottom face at mid span



Span 3 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 24ft from bent 2 up to (8" x 3" x 1/2")



Span 3 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> area of delamination on the bottom of the girder at 1/3 point, 10" wide x 5" long with 1/8" separation.



Span 3 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 31in from bent 3 (9" x 3" x 1/2")



Span 3 Beam 5: sound patch on the bottom right face at 21" from bent 3, 10" wide x 30" long



Span 3 Beam 5: [PROMPT ACTION REQUEST] (6" x 2" x 1/4") spall with exposed rebar in the bottom right chamfer at bent 3



Span 3 Beam 5: [PROMPT ACTION REQUEST] GIRDER END AT BENT 3, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 8" X 10" X UP TO 1" DEEP]



Span 3 Beam 5 - Beam 5 Near Bearing: LEFT ANCHOR NUT HAS CORROSION WITH APPROXIMATELY 50% SECTION LOSS



Span 3 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> (13" x 5" x 3/4") spall with exposed rebar on the bottom face at 32in from bent 3



Span 4 Deck: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the left overhang at bent 4 (17' x 6" x 3")



Span 4 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> (4" x 3" x 1/4") spall with exposed rebar on the bottom face at 13ft from bent 4



Span 4 Beam 3: (4" x 3" x 1/8") spall with exposed rebar on the bottom face 28ft from bent 3



Span 4 Beam 4: [NEW REPAIR - PATCHING] FORMERLY --> (x8) spalls with exposed rebar on the bottom face starting at 21in from bent 3 up to (7" x 4" x 1/2')



Span 5 Deck: bottom of the deck has a spall in bay 5 at mid-span, 5" long x 9" wide x 3/4" deep with exposed rebar



Span 5 Deck: bottom right overhang at light pole: spall, 16" wide x 24" long x 1.5" deep with exposed rebar with adjacent delaminated area, near mid-span



Span 5 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (8" x 4" x 1/2") spall with exposed rebar on the bottom face at 14ft from bent 4



Span 5 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (x9) spalls with exposed rebar on the bottom face at mid span up to (12" x 2" x 1/2")



Span 5 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> mutiple (x13) spalls with exposed rebar on the bottom face starting at 11ft from bent 5 up to (14" x 2" x 1/4")



Span 5 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at bent 5 up to (9" x 7" x 1")



Span 5 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (6" x 2" x 1/8") spall with exposed rebar on the bottom face at 24ft from bent 4



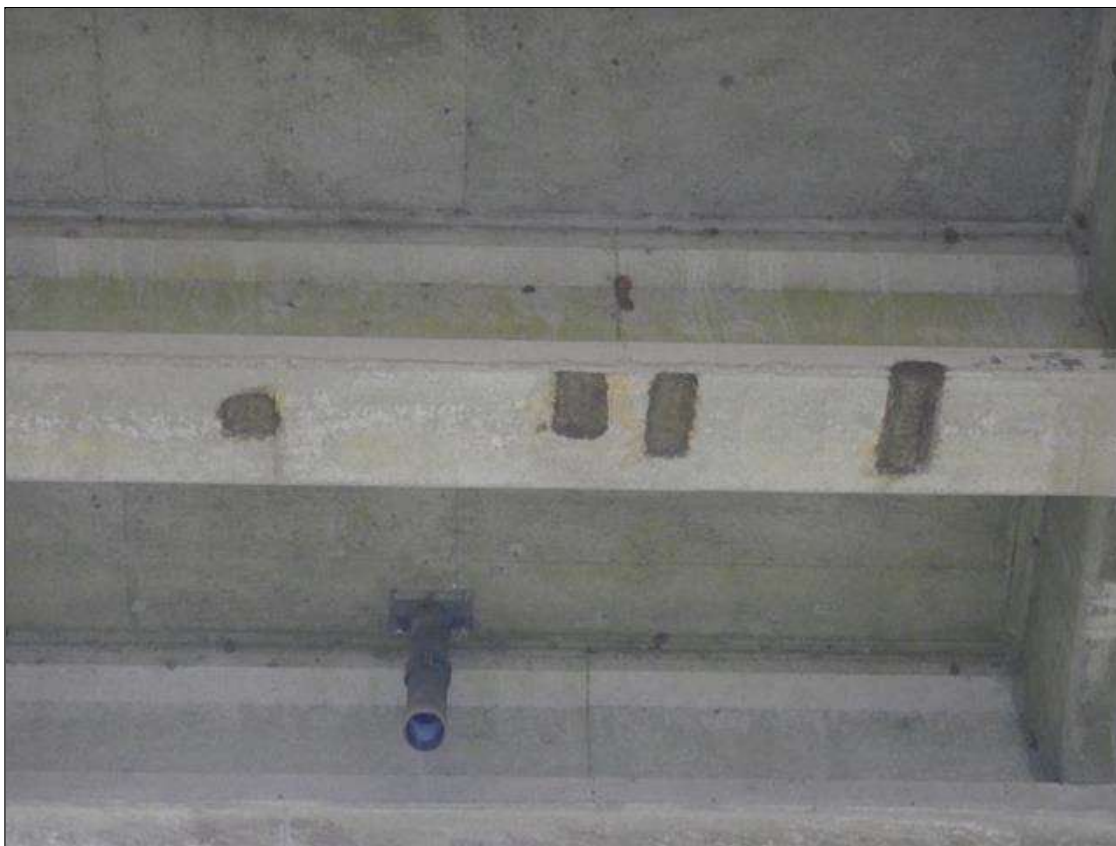
Span 6 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> (4" x 3" x 1/8") spall with exposed rebar on the bottom face at 19ft from bent 6



Span 6 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting at 22ft from bent 5 up to (16" x 5" x 1/2")



Span 6 Beam 5: [NEW REPAIR - PATCHING] FORMERLY --> 36 feet of spalling with exposed rebar on the bottom face starting at 26ft from bent 5 up to (13" x 4" x 1/2")



Span 6 Beam 8: [NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face starting 24.5ft from bent 5 up to (7" x 4" x 1/2")



Span 6 Beam 8: spall on the bottom face, 20 FOOT. from bent 6 cap, 2" in diameter x 1/4" deep with exposed rebar



Span 7 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> area of delamination on the bottom face, 20 FOOT. from bent 7, 8" wide x 12" long with 1/8" separation



Span 8 Deck: [NEW REPAIR - PATCHING] FORMERLY --> (15" x 9") area of (x2) spalls with exposed rebar on the deck bottom in bay 5 at 17.5ft from bent 8 up to (9" x 2")



Span 8 Deck: [NEW REPAIR - PATCHING] FORMERLY --> (20" x 9") area of (x2) spalls with exposed rebar on the deck bottom in bay 4, 15.5ft from bent 8 up to (9" x 4" x 1/2')



Span 8 Beam 1: [PROMPT ACTION REQUEST] (16" x 1") area of exposed rebar in the top left chamfer at bent 8



Span 8 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> (13" x 2 1/2") area of exposed rebar without section loss in the top left chamfer at bent 7



Span 8 Beam 1 - Beam 1 Near Bearing: up to (9/16") movement of bearing to the east beyond the masonry plate with up to 9% bearing loss.



Span 8 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (9" x 7" x 1/2") spall with exposed rebar on the bottom face at 17ft from bent 7



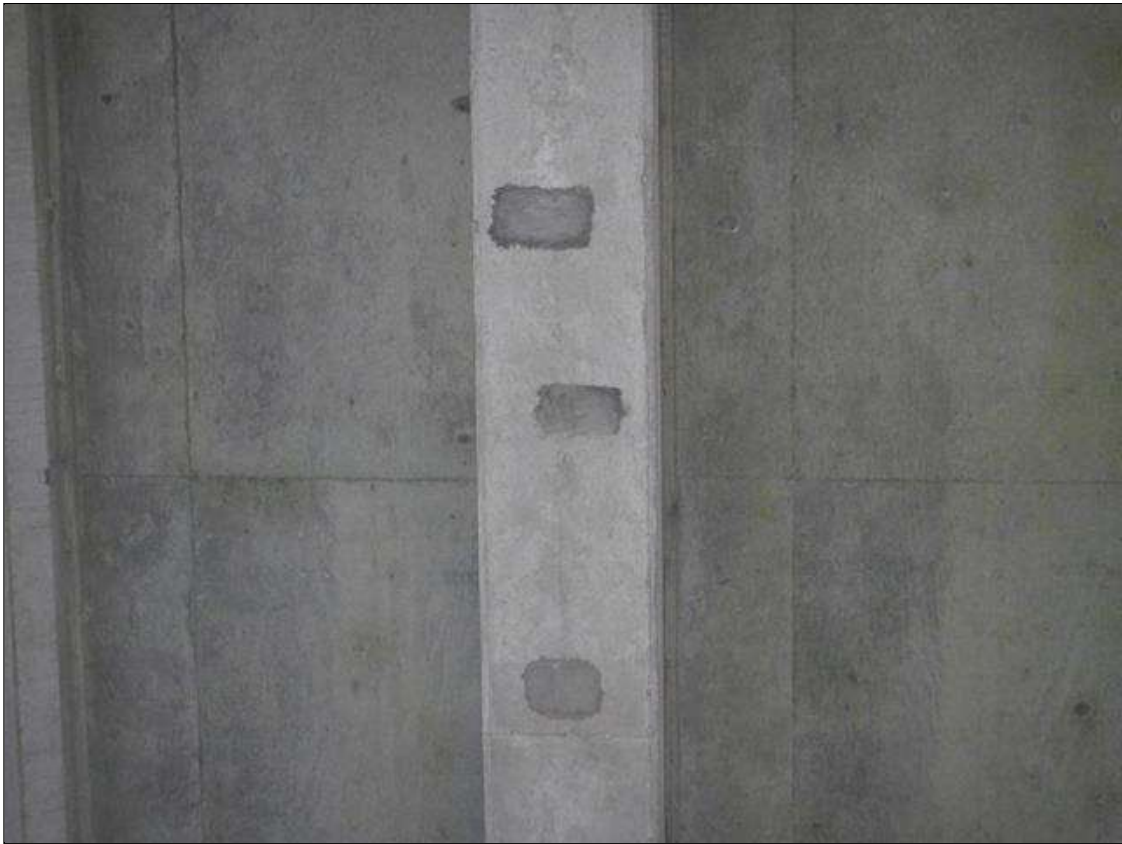
Span 8 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (9" x 7" x 1/2") spall with exposed rebar on the bottom face at 13ft from bent 8



Span 8 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (8" x 5" x 1/2") spall with exposed rebar on the bottom face at 28ft from bent 8



Span 8 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (6" x 6" x 1/4") spall with exposed rebar on the bottom face at 24ft from bent 7



Span 8 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls (6" x 3" x 1/2"), (5" x 5" x 1/2") and (6" x 4" x 1/4") with exposed rebar on the bottom face at 26ft, 23ft and 16ft from bent 8 respectively



Span 8 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> (8" x 5" x 1/2") spall with exposed rebar on the bottom face at 21ft from bent 7



Span 8 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar at mid span on the bottom face up to (8" x 4" x 1/2")



Span 8 Beam 5: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strand on the bottom right face at bent 8 (27" x 20" x 3"), up to 100% section loss of strand for 10in long (PROMPT ACTION REQUEST).



Span 8 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> (7" x 4" x 1/2") spall with exposed rebar on the bottom face at 20ft from bent 7



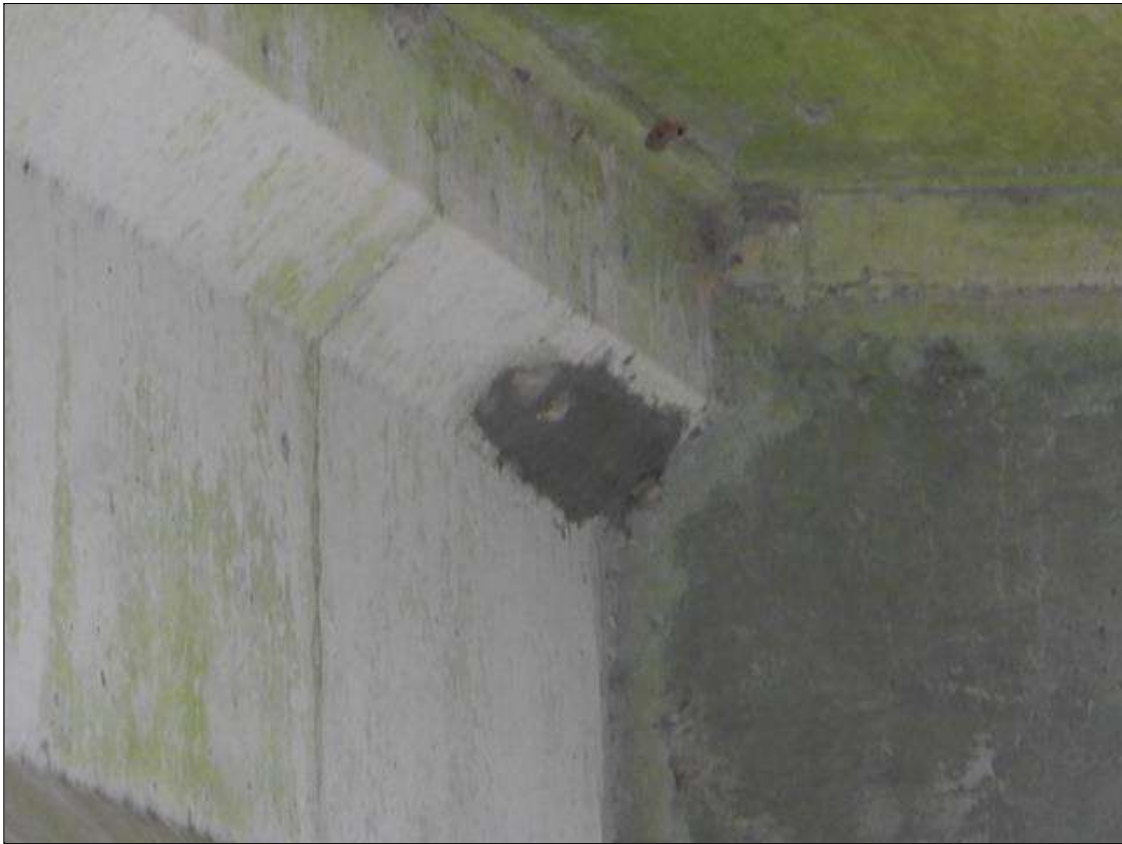
Span 8 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 13ft from bent 7 up to (6" x 3" x 1/4")



Span 8 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> 2ft area of (x3) spalls with exposed rebar on the bottom face at 13ft from bent 7 up to (7" x 3" x 1/4")



Span 9 Beam 1: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (11" x 9" x 1/2")



Span 9 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the top left chamfer at bent 8 up to (10" x 4" x 1/4")



Span 9 Beam 9: (16" x 9") unsound patch with (8" x 7") DELAMINATION area on the bottom face at 17ft from bent 8



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (20" x 20") area of failed repair, DELAMINATION and up to 0.025" longitudinal cracking on the bottom face at 4ft from bent 8



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (14" x 12" x 1/2") spall with exposed rebar on the bottom face at 20ft from bent 9



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 14ft from bent 9 (18" x 7" x 2"), strand exposed for (10") long



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 19ft from bent 8 (24" x 15" x 2"), (x3) strands exposed for (9") long



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom face at 16ft from bent 8 (16" x 13" x 1 1/2"), (x2) strands exposed for (4") long



Span 9 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (5" x 4" x 1/4") spall with exposed rebar on the bottom face at 10ft from bent 8



Span 10 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top left chamfer at bent 10 (24" x 1").



Span 10 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls with exposed rebar on the bottom face at 78in from bent 10 up to (10" x 6" x 1/2")



Span 10 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face beginning at 17ft from bent 10 up to (12" x 2" x 1/4")



Span 10 Beam 3: [NEW REPAIR - PATCHING] FORMERLY --> (4" x 4" x 1/2") spall with exposed rebar on the bottom face at 12ft from bent 10



Span 10 Beam 5: [NEW REPAIR - PATCHING] FORMERLY --> (2 1/2" x 1/2") spall with exposed rebar in the bottom face at 22ft from bent 10



Span 10 Beam 7: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face at 22ft from bent 10 up to (7" x 4" x 1/2")



Span 10 Beam 8: [NEW REPAIR - PATCHING] FORMERLY --> 1ft area of (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (8" x 7" x 1/2")



Span 10 Beam 8: [NEW REPAIR - PATCHING] FORMERLY --> (X3) spalls with exposed rebar on the bottom face at 14ft from bent 9 at failed repairs up to (10" x 6" x 1/2")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (10" x 5" x 1/4") spall with exposed rebar on the bottom face at 25ft from bent 9



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with exposed rebar on the bottom face at mid span up to (12" x 2" x 1/4")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (x4) spoalls with exposed rebar on the bottom face at 14ft from bent 9 up to (9" x 2" x 1/4")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (x5) spalls with exposed rebar on the bottom face at 21.5ft from bent 10 up to (9" x 3 1/2" x 1/4")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strand on the bottom face at 12ft from bent 9 (14" x 6" x 1") in a failed repair with area (18" x 9"), strand exposed for (5")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands on the bottom face starting at 18ft from bent 9 (23" x 9" x 1 1/2") & (14" x 10" x 1") in a failed repair with total area of (60" x 20"), (x4) strands exposed up to (19") long



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (4" x 4" x 1/4") spall with exposed rebar on the bottom face at 11ft from bent 10



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> 1ft area of (x2) spalls with exposed rebar on the bottom face at 7ft from bent 9 up to (5" x 5" x 1/2")



Span 10 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (26" x 1") area of exposed rebar in the top left chamfer at bent 10



Span 11 Beam 2: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the bottom face at 9in from bent 11 (11" x 10" x 1/2")



Span 11 Beam 4: [NEW REPAIR - PATCHING] FORMERLY --> (7" x 6" x 1/2") spall with exposed rebar on the bottom face at 27ft from bent 11



Span 11 Beam 5: [NEW REPAIR - PATCHING] FORMERLY --> (x13) spalls with exposed rebar on the bottom face up to (17" x 5" x 1/2") starting at 16.5ft from bent 11



Span 11 Beam 5: [NEW REPAIR - PATCHING] FORMERLY --> (5" x 5" x 1/2") spall with exposed rebar on the bottom face at 12ft from bent 11



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> (x2) spalls with exposed rebar on the bottom face up to (8" x 7" x 1/2") at 11ft from bent 11



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - (x2) spalls with exposed strands on the bottom face starting at 5in from Bent 11 (8" x 7" x 1") and (7 1/2" x 6 1/2" x 2"), strands exposed for up to (1") long each, cracking up to 0.013" wide at this location for 28" long



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> (16" x 5" x 1") area of DELAMINATION and cracking up to 0.02" wide on the bottom and left faces at 14ft from bent 10



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> multiple spalls with exposed rebar on the bottom face at 18ft from bent 10 up to (16" x 6" x 1/2")



Span 11 Beam 6: ([NEW REPAIR - PATCHING] FORMERLY --> 4" x 4" x 1/2") spall with exposed rebar on the bottom face at bent 10



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> PRIORITY MAINTENANCE - spall with exposed strands on the bottom right face at 12ft from bent 10 (34" x 7" x 2"), strand exposed for 20" long



Span 11 Beam 6: [NEW REPAIR - PATCHING] FORMERLY --> (5" x 4" x 1/2") spall with exposed rebar on the bottom face at 13ft from bent 10



Span 11 Beam 8: [NEW REPAIR - PATCHING] FORMERLY --> (x3) spalls in a 2ft area up to (5" x 5" x 1/2") at 21ft from bent 11



Span 11 Beam 9: [NEW REPAIR - PATCHING] FORMERLY --> (x6) spalls in a 2ft section up to (7" 1/2" x 2 1/2" x 1/4") at 14ft from bent 10



Span 12 Beam 4: Section loss on the bottom right web stiffener at bent 12 (6" x 5") by less than (1/16") into the stiffener and greater than 75% section loss on bottom gusset connection nut



Span 13 Beam 2: corrosion and on the end diaphragm at Bent 13 and pack rust in the gusset plates



Span 13 Beam 6 - Beam 6 Intermediate Bearing 1: LEFT FAR ANCHOR NUT IS NOT TIGHTENED, APPROXIMATELY 3/4" ABOVE THE PLATE.



Span 14 Deck: spall with exposed rebar in bay 7 at 6ft from bent 13 (18" x 4" x 1/4")



Span 14 Deck: spall with exposed rebar on the deck bottom in bay 5 at 30ft from Bent 13 (48" x 4" x 1/2")



Span 14 Deck: (x2) spalls exposed rebar on the deck bottom in bay 4 at 60ft from Bent 13 up to (7" x 4" x 1/2").



Bent 1 Pile 2: (40" x 8") sound patch on the southwest face at the cap, 0.009" wide horizontal cracks observed



End Bent 1 Cap 1: [NEW REPAIR - CONCRETE PLACED] FORMERLY --> PRIORITY MAINTENANCE - undermining of the cap for its full length and up to its full width, fill has been lost from underneath the cap, no obvious fill has been lost from behind the End Bent



End Bent 1 Cap 1: horizontal cracking on the front and right faces up to (1/4") wide (2.5ft on each face)



Bent 4 Cap 1: [NEW REPAIR - PATCHING] FORMERLY --> spall with exposed rebar on the east face under girder 3 (16" x 6" x 1")



Bent 5 Cap 1: spall with exposed rebar on the bottom face under the left overhang (10" x 8" x 2")



Bent 8 Cap 1: [PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5', AND THE WEST APPROXIMATELY 1.5'.



Bent 8 Cap 1: [PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5', AND THE WEST APPROXIMATELY 1.5'.



Span 16 Beam 1: PRIORITY MAINTENANCE - Bracket 2 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut on the bottom plate on the east face and up to 100% section loss on (x2) nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the west face; section loss in the web (9" x 4") by up to (1/16") into the web on both sides of the bracket (PROMPT ACTION REQUEST)



Span 16 Beam 1: [NEW REPAIR - NUTS REPLACED] FORMERLY --> PRIORITY MAINTENANCE - Bracket 1 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 100% section loss on (x2) nut on the bottom plate on both faces; active corrosion with no measureable section loss web on both faces (PROMPT ACTION REQUEST)



Span 16 Beam 1: [PROMPT ACTION REQUEST] BRACE BEAM 2 AT STRINGER 3 AT THE WESTBOUND PARKING AREA ON THE TOP FLANGE, SECTION LOSS [AVERAGE 1/2" REMAINING] IN A 2" X 2" AREA ON BOTH SIDES OF THE FLANGE.



Span 16 Beam 4: [PROMPT ACTION REQUEST] 5/16" section loss on end diaphragm gusset in the right web at bent 15 due to previous rust. (3" x 3") with (1/16") remaining, section loss on 3 nuts up to 60%. area has been cleaned and repainted. section loss in more than 25% of the gusset plate thickness



Span 16 Beam 5: [PROMPT ACTION REQUEST] - bottom left web stiffener and platform connection at bent 15: up to 100% section loss on platform nut on the bottom flange; active corrosion on the stiffener, web, flange and diaphragm gusset with no measureable section loss



Span 16 Beam 8: [PROMPT ACTION REQUEST] Brace Beam 1 at EB Parking Area angle at bottom of railing, section loss on plate up to (1/16") into the angle and 100% section loss on (x2) nuts



Span 16 Beam 5 - Beam 5 Near Bearing: Section loss in the top plate (18" x 1" x 1/16" into the plate)



Span 26 Beam 1: [PROMPT ACTION REQUEST] West brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place.



Span 21 Deck: (x2) spalls with no exposed steel on the deck bottom in bay 1 at bent 18 up to (30" x 4" x 1").



Span 21 Beam 1 - Beam 1 Near Bearing: SCATTERED SURFACE CORROSION



Span 21 Beam 3: REPAIR observed in 2020 insp: areas have been cleaned and repainted, 2018 report had Corrosion and scale on the top flange at Bent 18 with no measureable section loss.



Span 21 Beam 6 - Beam 6 Near Bearing: REPAINTED



Span 22 Deck: spall with no exposed steel on the deck bottom at bent 20 in bay 1 (7.5ft x 3" x 3").



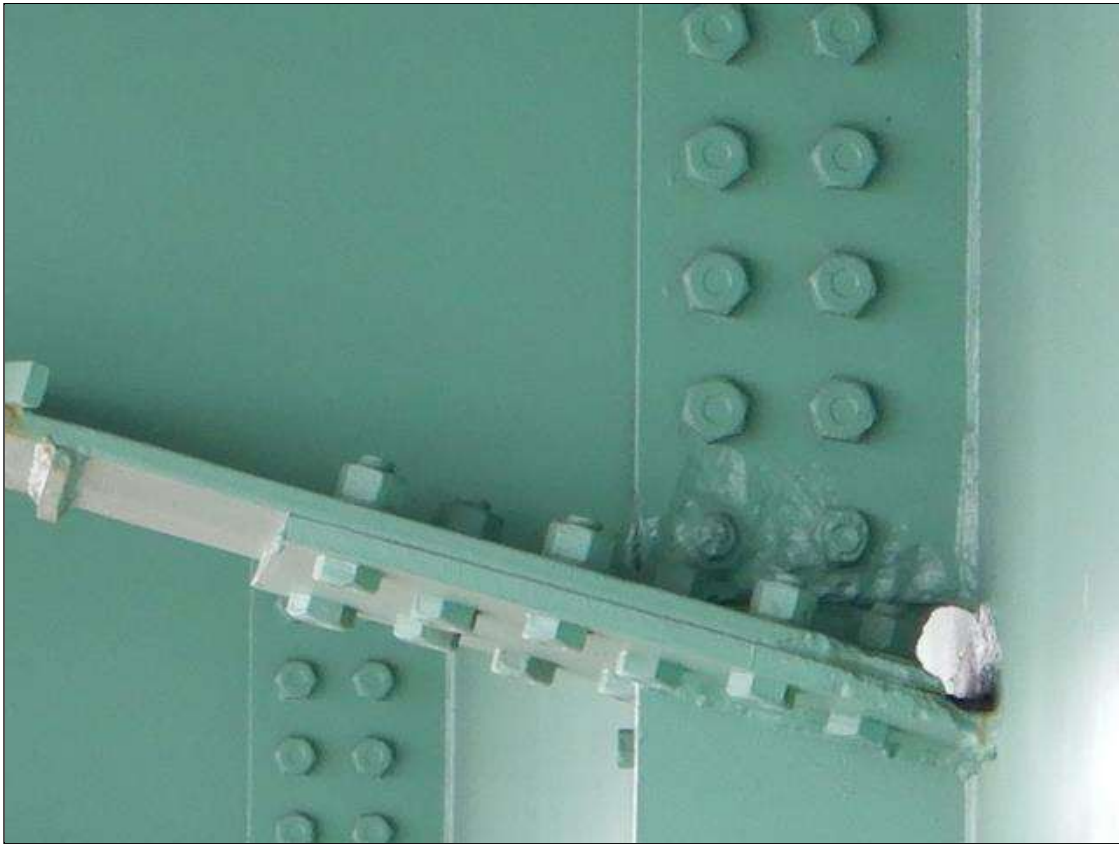
Span 21 Deck: spall with no exposed steel at deck drain on the right overhang at bent 19 (14" x 12" x 1 1/2")



Span 23 Beam 7: Bent 21, bent daphragm attachment at the right side of beam 7, bottom nut is missing



RIGHT AND LEFT GUTTERLINES, DEBRIS ACCUMULATION ALONG THE LENGTHS



Span 20 Beam 1: PRIORITY MAINTENANCE - Bracket 4 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on (x3) nuts on the bottom flange; up to 75% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3") by up to (1/16") into the web; section loss on the bottom of the web plate (8" x 3") by (1/16") into the plate (PROMPT ACTION REQUEST)



Span 20 Beam 1: PRIORITY MAINTENANCE - "nailer" beam on top of stringer 3 between brace 3 and 4 on the top flange: active corrosion and section loss with (11/32") remaining for the full length and width of the top flange (PROMPT ACTION REQUEST)



Span 20 Beam 1: surface corrosion and with pack rust between members of the platform attached to the beams at the west face of bent 18



Span 20 Beam 1: surface corrosion and with pack rust between members of the platform attached to the beams at the west face of bent 18



Span 16 Beam 8: Surface corrosion and with pack rust between members of the platform attached to the beams at the east face of bent 15.



Span 16 Beam 8: Surface corrosion and with pack rust between members of the platform attached to the beams at the east face of bent 15.



Span 19 Deck: [NEW REPAIR- PATCHING] FORMERLY --> PRIORITY MAINTENANCE - large spall with exposed rebar on the deck bottom between stringer 5 and 6 (16ft x 8ft x 2in)



ALONG THE RIGHT & LEFT GUTTERLINES, THE DRAINAGE SYSTEM INLETS ARE IMPACTED WITH DEBRIS IN SCATTERED LOCATIONS.



ALONG THE RIGHT & LEFT GUTTERLINES, THE DRAINAGE SYSTEM INLETS ARE IMPACTED WITH DEBRIS IN SCATTERED LOCATIONS.



Span 18 Lift Span Left Bridge Rail: IMPACT DAMAGE/SCRAPES ON LEFT CURB WITH ASSOCIATED SURFACE CORROSION.



Bent 16 - Lift Span Bent Cap 1: cracking up to (1/8") wide on the top face at the southwest corner



Bent 16 - Lift Span Bent Pile 1: VERTICAL AND MAP CRACKING UP TO 1/16" OPEN WITH EFFLORESCENCE ON EAST FACE.



Bent 16 - Lift Span Bent Pile 1: HAIRLINE TO 1/16" WIDE CRACKING WIDE/ EFFLORESCENCE SCATTERED THROUGHOUT 25% OF ALL FACES



Bent 16 - Lift Span Bent Footing: BROKEN BOARD 5' HIGH NEAR CENTERLINE OF EAST FACE IN TIMBER SHEETING BUFFER.



Bent 16 - Lift Span Bent Footing: WEST FACE: STEEL SHEETING HAS SURFACE LOSS OF SECTION UP TO 3/16" IN TIDAL ZONE 5' HIGH.



Bent 16 - Lift Span Bent Footing: EAST FACE: TIMBER SHEETING BUFFER BOARDS ARE DECAYED 6' HIGH X UP TO 2" DEEP ALONG TIDAL ZONE.



Bent 16 - Lift Span Bent Footing: broken and decayed timber at the bottom of the northwest corner (similar throughout)



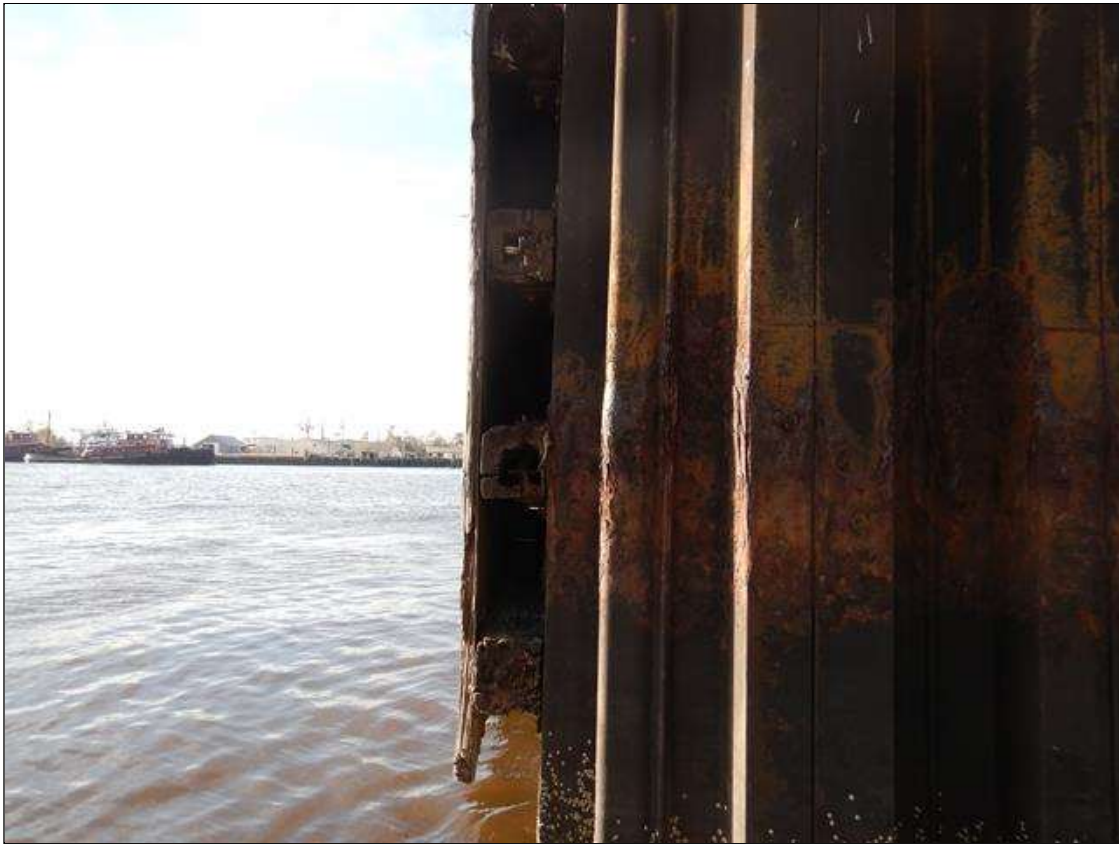
Bent 17 - Lift Span Bent Cap 1: DELAMINATION and spall with exposed rebar on the bottom face of the west arch (24" x 36" x 1 1/2")



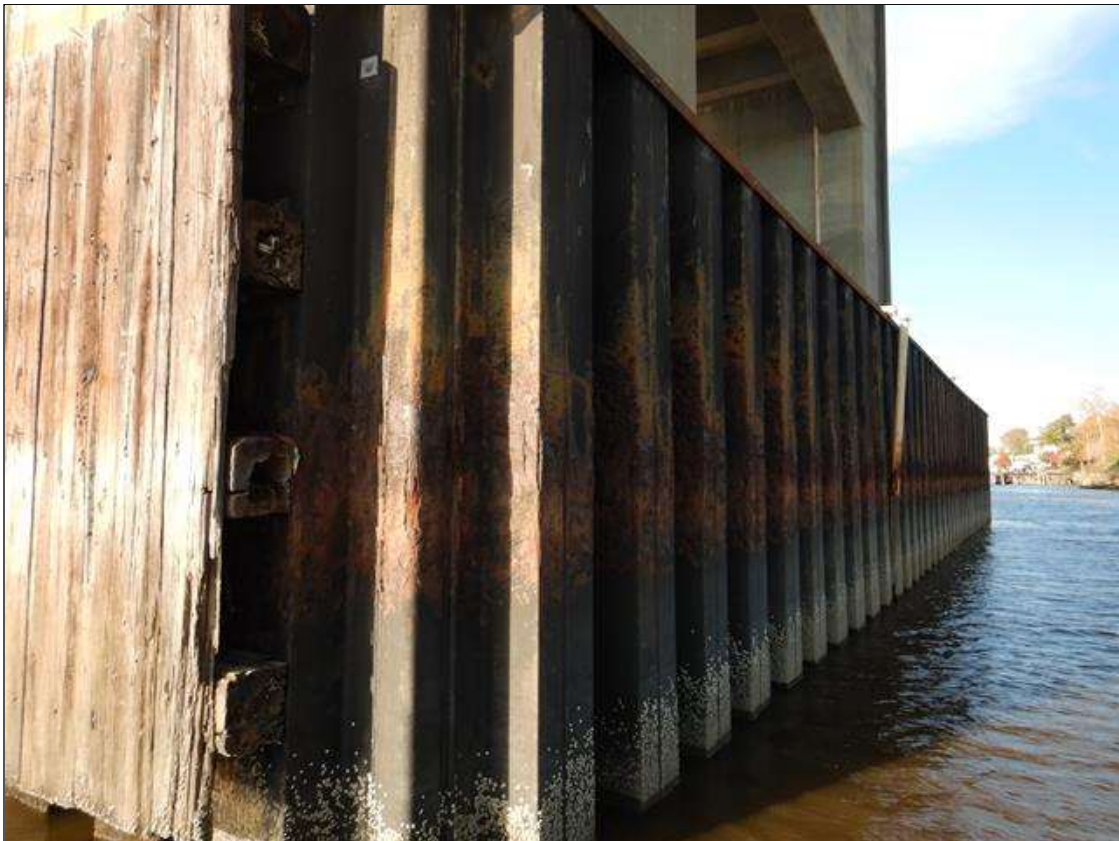
Bent 17 - Lift Span Bent Footing: TIMBER SHEETING BUFFER BOARD IS BROKEN AND MISSING NEAR CENTERLINE ON WEST FACE.



Bent 17 - Lift Span Bent Footing: (5) TIMBER SHEETING BUFFER BOARDS ARE DECAYED/BROKEN ON NORTHWEST SIDE WITH SECTION MISSING.



Bent 17 - Lift Span Bent Footing: TIMBER BUFFER WHALERS ARE DECAYED UP TO 2' DEEP ON ENDS AT SOUTH SIDE.



Bent 17 - Lift Span Bent Footing: sheet piling has corrosion and scale at the wave line for the full length, corrosion has section loss up to 100% at various locations



Span 16 Right Bridge Rail: [PROMPT ACTION REQUEST] AT THE PARKING AREA, THE TOP RAIL AT THE WEST END HAS CORROSION HOLES IN THE TOP AND SIDE AT THE CORNER UP TO 5" WIDE X 4" LONG IN THE TOP AND UP TO 3" DIAMETER ON THE SIDES



Bent 23 Pile 1: surface efflorescence for 30 square feet



Bent 23 Pile 1: SCATTERED THROUGHOUT THE COLUMN, VERTICAL & MAP CRACKING TO 1/4" WIDE. THIS CRACKING CROSSES THE TOP OF THE COLUMN UNDER THE BEARING AREA.



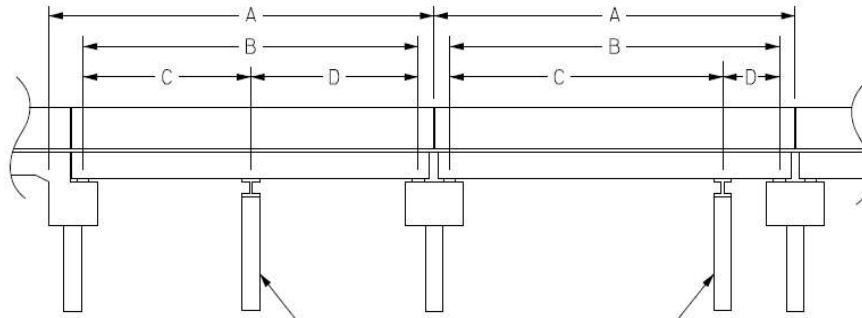
Bent 23 Pile 1: SCATTERED THROUGHOUT THE COLUMN, VERTICAL & MAP CRACKING TO 1/4" WIDE. THIS CRACKING CROSSES THE TOP OF THE COLUMN UNDER THE BEARING AREA.

Structure Data Worksheet

Span Profile

County: **NEW
HANOVER**

Structure Number: **640013**



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

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	69.960	66.420			
2	68.000	66.420			
3	68.000	66.420			
4	68.000	66.420			
5	68.000	66.420			
6	68.000	66.420			
7	60.500	58.900			
8	68.000	66.390			
9	60.500	58.900			
10	68.000	66.420			
11	68.000	66.420			
12	99.000	96.500			
13	124.000	122.500			
14	123.000	123.000			
15	124.000	122.500			
16	137.250	133.500			
17	30.750	26.000			
18	413.000	408.000			
19	30.750	26.000			
20	137.250	133.500			
21	136.000	134.000			

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
22	136.000	134.000			
23	136.000	134.000			
24	81.500	78.470			
25	84.000	79.940			
26	84.000	80.970			
27	68.000	66.420			
28	68.000	66.420			
29	77.500	75.460			
30	77.500	75.310			
31	95.000	92.700			
32	42.400	38.060			
33	60.000	58.420			
34	60.000	58.420			
35	61.960	58.420			

Structure Number: 640013

Span: 8

Route Name: SR1300



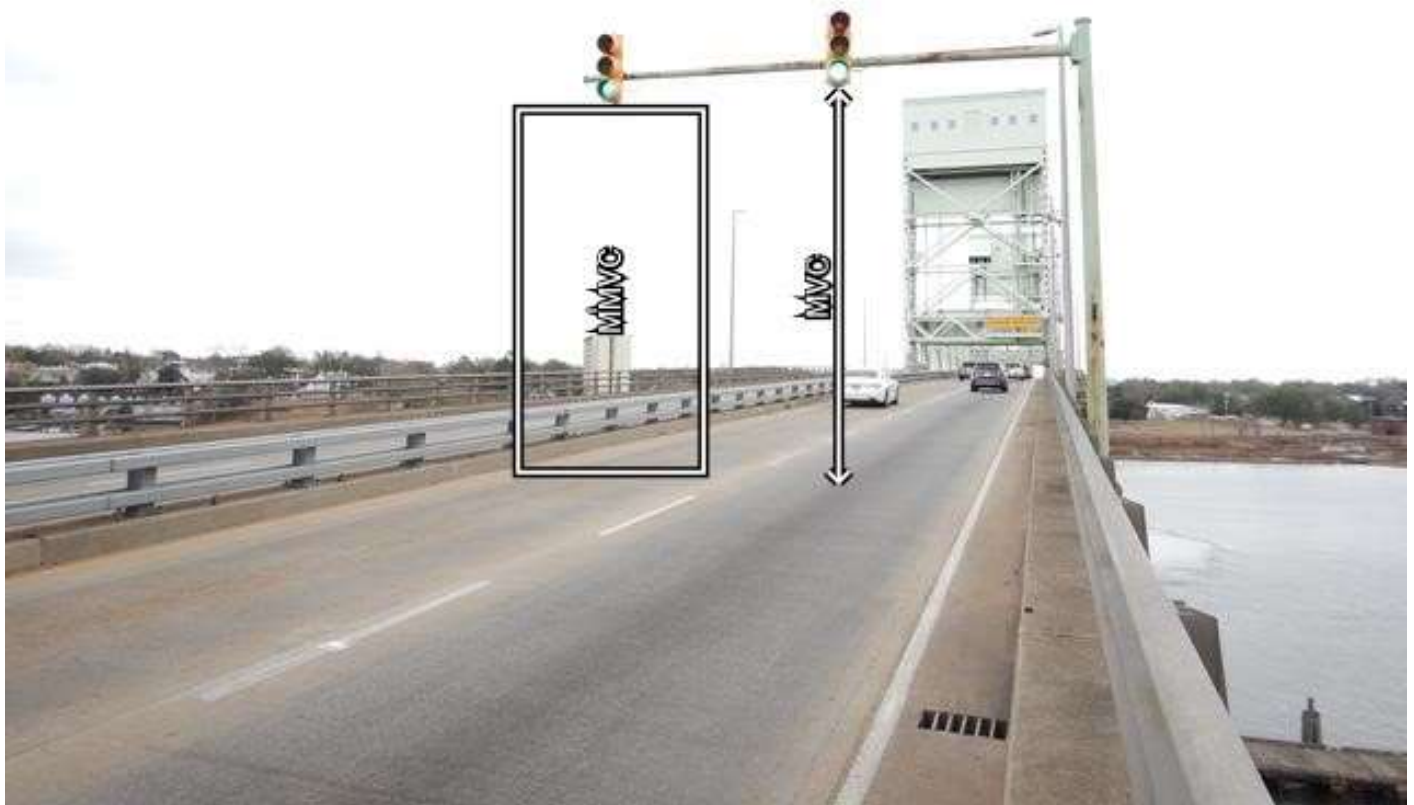
SPAN 8, LOOKING NORTH [SR1300]

Route Number: 31013000		Route Name: SR1300		Reference Feature: H	
Minimum Vertical Clearance 39.000 feet		Maximum Minimum Vertical Clearance 39.330 feet			
Total Horizontal Clearance 61.500 feet		Lateral Clearances: Left: 36.750 feet Right 7.750 feet			
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number			
Milepost: 0.000	Number of Lanes: 2	ADT: 100	Year of ADT: 2010	Percentage of Trucks: 7	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator		
Functional Classification 19 Local Other		Direction of Traffic: 2 2 - way traffic			

Structure Number: 640013

Span: 13

Route Name: US76E/US17N



SPAN 13 RIGHT SIDE, TRAFFIC SIGNAL

Route Number: 22000002		Route Name: US76E/US17N		Reference Feature: H	
Minimum Vertical Clearance 18.830 feet		Maximum Minimum Vertical Clearance 19.083 feet			
Total Horizontal Clearance 27.000 feet		Lateral Clearances: Left: 1.000 feet Right 2.000 feet			
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number			
Milepost: 0.000	Number of Lanes: 2	ADT:	Year of ADT:	Percentage of Trucks: 0	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator		
Functional Classification 12		Local Principal Arterial - Other	Direction of Traffic: 1	1 - way traffic	

Structure Number: 640013

Span: 18

Route Name: US76E/US17N/US421S



LIFT SPAN WEST PORTAL, EASTBOUND LANES

Route Number: 22000002		Route Name: US76E/US17N/US421S			Reference Feature: H	
Minimum Vertical Clearance 16.000 feet		Maximum Minimum Vertical Clearance 16.000 feet				
Total Horizontal Clearance 27.000 feet		Lateral Clearances: Left: 1.000 feet Right 2.000 feet				
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number				
Milepost: 0.000	Number of Lanes: 2		ADT:	Year of ADT:	Percentage of Trucks: 0	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator			
Functional Classification 12		Local Principal Arterial - Other		Direction of Traffic: 1 1 - way traffic		

Structure Number: 640013

Span: 18

Route Name: US76W/US17S/US421N



LIFT SPAN EAST PORTAL, WESTBOUND LANES

Route Number: 22000004		Route Name: US76W/US17S/US421N			Reference Feature: H	
Minimum Vertical Clearance 16.000 feet		Maximum Minimum Vertical Clearance 16.000 feet				
Total Horizontal Clearance 27.000 feet		Lateral Clearances: Left: 1.000 feet Right 2.000 feet				
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number				
Milepost: 0.000	Number of Lanes: 2		ADT:	Year of ADT:	Percentage of Trucks: 0	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator			
Functional Classification 12		Local Principal Arterial - Other		Direction of Traffic: 1		1 - way traffic

Structure Number: 640013

Span: 23

Route Name: US76W/US17S



SPAN 23 LEFT SIDE, TRAFFIC SIGNAL

Route Number: 22000004		Route Name: US76W/US17S		Reference Feature: H	
Minimum Vertical Clearance 19.600 feet		Maximum Minimum Vertical Clearance 99.000 feet			
Total Horizontal Clearance 33.000 feet		Lateral Clearances: Left: 1.000 feet Right 8.000 feet			
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number			
Milepost: 0.000	Number of Lanes: 2	ADT: 100	Year of ADT: 2015	Percentage of Trucks: 7	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator		
Functional Classification 12		Local Principal Arterial - Other		Direction of Traffic: 1 1 - way traffic	

Structure Number: 640013

Span: 24

Route Name: QUEEN STREET [BENT 22]



BENT 22, LOOKING EAST

Route Number: 55000004		Route Name: QUEEN STREET [BENT 22]		Reference Feature: H	
Minimum Vertical Clearance 25.800 feet		Maximum Minimum Vertical Clearance 26.170 feet			
Total Horizontal Clearance 69.000 feet		Lateral Clearances: Left: 22.830 feet Right 12.670 feet			
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number			
Milepost: 0.000	Number of Lanes: 2	ADT:	Year of ADT:	Percentage of Trucks: 0	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator		
Functional Classification 19 Local Other		Direction of Traffic: 2 2 - way traffic			

Structure Number: 640013

Span: 25

Route Name: SURRY STREET



SPAN 25, LOOKING NORTH [SURRY STREET]

Route Number: 51000000		Route Name: SURRY STREET			Reference Feature: H	
Minimum Vertical Clearance 33.420 feet		Maximum Minimum Vertical Clearance 33.830 feet				
Total Horizontal Clearance 35.840 feet		Lateral Clearances: Left: 1.420 feet Right 1.420 feet				
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number				
Milepost: 0.000	Number of Lanes: 2		ADT: 100	Year of ADT: 2010	Percentage of Trucks: 7	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator			
Functional Classification 19 Local Other			Direction of Traffic: 2 2 - way traffic			

Structure Number: 640013

Span: 26

Route Name: QUEEN STREET [BENT 23]



BENT 23, LOOKING EAST [QUEEN STREET]

Route Number: 55000004		Route Name: QUEEN STREET [BENT 23]			Reference Feature: H	
Minimum Vertical Clearance 23.920 feet		Maximum Minimum Vertical Clearance 24.080 feet				
Total Horizontal Clearance 37.420 feet		Lateral Clearances: Left: 1.420 feet Right 1.420 feet				
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number				
Milepost: 0.000	Number of Lanes: 2		ADT:	Year of ADT:		Percentage of Trucks: 0
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator			
Functional Classification 19 Local Other			Direction of Traffic: 2 2 - way traffic			

Structure Number: 640013

Span: 31

Route Name: FRONT STREET



SPAN 31 [FRONT STREET], LOOKING NORTH

Route Number: 51000000		Route Name: FRONT STREET		Reference Feature: H	
Minimum Vertical Clearance 16.250 feet		Maximum Minimum Vertical Clearance 17.450 feet			
Total Horizontal Clearance 63.160 feet		Lateral Clearances: Left: 8.000 feet Right 1.830 feet			
<input type="checkbox"/> Base Highway Network		LRS Inventory Route, Sub Route Number 0			
Milepost: 0.000	Number of Lanes: 3	ADT: 12500	Year of ADT: 2019	Percentage of Trucks: 8	
<input type="checkbox"/> National Highway System			<input type="checkbox"/> STRAHNET Highway Designator		
Functional Classification 17 Local Collector		Direction of Traffic: 2 2 - way traffic			



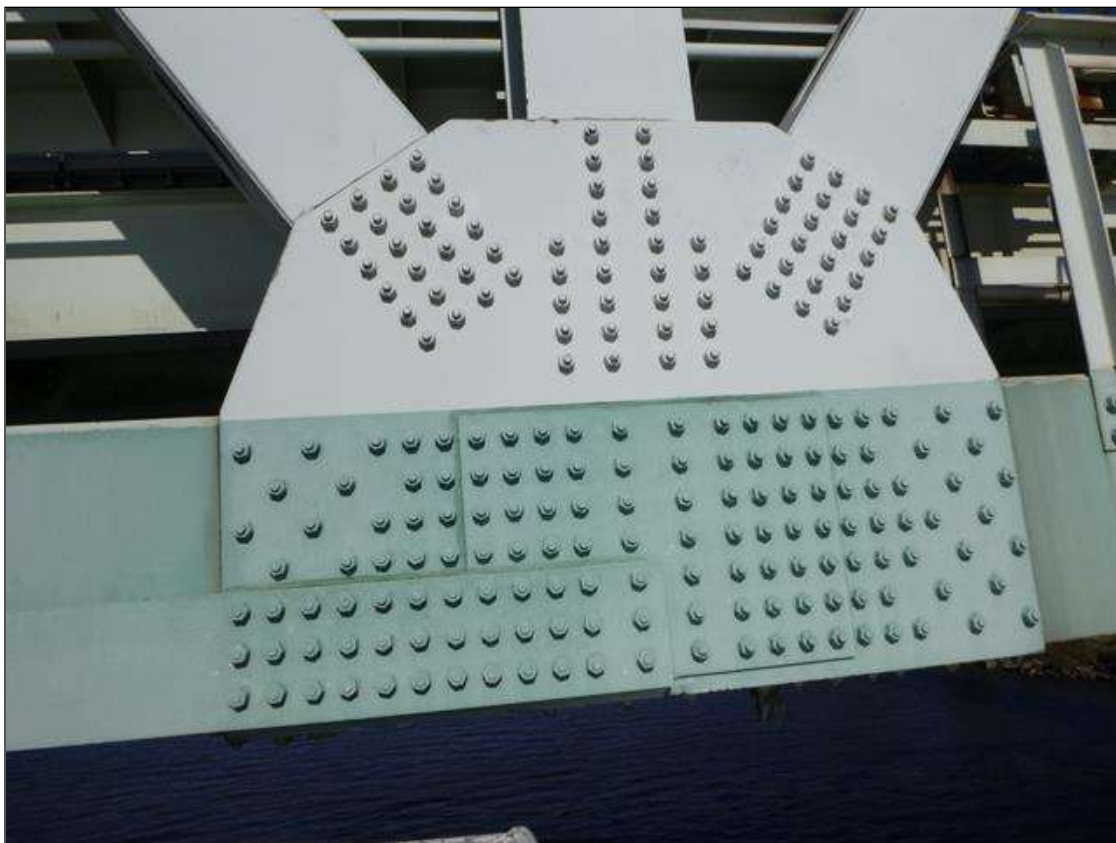
SOUTH TRUSS BEARING AT BENT 16, NORTH TRUSS BEARING SIMILAR



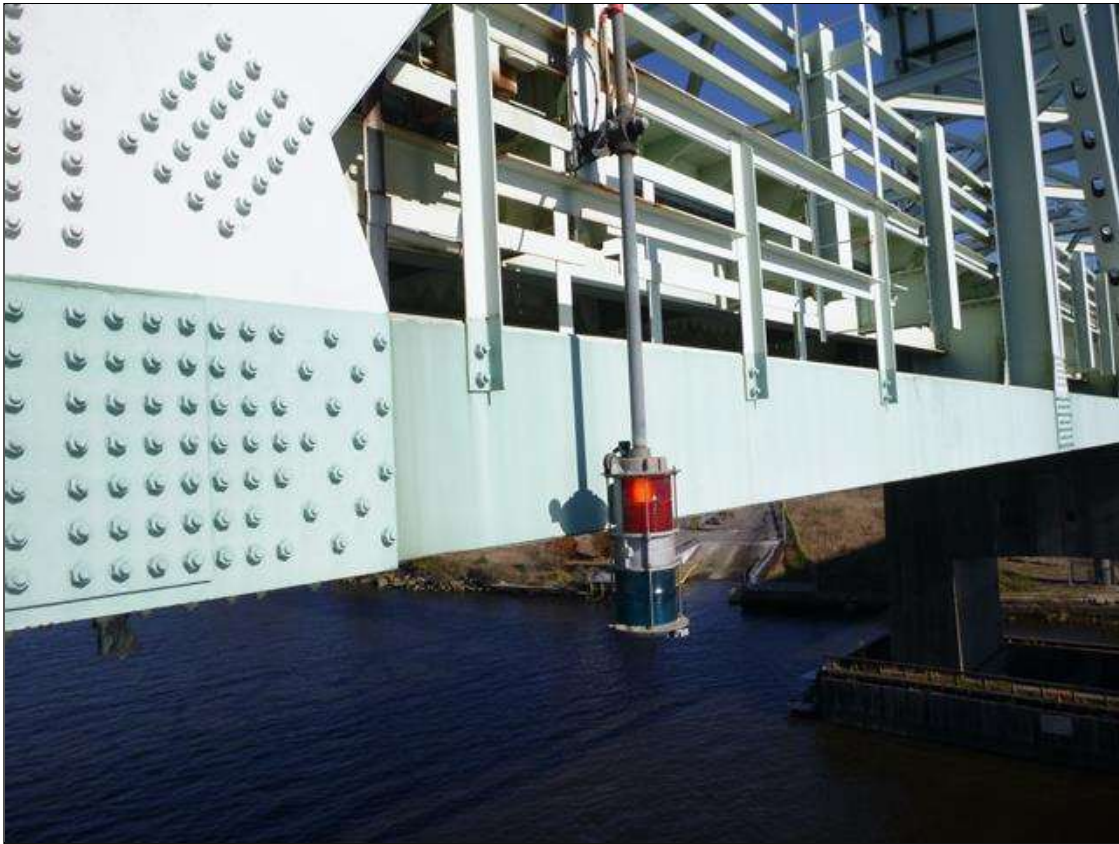
BRIDGE LOCK AT FLOORBEAM 0



BRIDGE GUIDE AT FLOORBEAM 0



L6 SOUTH SIDE



NAVIGATION LIGHT SOUTH SIDE



FLOOR BEAM 5 EAST FACE



FLOOR BEAM 5 CENTER GUSSET PLATE



STRINGER TO FLOORBEAM CONNECTION



FLOOR BEAM LATERAL BRACING



L4 SOUTH SIDE



RAMP ABUTMENT, LOOKING EAST



BENT 31, LOOKING EAST [BENT 30 SIMILAR]



BENT 26, LOOKING WEST



BENT 27, LOOKING WEST



BENT 29, LOOKING WEST



BENT 28, LOOKING EAST



ABUTMENT 2, LOOKING EAST



SPAN 32 GIRDER 1 FAR BEARING [SIMILAR AT THE NEAR END, AND SPAN 32 GIRDER 12 NEAR AND FAR ENDS]



SPAN 32 GIRDER 6 FAR BEARING [SIMILAR FOR ALL SPAN 32 NEAR AND FAR BEARINGS FROM GIRDERS 2-11]



GIRDERS 5 BEARINGS AT BENT 31 [SIMILAR FOR ALL BEARINGS AT BENT 31, BENT 30, AND BENT 26 ON THE SPAN 33 SIDE]



SPAN 31 [FRONT STREET], LOOKING NORTH



SPAN 31 [FRONT STREET], LOOKING SOUTH



SPAN 31, LOOKING EAST [SPAN 32 SIMILAR]



SPAN 35 GIRDER 1 FAR BEARING [TYPICAL BEARING AT THE RAMP ABUTMENT]



SPAN 35, LOOKING EAST [SPANS 33 AND 34 SIMILAR]



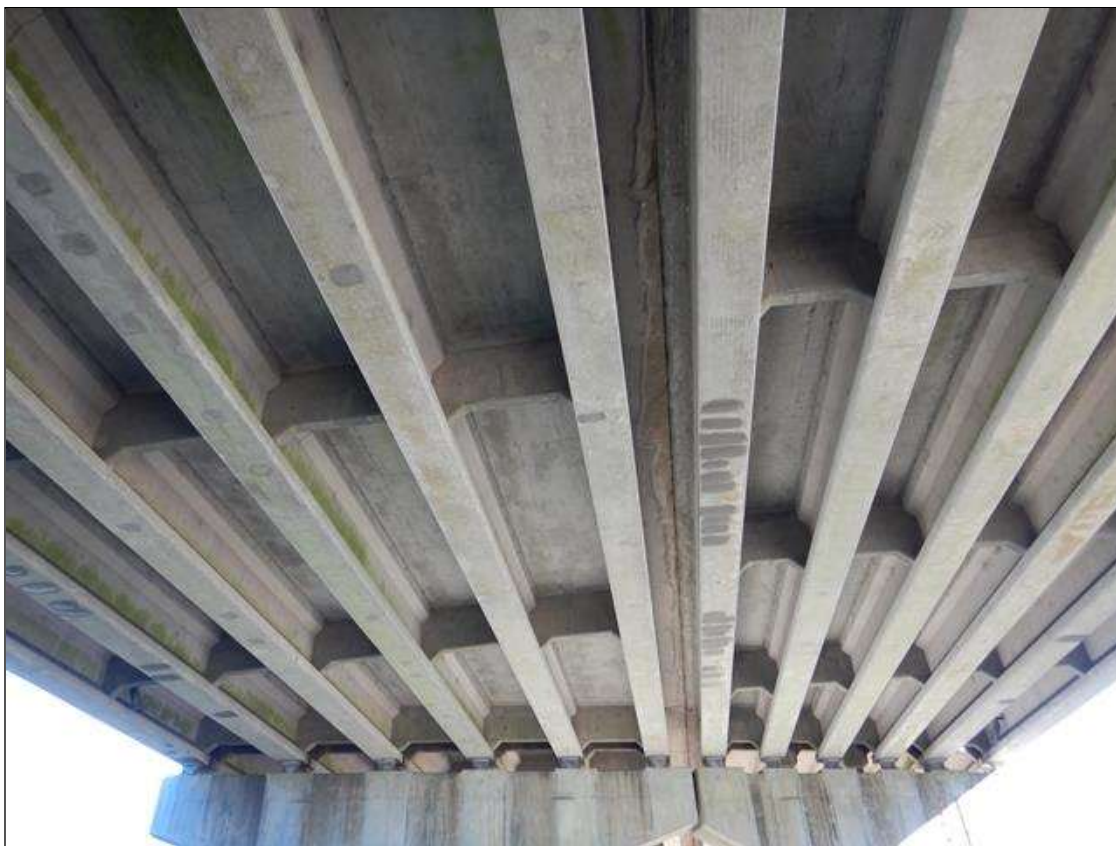
AT BENT 28, SPAN 30 GIRDER 10 FAR BEARING AND SPAN 31 GIRDER 11 NEAR BEARING [TYPICAL BEARINGS AT BENT 28, BENT 29, BENT 27, AND BENT 26 SPAN 29 SIDE]



GIRDERS 8 BEARINGS AT BENT 25 [SIMILAR AT SPAN 28 FAR BEARINGS AND SPAN 27 NEAR BEARINGS]



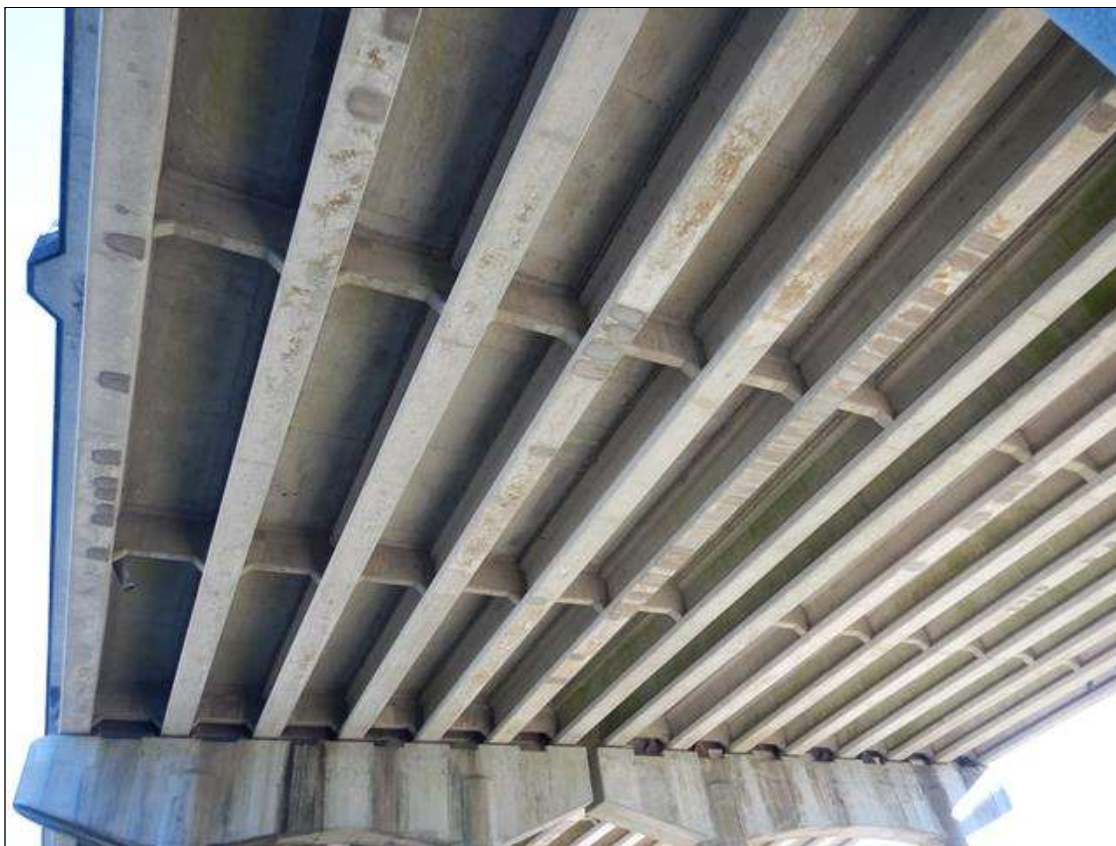
SPAN 30, LOOKING EAST



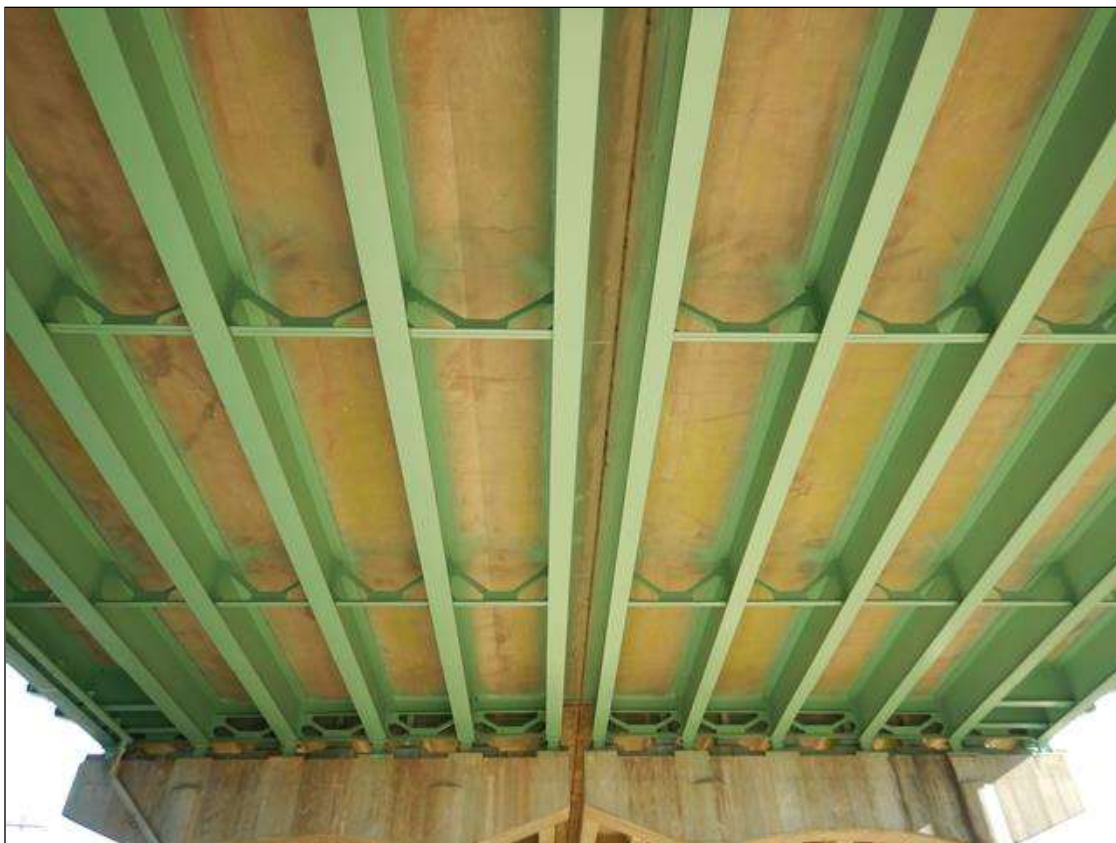
SPAN 29, LOOKING EAST



SPAN 28, LOOKING EAST



SPAN 27, LOOKING EAST



SPAN 26, LOOKING EAST [SPANS 24 & 25 SIMILAR]



BENT 25, LOOKING WEST [BENT 21 & BENT 24 SIMILAR]



BENT 23, LOOKING WEST



BENT 22, LOOKING WEST



SPAN 23, LOOKING EAST



SPAN 22, LOOKING EAST [SPANS 20 & 21 SIMILAR]



BENT 20, LOOKING WEST [BENTS 18 & 19 SIMILAR]



SPAN 25, LOOKING NORTH [SURRY STREET]



SPAN 25, LOOKING SOUTH [SURRY STREET]



SPAN 26, LOOKING EAST



SPAN 26, LOOKING WEST



BENT 23, LOOKING WEST [QUEEN STREET]



BENT 22, LOOKING WEST



BENT 23, LOOKING EAST [QUEEN STREET]



BENT 22, LOOKING EAST



SPAN 24, LOOKING EAST



SPAN 24, LOOKING WEST



SOUTH TRUSS BEARING AT BENT 17, NORTH TRUSS BEARING SIMILAR



RAMP ABUTMENT NORTHEAST CORNER, GUARDRAIL TRANSITION AND CONNECTION [RAMP ABUTMENT SOUTHEAST CORNER SIMILAR]



RAMP ABUTMENT SOUTHEAST CORNER GUARDRAIL END [RAMP ABUTMENT NORTHEAST CORNER SIMILAR]



RAMP ABUTMENT APPROACH, LOOKING WEST



FROM THE RAMP ABUTMENT, LOOKING EAST



JOINT AT ABUTMENT 2



SPAN 35 EPOXY OVERLAY WEARING SURFACE [SPANS 33 & 34 SIMILAR]



JOINT AT BENT 31 [SIMILAR AT BENT 30 & BENT 26 ON THE RAMP]



FROM THE RAMP EXIT, LOOKING WEST



AT THE RAMP EXIT FROM THE DECK, IMPACT ATTENUATOR



RAMP APPROACH, LOOKING EAST



SPAN 32 EPOXY OVERLAY [ALL SPANS SIMILAR EXCEPT THE LIFT SPAN XXXXXXXXXXXXXXXXXXXX



FROM ABUTMENT 2 EASTBOUND LANES, LOOKING EAST



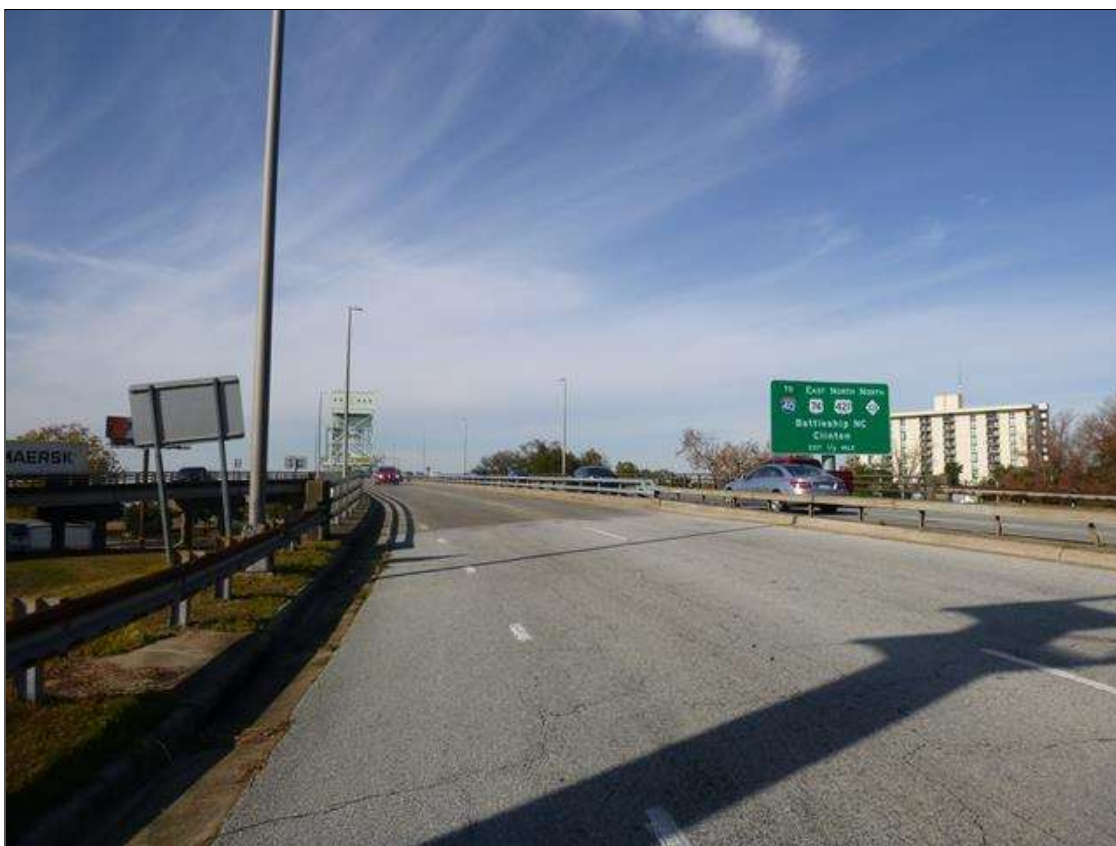
AT ABUTMENT 2, MEDIAN RAIL TRANSITION



AT SPAN 31, LOOKING SOUTH AT FRONT STREET



JOINT AT ABUTMENT 2



EAST APPROACH, EASTBOUND LANES, LOOKING WEST



THE MEDIAN RAIL AT THE EAST APPROACH TRANSITIONS TO GUARDRAIL AT AN UNPAVED ISLAND



SOUTHEAST CORNER, GUARDRAIL TRANSITION AND CONNECTION



SOUTHEAST CORNER, GUARDRAIL END



EAST APPROACH, WESTBOUND LANES, LOOKING WEST



NORTHEAST CORNER, GUARDRAIL TRANSITION AND CONNECTION



NORTHEAST CORNER, GUARDRAIL END



EAST APPROACH, RAMP LANE, LOOKING WEST



NORTHEAST CORNER, DATA PLATE



AT SPAN 31, LOOKING NORTH AT FRONT STREET



FROM ABUTMENT 2 WESTBOUND LANES, LOOKING EAST



NORTHEAST CORNER GUARDRAIL, IMPACT DAMAGE WITH POSTS DEFLECTED UP TO 6" AT THE TOP
[APPROXIMATELY 10' LONG]



NORTH NAVIGATION LIGHT



SPAN 8, LOOKING SOUTH [SR1300]



SPAN 8, LOOKING NORTH [SR1300]



SAFETY BOAT USED



WEST TOWER, SOUTH CABLE BANK



SOUTH TRUSS U3



LB3, LOOKING WEST LB5, LB7 AND LB9 SIMILAR



SOUTH TRUSS U5



UTILITIES ALONG TOP CHORD SOUTH TRUSS



GIRDERS 4 BEARINGS AT BENT 18, TYPICAL BEARINGS AT BENT 18 [SIMILAR AT BENT 19 & BENT 20]



SPAN 20 BAY 3, A 4" STEEL PIPE HANGS FROM STEEL SUPPORTS, FULL SPAN LENGTH



SPAN 20 BAY 6, A 3" INSULATED STEEL PIPE HANGS FROM STEEL SUPPORTS, FULL SPAN LENGTH



SPAN 20 BAY 2, (3) UP TO 4" DIAMETER STEEL CONDUITS HANG FROM STEEL SUPPORTS, FULL SPAN LENGTH



SPAN 20, A STEEL CATWALK HANGS FROM GIRDERS 1-4 [APPROXIMATELY 30' LONG X 3' WIDE X 3' HIGH]



GIRDERS 8 BEARINGS AT BENT 21, TYPICAL BEARINGS AT BENT 21



GIRDERS 4 BEARINGS AT BENT 22, TYPICAL BEARINGS AT BENT 22 [SIMILAR AT BENT 23]



JOINT AT ABUTMENT 1 [SIMILAR AT ABUTMENT 2 AND THE RAMP ABUTMENT]



JOINT AT BENT 1 [SIMILAR AT BENTS 2-12, 16, 17 EAST SIDE, 18-31]



RAMP PROFILE, LOOKING WEST



SPANS 29-32, SOUTH PROFILE LOOKING NORTH



FROM THE NORTHEAST CORNER, NORTH PROFILE LOOKING SOUTH



GIRDERS 1 BEARINGS AT BENT 10 [TYPICAL BEARING AT BENTS 1-10]



GIRDERS 1 BEARINGS AT BENT 11 [TYPICAL BEARINGS AT BENT 11]



SPAN 12, LOOKING EAST [SPANS 13-16 SIMILAR]



SPAN 11, LOOKING EAST [SPANS 1-10 SIMILAR]



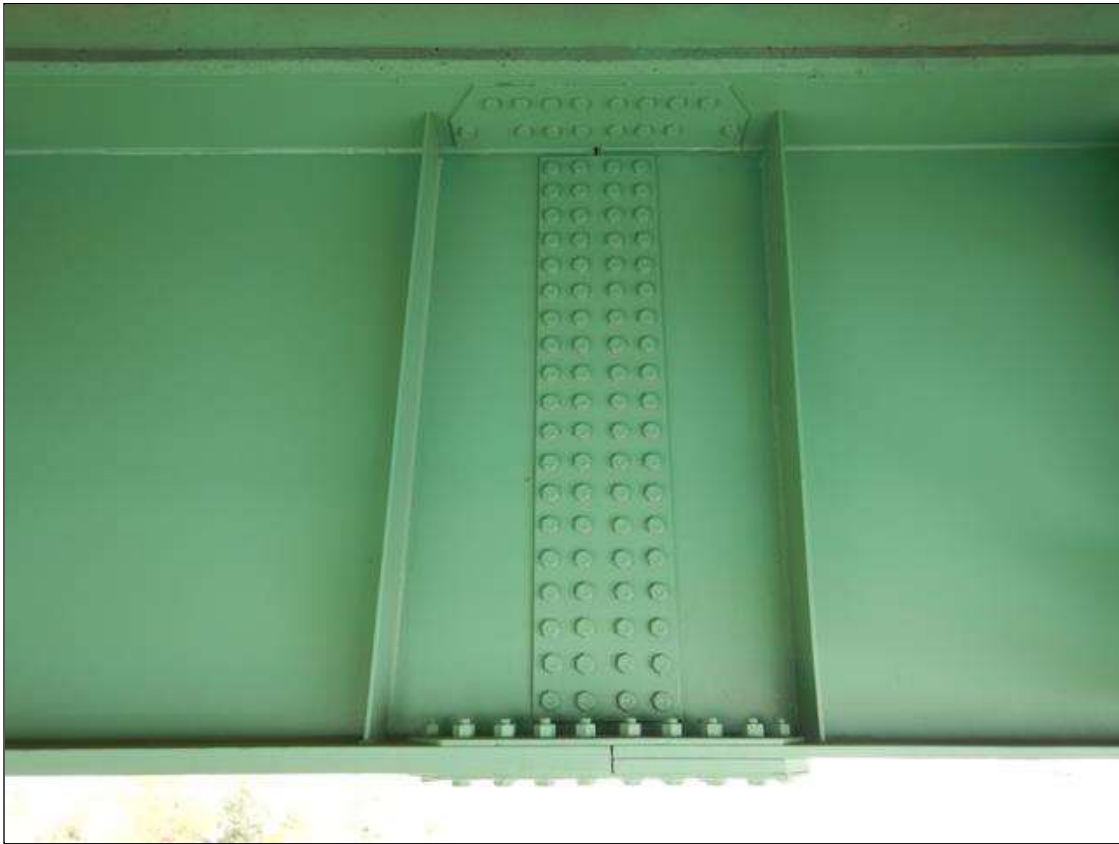
GIRDERS 5 BEARINGS AT BENT 12 [TYPICAL BEARINGS AT BENT 12]



GIRDER 1 BEARING AT BENT 13 [TYPICAL BEARING AT BENT 13]



GIRDER 7 BEARING AT BENT 14 [TYPICAL BEARING AT BENT 14]



SPAN 14 GIRDER 2 SPLICE [TYPICAL FOR ALL CONTINUOUS SPAN SPLICES]



SPAN 14 GIRDER 2 SPLICE [TYPICAL FOR ALL CONTINUOUS SPAN SPLICES]



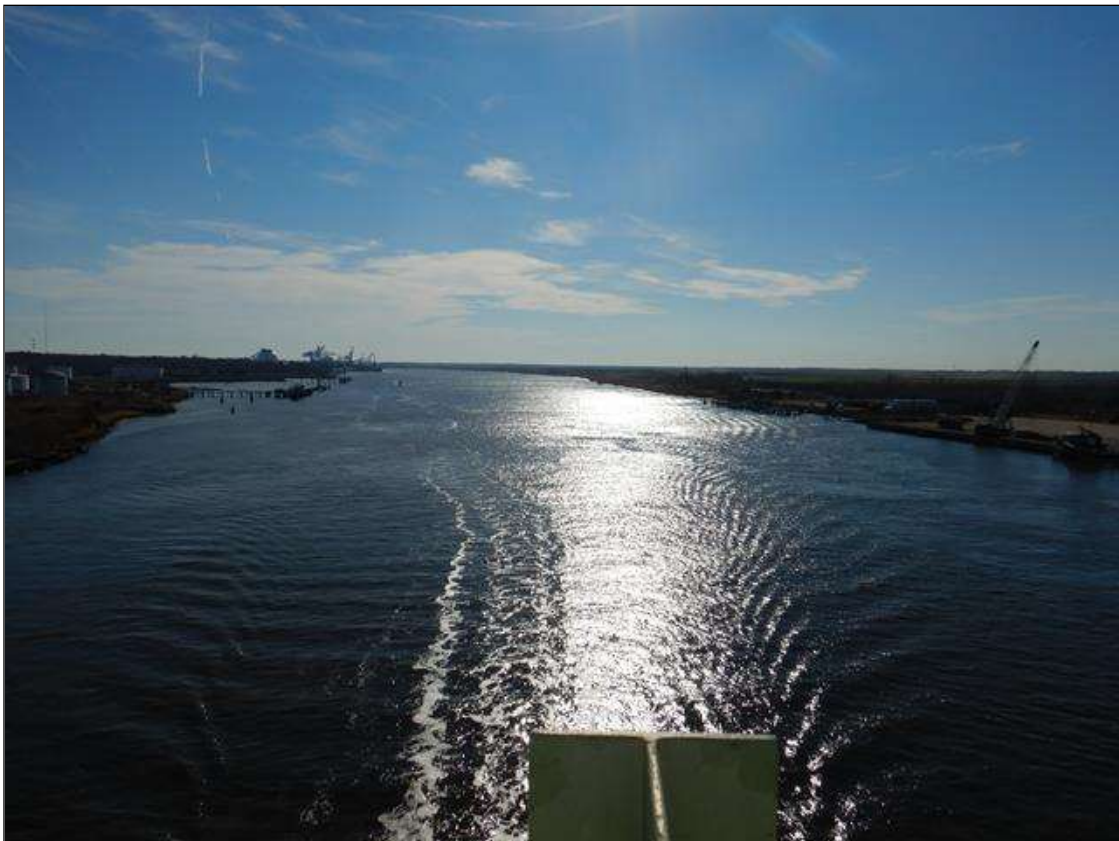
GIRDERS 6 BEARINGS AT BENT 15 [TYPICAL FOR ALL BEARINGS AT BENT 15]



SPAN 23, LEFT SIDE, FRAMING FOR THE TRAFFIC SIGNAL OVERHANG [SIMILAR AT SPAN 13 RIGHT SIDE]



AT THE LIFT SPAN, UPSTREAM VIEW, LOOKING NORTH



AT THE LIFT SPAN, DOWNSTREAM VIEW, LOOKING SOUTH



WEST APPROACH LOOKING EAST, EASTBOUND LANES



FROM ABUTMENT 1, LOOKING WEST, EASTBOUND LANES



WEST APPROACH LOOKING EAST, WESTBOUND LANES



FROM ABUTMENT 1, LOOKING WEST, WESTBOUND LANES



SOUTHWEST CORNER, GUARDRAIL TIED TO EXTENDED RUN [NORTHWEST CORNER SIMILAR]



NORTHWEST CORNER, GUARDRAIL TRANSITION AND CONNECTION [SOUTHWEST CORNER SIMILAR]



SOUTHWEST CORNER, SOUTH PROFILE, LOOKING EAST



BENT 1, LOOKING EAST [BENTS 2-16 SIMILAR]



SNOOPER USED



TRAFFIC CONTROL USED



SPAN 16 RIGHT SIDE, STOP ARM [SIMILAR AT SPAN 14 RIGHT SIDE, SPAN 20 LEFT SIDE, AND SPAN 22 LEFT SIDE]



SPAN 16 RIGHT SIDE, PARKING AREA [SIMILAR AT SPAN 16 LEFT SIDE, AND SPAN 20 LEFT & RIGHT SIDES]



WEST TOWER, LOOKING EAST



EAST TOWER, LOOKING WEST



SPAN 15 RIGHT SIDE, LIGHT POLE [SIMILAR AT SPANS 2, 5, 8, 12, 14, 15, 16, 20, 21, 23, 25, 28, 29, 31, & 35 ON THE RIGHT SIDE AND SPANS 1, 3, 7, 10, 13, 14, 15, 16, 20, 21, 22, 25, 27, AND 30 ON THE LEFT SIDE]



SPAN 13 RIGHT SIDE, TRAFFIC SIGNAL



WEST APPROACH MEDIAN RAIL TRANSITION



SPAN 1 GIRDER 9 NEAR BEARING [TYPICAL BEARING AT ABUTMENT 1]



LIFT SPAN WEST PORTAL, WESTBOUND LANES



LIFT SPAN EAST PORTAL, WESTBOUND LANES



LIFT SPAN EAST PORTAL, EASTBOUND LANES



LIFT SPAN WEST PORTAL, EASTBOUND LANES



UPSTREAM PROFILE, LOOKING SOUTH



UPSTREAM AT THE LIFT SPAN, LOOKING SOUTH



WEST TOWER PROTECTION AT THE WATERLINE, ALL SIDES [PROTECTION AT THE EAST TOWER SIMILAR]



LIFT SPAN FRAMING, LOOKING EAST



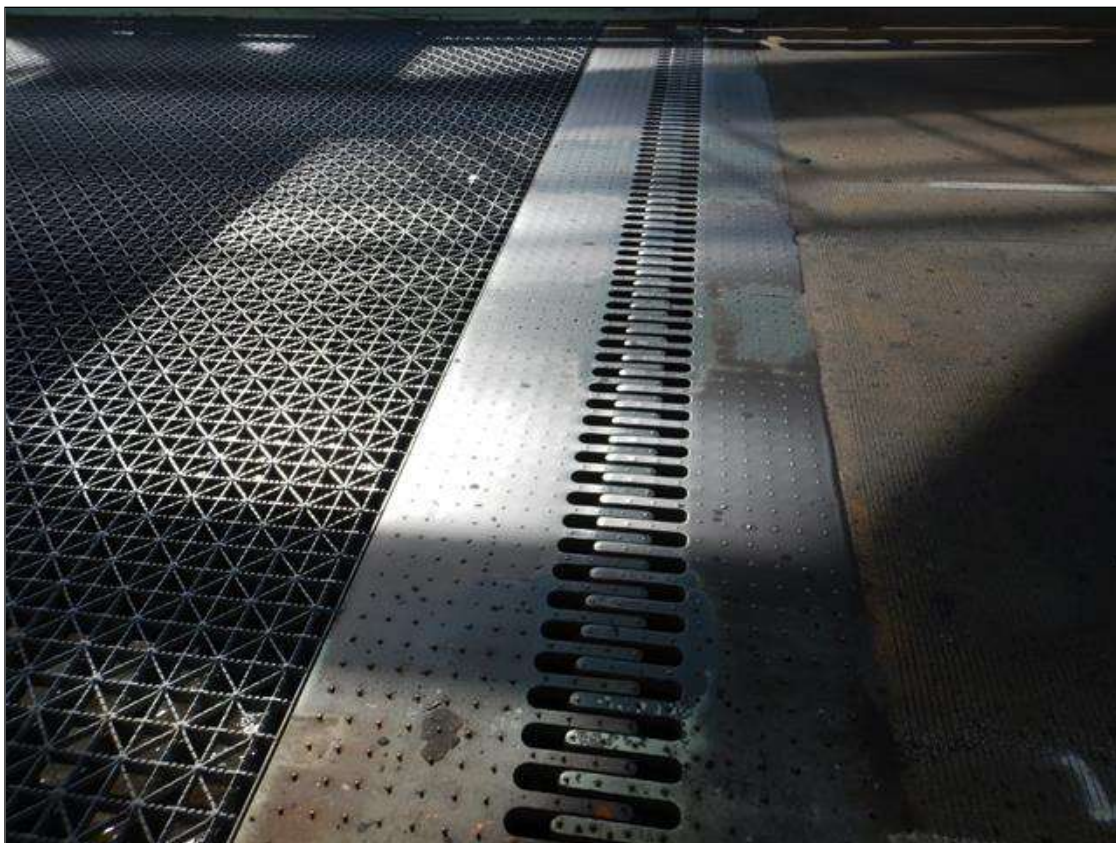
DOWNSTREAM PROFILE, LOOKING NORTH



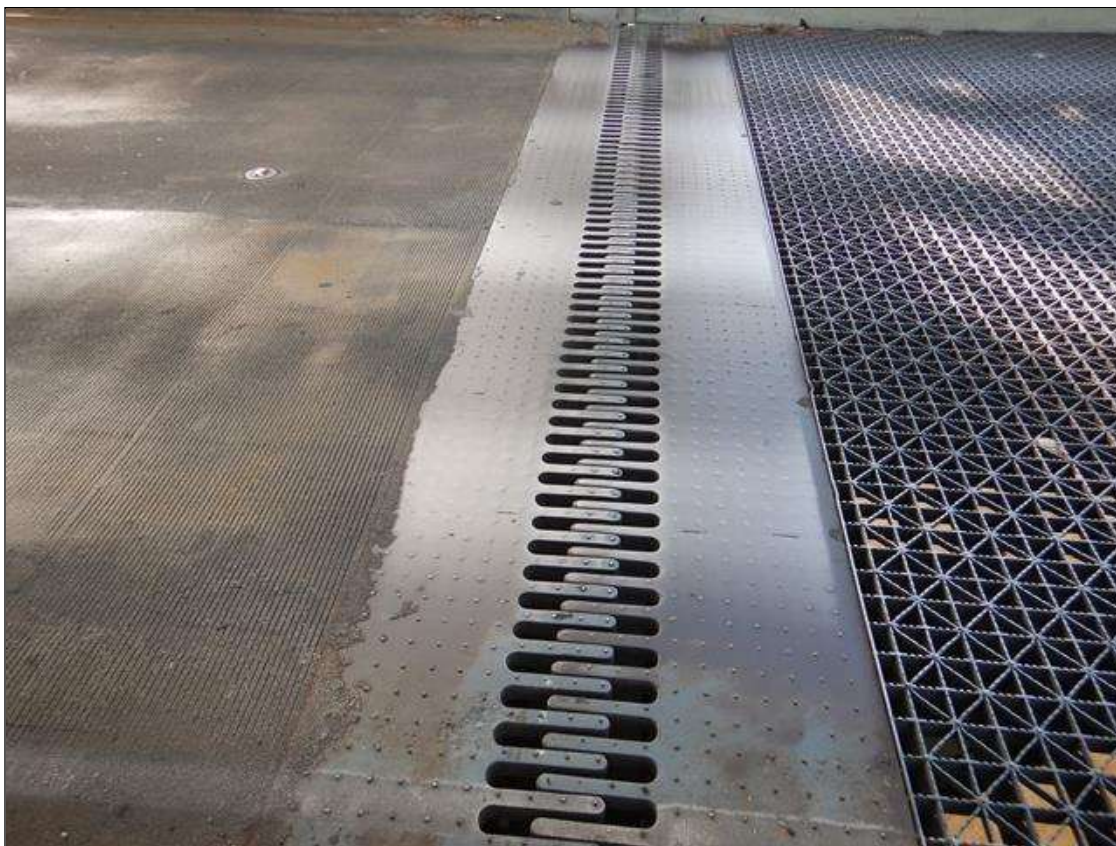
DOWNSTREAM AT THE LIFT SPAN, LOOKING NORTH



JOINT AT BENT 15



JOINT AT BEGINNING OF LIFT SPAN



JOINT AT END OF LIFT SPAN



ABUTMENT 1, LOOKING WEST



BUCKET TRUCK USED



HYDRAPLATFORM USED



SPAN 25 LEFT SIDE, DRAW BRIDGE SIGN



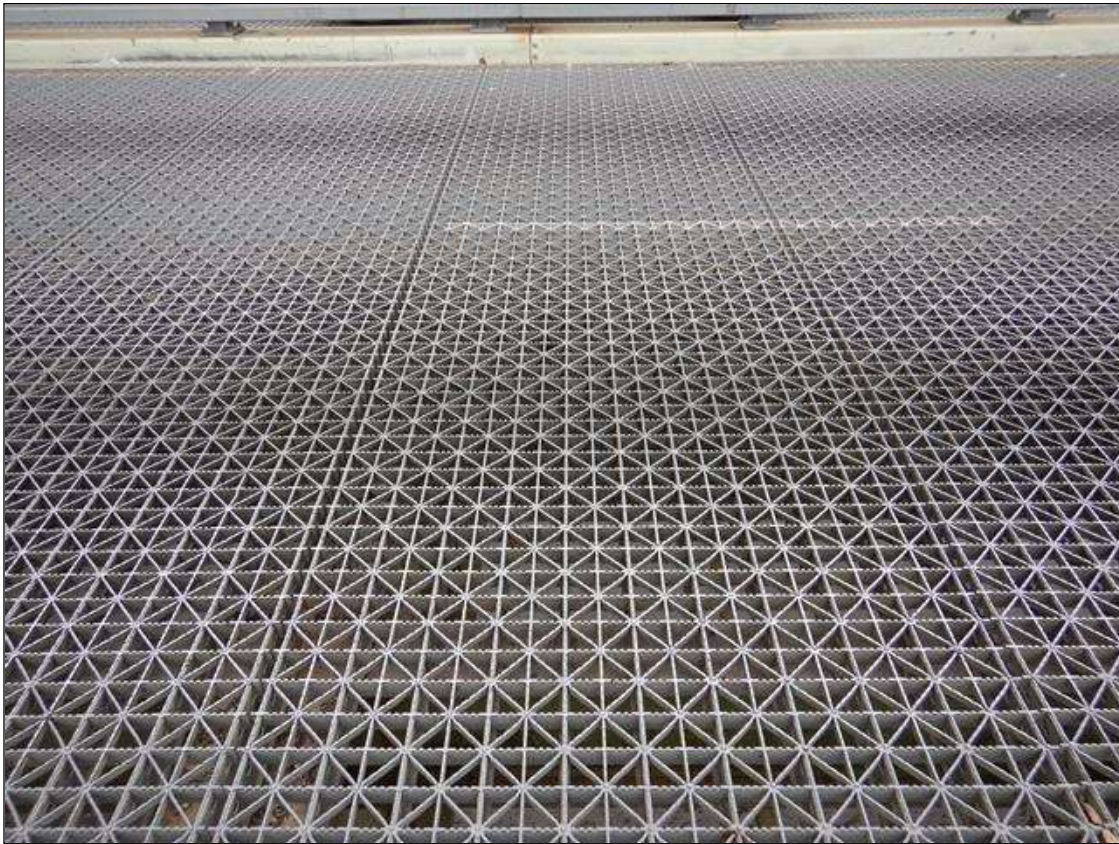
SPAN 20, A STEEL CATWALK [APPROXIMATELY 30' LONG X 50" WIDE X 46" HIGH] HANGS FROM GIRDERS 1-4 ADJACENT TO BENT 18. A SIMILAR CATWALK HANGS FROM SPAN 16 GIRDERS 5-8 ADJACENT TO BENT 15.



SPAN 11 RIGHT SIDE, DRAW BRIGE SIGN



SPAN 23 LEFT SIDE, TRAFFIC SIGNAL



LIFT SPAN TYPICAL STEEL DECKING



NORTHEAST CORNER, GEODETIC MARKER



SPAN 20 RIGHT SIDE PARKING AREA FRAMING [SIMILAR ON THE LEFT SIDE AND AT SPAN 16 RIGHT & LEFT SIDES]



BENT 23 LEFT END MOVABLE BEARING [BENT 22 RIGHT END SIMILAR]



BENT 23 RIGHT END FIXED BEARING [BENT 22 LEFT END SIMILAR]











BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3120	Repair/Maintain Barriers	LF	5	[PROMPT ACTION REQUEST] AT THE ABUTMENT 2 APPROACH, THE MEDIAN RAIL HAS IMPACT DAMAGE WITH FIVE BROKEN POSTS	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 27 Beam 15: [PROMPT ACTION REQUEST] (3" x 3" x 1/4") spall with exposed rebar on the bottom face at 21ft from bent 24	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 28 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (7" x 3" x 1/2")	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 28 Beam 8: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1 1/2" x 1/4")	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 35 - Ramp Span Beam 1: [PROMPT ACTION REQUEST] APPROXIMATELY 18' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 5" DIAMETER X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS	
 3306	Maintain Concrete Superstructure Components	SF	2	Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 31 Beam 7: [PROMPT ACTION REQUEST] spall with exposed rebar on the right web at 1ft from Bent 28 (7" x 3" x 1/2")	
 3306	Maintain Concrete Superstructure Components	SF	1	Span 32 Beam 10: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at 3ft from Bent 29 (4" x 1 1/2" x 1/8")	
 3306	Maintain Concrete Superstructure Components	SF	2	Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] spall with exposed steel on the top left flange at the Ramp End Bent (13" x 1" x 1/4")	
 3306	Maintain Concrete Superstructure Components	SF	2	Span 2 Beam 2: [PROMPT ACTION REQUEST] 14" section of 2 areas of exposed rebar in the bottom face at bent 2 up to (6" x 2")	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined









BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	1	Span 3 Beam 5: [PROMPT ACTION REQUEST] GIRDER END AT BENT 3, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 8" X 10" X UP TO 1" DEEP]	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 8: BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 11: BETWEEN FB's 4-5 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP.; AREA HAS BEEN PAINTED OVER, NO CHANGE, PROPAGATED CRACK STILL VISIBLE. PAR ISSUED. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACKS PROPAGATED UP TO 3/16" PAST EAST AND WEST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED	
 3314	Maintain Steel Superstructure Components	LF	0	Span 18 Lift Span Stringer 12: (PAR) BETWEEN FB's 0-1 - CRACK EXTENDING 3" PAST ARRESTING HOLE IN COPING AT FB 0 CONNECTION	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 13: (PAR) BETWEEN FB's 2-3 - 1 1/4" LONG CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION ON SOUTH SIDE.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 4-5 THIRD DIAPHRAGM LOOSE BOLTS WITH MISSING HEADS ON CONNECTOR PLATE.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 0-1 INTERMEDIATE DIAPHRAGM CONNECTOR PLATE CORROSION HOLE 5" X 1.5"	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined









BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	0	Span 18 Lift Span Stringer 11: (PAR) BETWEEN FB's 10-11 - TOTAL OF (5) 1/16" TO 1/8" CRACKS PROPAGATING PAST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Floor Beam 10: (PAR) VERTICAL STIFFENER 12 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Floor Beam 10: OBSERVED IN 2020 INSP: VERTICAL STIFFENER 11 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1-1/2" DIAMETER HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Floor Beam 10: VERTICAL STIFFENER 12 WEST SIDE - 2"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Floor Beam 11: VERTICAL STIFFENER 12 WEST - PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM UP TO 3"HIGH WIDE/ 2"LONG x 1/2"HIGH HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1/2" OF AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Floor Beam 12: 1" HOLE IN WEB AT BOTTOM FLANGE BETWEEN STRINGERS 4 & 5 - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 8: LONGITUDINAL CRACK, 1/2" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 8: BETWEEN FB's 11-12 - CRACK PROPAGATED 1/4" PAST EAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined









BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	1	Span 18 Lift Span Stringer 9: LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - (2) CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - (1) 1/8" AND (1) 1/4" – PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP; BETWEEN FB's 9-10 - (1) 1/2" LONG CRACK PROPAGATING PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 12: LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 13: LONGITUDINAL CRACK, 1/4" LONG IN THE TOP OF THE WEB AT THE WELD AT FB 12, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	[PROMPT ACTION REQUEST] Span 17 WEST TOWER SOUTH: IN BOTTOM OF FIRST HORIZONTAL AT SOUTHEAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	17	Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .680" WITH .628" REMAINING BOTTOM EAST FLANGE 17' LONG X UP TO 5-1/2" WIDE BETWEEN LEFT LOCK AND CENTERLINE SUPPORT PEDESTAL. (PAR)	
 3314	Maintain Steel Superstructure Components	LF	4	Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .625" WITH .683" REMAINING BOTTOM EAST FLANGE 4' LONG X 3.25" WIDE OVER OLD ANCHOR POINT BEGINNING 2' LEFT OF NORTHEAST BEARING. PAINT HAS FAILED. (PAR)	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 2: ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	34	Span 18 Lift Span Stringer 2: (PAR) BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 3: ONE BOLT MISSING ON THE SOUTH SIDE OF STRINGER CONNECTION TO FLOOR BEAM 1, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 3: BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 3: BETWEEN FB 7-8, TOP BOLT HAS SHEARED AT SOUTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 4: BETWEEN FB's 3 & 4 - (2) 1/2" HOLES WIDE/ 6"LONG x 4"WIDE PITTED AREA ON NORTH SIDE OF TOP FLANGE AT 3' FROM FROM FB 4 CONNECTION - AREA CLEANED AND PAINTED, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 4: BETWEEN FB 6-7, CONNECTION TO FB 7, TOP BOLT AT NORTH SIDE OF STRINGER IS SHEARED, PAR ISSUED.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	1	Span 18 Lift Span Stringer 4: BETWEEN FB's 7-8 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 4: BETWEEN FB 7-8, TOP (2) BOLTS HAVE SHEARED AT NORTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB'S 1- 2 - 1-1/2" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION	
 3314	Maintain Steel Superstructure Components	LF	1	[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS BOTTOM OF DIAPHRAGM CONNECTION	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 5: BETWEEN FB's 9-10 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 6: BETWEEN FB's 8-9 - 1/2" LONG CRACK AT BOTTOM OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK PROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 7: BETWEEN FB's 5-6 - 1" CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION - SOUTH SIDE - PROMPT ACTION REQUEST	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 6-7 - (1) CRACK PROPAGATED UP TO 1/4" PAST EAST ARREST HOLE, PAR ISSUED.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined









BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	1	Span 20 Beam 8: brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span L10 NORTH: BOTTOM LATERAL GUSSET AT L10 NORTH- 1" WIDE X 4" LONG AREA ON EAST SIDE AT BOTTOM CHORD HAS 1/4" SECTION LOSS WITH 1/4" REMAINING, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span L10L11 NORTH: OBSERVED IN 2020 INSP: BOTTOM OF CHORD AT L10 - 4"LONG x 12"WIDE PITTED AREA UP TO 1/4"DEEP (APPROX. 3/16" REMAINING SECTION) WIDE/ 1-1/2"LONG x 3/16"WIDE HOLE AND 1-1/2"LONG CRACK PROPAGATING FROM WEST SIDE OF HOLE, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	5	Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: PITTED AREAS UP TO 2" IN DIAMETER x 1/4"DEEP SCATTERED THROUGHOUT TOP OF CHORD - ACTIVE CORROSION PRESENT IN SOME OF THESE AREAS, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	2	Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: 2"WIDE SECTION AROUND BOTTOM PORTAL AT L12 REDUCED TO 1/16" WIDE/ 100% LOSS TO 1" AREAS AT EDGE - ACTIVE CORROSION PRESENT, PAR ISSUED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span U0 SOUTH: (PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.	
 3314	Maintain Steel Superstructure Components	LF	1	[PROMPT ACTION REQUEST] Span 18 Lift Span U8 SOUTH: EAST SIDE TOP CONNECTION TO LATERAL BRACING MISSING (1) BOLT	
 3314	Maintain Steel Superstructure Components	LF	2	Span 18 Lift Span Truss Panel 2 - L12U12 SOUTH: 2 MISSING BOLTS AT THE BOTTOM OF THE WEST GUSSET AT BEARING. (PAR)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	1	Span 17 WEST TOWER NORTH: [PROMPT ACTION REQUEST] WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span L0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.	
 3314	Maintain Steel Superstructure Components	LF	0	Span 18 Lift Span U0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE TOP OF BOTTOM PLATE AND INTERNAL BRACING HAS RUST SCALE AND 1" DIAMETER CORROSION HOLE IN INTERNAL BRACING.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span U2 NORTH: U2 TOP GUSSET PLATE HAS 1/8" OUT OF PLANE BENDING DUE TO PACK RUST BUILD UP BETWEEN MEMBERS. (PAR)	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Truss Panel 1 - U3 NORTH: TOP GUSSET PLATE: OUT OF PLANE BENDING 1/2" DUE PACK RUST WITH 1/8" LOSS OF SECTION AND 1/4" REMAINING ALONG PLATE EDGES. (PAR)	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span U12 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE BOTTOM PLATE 20 MISSING BOLTS WITH CORROSION AT BOLT HOLES.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span Truss Panel 2 - L0U0 SOUTH: (2) MISSING BOLTS AT BOTTOM OF EAST GUSSET AT BEARING (PAR)	
 3314	Maintain Steel Superstructure Components	LF	3	Span 18 Lift Span LB0: [PROMPT ACTION REQUEST] (3) ROD GUIDE PLATES HAVE LOSS OF SECTION UP TO .296" WITH .347" REMAINING ALONG BOTTOM 5" AT LIFT BEAM.	
 3314	Maintain Steel Superstructure Components	LF	0	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES HAVE LOSS OF SECTION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined







BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

Date:

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFENER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGES ALONG BOTTOM 4" HIGH.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 2ND STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 3RD STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.	
 3314	Maintain Steel Superstructure Components	LF	2	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM WEST CORNER 14" LONG - LOCATED 6' FROM NORTHWEST TOWER LEG (PAR)	
 3314	Maintain Steel Superstructure Components	LF	1	Span 19 EAST TOWER NORTH: CRACK - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR)	
 3314	Maintain Steel Superstructure Components	LF	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DEFORMATION IN TOP AND BOTTOM PLATES OF MEMBER BEGINNING AT NORTHWEST TOWER LEG AND CONTINUING SOUTH 16'. MOST SEVERE DEFORMATION IN BOTTOM PLATE AT POINT OF IMPACT (11'-3" FROM NORTHWEST TOWER LEG), WITH AREAS BENT UPWARD AND DOWNWARD UP TO 1-1/2" x 3'L (PAR)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3' LONG SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NORTHWEST TOWER LEG (PAR)	
 3314	Maintain Steel Superstructure Components	LF	0	Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DIAGONAL CONNECTION GUSSET PLATE - 18" LONG x 8" HIGH SECTION AT BOTTOM SOUTH CORNER BENT 1/2" TO THE WEST - LOCATED AT 11'-3" FROM NORTHWEST TOWER LEG (PAR)	
 3314	Maintain Steel Superstructure Components	LF	4	Span 18 Lift Span Floor Beam 12: (PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.	
 3326	Maintain Concrete Deck	SF	3	Span 5 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 4, TWO SPALLS (18" LONG x 3" WIDE x 1.5" DEEP AT 8' FROM RIGHT CURB) & (8" LONG x 2" WIDE x 3" DEEP AT 2' FROM CENTERLINE)	
 3326	Maintain Concrete Deck	SF	2	Span 7 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 6, SPALL (24" LONG x 4" WIDE x 1.5" DEEP AT 10' FROM RIGHT CURB)	
 3326	Maintain Concrete Deck	SF	3	Span 8 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 7, SPALL (36" LONG x 3" WIDE x 1.5" DEEP AT 4' FROM RIGHT CURB)	
 3326	Maintain Concrete Deck	SF	4	Span 21 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 18, SPALL (42" LONG x 2" WIDE x 3.5" DEEP AT 4' FROM RIGHT CURB)	
 3326	Maintain Concrete Deck	SF	3	Span 22 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)	
 3334	Bridge Bearings	EA	1	Span 22 Beam 1 - Beam 1 Near Bearing: [PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"	

Key

 Priority Maintenance Item

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 Priority Maintenance Level Not Determined







BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

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Date:

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3334	Bridge Bearings	EA	1	Span 22 Beam 3 - Beam 3 Near Bearing: [PROMPT ACTION REQUEST] RIGHT ANCHOR BOLT LIFTED 3/4"	
 3314	Maintain Steel Superstructure Components	LF	2	Span 16 Beam 1: PRIORITY MAINTENANCE - Bracket 2 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut on the bottom plate on the east face and up to 100% section loss on (x2) nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the west face; section loss in the web (9" x 4") by up to (1/16") into the web on both sides of the bracket (PROMPT ACTION REQUEST)	
 3314	Maintain Steel Superstructure Components	LF	0	Span 16 Beam 1: [PROMPT ACTION REQUEST] BRACE BEAM 2 AT STRINGER 3 AT THE WESTBOUND PARKING AREA ON THE TOP FLANGE, SECTION LOSS [AVERAGE 1/2" REMAINING] IN A 2" X 2" AREA ON BOTH SIDES OF THE FLANGE.	
 3314	Maintain Steel Superstructure Components	LF	2	Span 16 Beam 4: [PROMPT ACTION REQUEST] 5/16" section loss on end diaphragm gusset in the right web at bent 15 due to previous rust. (3" x 3") with (1/16") remaining, section loss on 3 nuts up to 60%. area has been cleaned and repainted. section loss in more than 25% of the gusset plate thickness	
 3314	Maintain Steel Superstructure Components	LF	1	Span 16 Beam 5: [PROMPT ACTION REQUEST] - bottom left web stiffener and platform connection at bent 15: up to 100% section loss on platform nut on the bottom flange; active corrosion on the stiffener, web, flange and diaphragm gusset with no measurable section loss	
 3314	Maintain Steel Superstructure Components	LF	1	Span 16 Beam 8: [PROMPT ACTION REQUEST] Brace Beam 1 at EB Parking Area angle at bottom of railing, section loss on plate up to (1/16") into the angle and 100% section loss on (x2) nuts	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined






BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

Date:

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	1	Span 26 Beam 1: [PROMPT ACTION REQUEST] West brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place.	
 3314	Maintain Steel Superstructure Components	LF	2	Span 20 Beam 1: PRIORITY MAINTENANCE - Bracket 4 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on (x3) nuts on the bottom flange; up to 75% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3") by up to (1/16") into the web; section loss on the bottom of the web plate (8" x 3") by (1/16") into the plate (PROMPT ACTION REQUEST)	
 3314	Maintain Steel Superstructure Components	LF	8	Span 20 Beam 1: PRIORITY MAINTENANCE - "nailer" beam on top of stringer 3 between brace 3 and 4 on the top flange: active corrosion and section loss with (11/32") remaining for the full length and width of the top flange (PROMPT ACTION REQUEST)	
 3318	Maint to Concrete Handrail	LF	1	Span 16 Right Bridge Rail: [PROMPT ACTION REQUEST] AT THE PARKING AREA, THE TOP RAIL AT THE WEST END HAS CORROSION HOLES IN THE TOP AND SIDE AT THE CORNER UP TO 5" WIDE X 4" LONG IN THE TOP AND UP TO 3" DIAMETER ON THE SIDES	
 3348	Maintain Concrete Substructure Components	LF	10	Bent 8 Cap 1: [PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5', AND THE WEST APPROXIMATELY 1.5'.	
3306	Maintain Concrete Superstructure Components	SF	1	Span 3 Beam 5: [PROMPT ACTION REQUEST] (6" x 2" x 1/4") spall with exposed rebar in the bottom right chamfer at bent 3	
3306	Maintain Concrete Superstructure Components	SF	2	Span 8 Beam 1: [PROMPT ACTION REQUEST] (16" x 1") area of exposed rebar in the top left chamfer at bent 8	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

Date:

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	2	Span 10 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top left chamfer at bent 10 (24" x 1").	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 16 Beam 1: PRIORITY MAINTENANCE - Bracket 2 at WB Parking Area both faces: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (11/16") remaining; up to 75% section loss on (x1) nut on the bottom plate on the east face and up to 100% section loss on (x2) nuts on the west face; up to 100% section loss on (x2) nuts on the web plate on the west face; section loss in the web (9" x 4") by up to (1/16") into the web on both sides of the bracket (PROMPT ACTION REQUEST)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 16 Beam 1: [PROMPT ACTION REQUEST] BRACE BEAM 2 AT STRINGER 3 AT THE WESTBOUND PARKING AREA ON THE TOP FLANGE, SECTION LOSS [AVERAGE 1/2" REMAINING] IN A 2" X 2" AREA ON BOTH SIDES OF THE FLANGE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 16 Beam 4: [PROMPT ACTION REQUEST] 5/16" section loss on end diaphragm gusset in the right web at bent 15 due to previous rust. (3" x 3") with (1/16") remaining, section loss on 3 nuts up to 60%. area has been cleaned and repainted. section loss in more than 25% of the gusset plate thickness		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 16 Beam 5: [PROMPT ACTION REQUEST] - bottom left web stiffener and platform connection at bent 15: up to 100% section loss on platform nut on the bottom flange; active corrosion on the stiffener, web, flange and diaphragm gusset with no measurable section loss		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 16 Beam 8: [PROMPT ACTION REQUEST] Brace Beam 1 at EB Parking Area angle at bottom of railing, section loss on plate up to (1/16") into the angle and 100% section loss on (x2) nuts		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 26 Beam 1: [PROMPT ACTION REQUEST] West brace for removed overhead sign: southeastern bolt is loose and over the roadway (bolt could not be removed by hand), bolt has no top nut holding it in place.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 20 Beam 1: PRIORITY MAINTENANCE - Bracket 4 at WB Parking Area East Face: section loss on the bottom flange/plate of the brace beam at the web (7" x 1 3/4") with (5/8") remaining; up to 100% section loss on (x3) nuts on the bottom flange; up to 75% section loss on (x2) nuts on the web plate; section loss in the web (8" x 3") by up to (1/16") into the web; section loss on the bottom of the web plate (8" x 3") by (1/16") into the plate (PROMPT ACTION REQUEST)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	8 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 20 Beam 1: PRIORITY MAINTENANCE - "nailer" beam on top of stringer 3 between brace 3 and 4 on the top flange: active corrosion and section loss with (11/32") remaining for the full length and width of the top flange (PROMPT ACTION REQUEST)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/23/2021	ERIC A. PATTERSON	
Details		
Span 16 Right Bridge Rail: [PROMPT ACTION REQUEST] AT THE PARKING AREA, THE TOP RAIL AT THE WEST END HAS CORROSION HOLES IN THE TOP AND SIDE AT THE CORNER UP TO 5" WIDE X 4" LONG IN THE TOP AND UP TO 3" DIAMETER ON THE SIDES		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	10 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Bent 8 Cap 1: [PROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 NEAR BEARING, OPEN CRACKING TO 3/16" WIDE EMANATES FROM THE LEFT ANCHOR BOLT EXTENDING DOWN THE EAST FACE APPROXIMATELY 4.5', AND THE WEST APPROXIMATELY 1.5'.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3120	Repair/Maintain Barriers	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
[PROMPT ACTION REQUEST] AT THE ABUTMENT 2 APPROACH, THE MEDIAN RAIL HAS IMPACT DAMAGE WITH FIVE BROKEN POSTS		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 27 Beam 15: [PROMPT ACTION REQUEST] (3" x 3" x 1/4") spall with exposed rebar on the bottom face at 21ft from bent 24		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 28 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (7" x 3" x 1/2")		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 28 Beam 8: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1 1/2" x 1/4")		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 35 - Ramp Span Beam 1: [PROMPT ACTION REQUEST] APPROXIMATELY 18' OUT FROM THE RAMP ABUTMENT, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 5" DIAMETER X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE X UP TO 1/2" DEEP]; NO MEASURABLE SECTION LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 31 Beam 7: [PROMPT ACTION REQUEST] spall with exposed rebar on the right web at 1ft from Bent 28 (7" x 3" x 1/2")		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 32 Beam 10: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at 3ft from Bent 29 (4" x 1 1/2" x 1/8")		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] spall with exposed steel on the top left flange at the Ramp End Bent (13" x 1" x 1/4")		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 2 Beam 2: [PROMPT ACTION REQUEST] 14" section of 2 areas of exposed rebar in the bottom face at bent 2 up to (6" x 2")		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 3 Beam 5: [PROMPT ACTION REQUEST] GIRDER END AT BENT 3, LOWER SIDE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 8" X 10" X UP TO 1" DEEP]		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 8: BETWEEN FB's 7-8 - (2) CRACKS PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 11: BETWEEN FB's 4-5 - CRACK PROPAGATED 3/16" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP.; AREA HAS BEEN PAINTED OVER, NO CHANGE, PROPAGATED CRACK STILL VISIBLE. PAR ISSUED. 2018 REPORT HAD BETWEEN FB's 3-4 - CRACKS PROPAGATED UP TO 3/16" PAST EAST AND WEST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 12: (PAR) BETWEEN FB's 0-1 - CRACK EXTENDING 3" PAST ARRESTING HOLE IN COPING AT FB 0 CONNECTION		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 13: (PAR) BETWEEN FB's 2-3 - 1 1/4" LONG CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION ON SOUTH SIDE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 4-5 THIRD DIAPHRAGM LOOSE BOLTS WITH MISSING HEADS ON CONNECTOR PLATE.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 0-1 INTERMEDIATE DIAPHRAGM CONNECTOR PLATE CORROSION HOLE 5" X 1.5"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/01/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 11: (PAR) BETWEEN FB's 10-11 - TOTAL OF (5) 1/16" TO 1/8" CRACKS PROPAGATING PAST ARREST HOLES AT TOP OF DIAPHRAGM CONNECTION		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 10: (PAR) VERTICAL STIFFENER 12 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 10: OBSERVED IN 2020 INSP: VERTICAL STIFFENER 11 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1-1/2" DIAMETER HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 10: VERTICAL STIFFENER 12 WEST SIDE - 2"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ 1/2" DIAMETER HOLES AT EDGES - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 11: VERTICAL STIFFENER 12 WEST - PITTED AREA AT BOTTOM FLANGE OF FLOOR BEAM UP TO 3"HIGH WIDE/ 2"LONG x 1/2"HIGH HOLE AT WEB - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1/2" OF AREA - CLEANED AND PAINTED - PROMPT ACTION REQUEST		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 12: 1" HOLE IN WEB AT BOTTOM FLANGE BETWEEN STRINGERS 4 & 5 - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 8: LONGITUDINAL CRACK, 1/2" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 8: BETWEEN FB's 11-12 - CRACK PROPAGATED 1/4" PAST EAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 9: LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE LOAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER WEB CONNECTION ARE SECURE BUT NOT FULLY TIGHTENED - PROMPT ACTION REQUEST		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 10: BETWEEN FB's 9-10 - (2) CRACKS PROPAGATED PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - (1) 1/8" AND (1) 1/4" – PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 11: OBSERVED IN 2020 INSP; BETWEEN FB's 9-10 - (1) 1/2"LONG CRACK PROPAGATING PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 12: LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/02/2021	ERIC A PATTERSON	
Details		
Span 18 Lift Span Stringer 13: LONGITUDINAL CRACK, 1/4" LONG IN THE TOP OF THE WEB AT THE WELD AT FB 12, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
[PROMPT ACTION REQUEST] Span 17 WEST TOWER SOUTH: IN BOTTOM OF FIRST HORIZONTAL AT SOUTHEAST LEG CORROSION WITH HOLES UP TO 1/2" DIAMETER.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	17 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .680" WITH .628" REMAINING BOTTOM EAST FLANGE 17' LONG X UP TO 5-1/2" WIDE BETWEEN LEFT LOCK AND CENTERLINE SUPPORT PEDESTAL. (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 12: LOSS OF SECTION .625" WITH .683" REMAINING BOTTOM EAST FLANGE 4' LONG X 3.25" WIDE OVER OLD ANCHOR POINT BEGINNING 2' LEFT OF NORTHEAST BEARING. PAINT HAS FAILED. (PAR)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 2: ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	34 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 2: (PAR) BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSION WITH 1/4" AVERAGE REMAINING.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 3: ONE BOLT MISSING ON THE SOUTH SIDE OF STRINGER CONNECTION TO FLOOR BEAM 1, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 3: BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 3: BETWEEN FB 7-8, TOP BOLT HAS SHEARED AT SOUTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 4: BETWEEN FB's 3 & 4 - (2) 1/2" HOLES WIDE/ 6"LONG x 4"WIDE PITTED AREA ON NORTH SIDE OF TOP FLANGE AT 3' FROM FROM FB 4 CONNECTION - AREA CLEANED AND PAINTED, PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 4: BETWEEN FB 6-7, CONNECTION TO FB 7, TOP BOLT AT NORTH SIDE OF STRINGER IS SHEARED, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 4: BETWEEN FB's 7-8 - CRACK PROPAGATED 1/4" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 4: BETWEEN FB 7-8, TOP (2) BOLTS HAVE SHEARED AT NORTH SIDE OF STRINGER CONNECTION TO FB. 8, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB'S 1- 2 - 1-1/2" LONG CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
[PROMPT ACTION REQUEST] Span 18 Lift Span Stringer 5: BETWEEN FB's 5-6 - 1" LONG CRACK IN WEB ACROSS BOTTOM OF DIAPHRAGM CONNECTION		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 5: BETWEEN FB's 9-10 - CRACK PROPAGATED 1/2" PAST ARREST HOLE AT TOP OF DIAPHRAGM CONNECTION – PROMPT ACTION REQUEST		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 6: BETWEEN FB's 8-9 - 1/2" LONG CRACK AT BOTTOM OF DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK PROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT TOP OF DIAPHRAGM CONNECTION - PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 7: BETWEEN FB's 5-6 - 1" CRACK IN WEB ACROSS TOP OF WELD AT DIAPHRAGM CONNECTION - SOUTH SIDE - PROMPT ACTION REQUEST		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Stringer 7: OBSERVED IN 2020 INSP: BETWEEN FB's 6-7 - (1) CRACK PROPAGATED UP TO 1/4" PAST EAST ARREST HOLE, PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 20 Beam 8: brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A PATTERSON	
Details		
Span 18 Lift Span L10 NORTH: BOTTOM LATERAL GUSSET AT L10 NORTH- 1" WIDE X 4" LONG AREA ON EAST SIDE AT BOTTOM CHORD HAS 1/4" SECTION LOSS WITH 1/4" REMAINING, PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span L10L11 NORTH: OBSERVED IN 2020 INSP: BOTTOM OF CHORD AT L10 - 4"LONG x 12"WIDE PITTED AREA UP TO 1/4"DEEP (APPROX. 3/16" REMAINING SECTION) WIDE/ 1-1/2"LONG x 3/16"WIDE HOLE AND 1-1/2"LONG CRACK PROPAGATING FROM WEST SIDE OF HOLE, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: PITTED AREAS UP TO 2" IN DIAMETER x 1/4"DEEP SCATTERED THROUGHOUT TOP OF CHORD - ACTIVE CORROSION PRESENT IN SOME OF THESE AREAS, PAR ISSUED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span L11L12 NORTH: OBSERVED IN 2020 INSP: 2"WIDE SECTION AROUND BOTTOM PORTAL AT L12 REDUCED TO 1/16" WIDE/ 100% LOSS TO 1" AREAS AT EDGE - ACTIVE CORROSION PRESENT, PAR ISSUED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span U0 SOUTH: (PROMPT ACTION REQUEST) BOTTOM PLATE AT ACCESS HOLE CORROSION WITH HOLE 5" X 2" HOLE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
[PROMPT ACTION REQUEST] Span 18 Lift Span U8 SOUTH: EAST SIDE TOP CONNECTION TO LATERAL BRACING MISSING (1) BOLT		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Truss Panel 2 - L12U12 SOUTH: 2 MISSING BOLTS AT THE BOTTOM OF THE WEST GUSSET AT BEARING. (PAR)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 17 WEST TOWER NORTH: [PROMPT ACTION REQUEST] WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span L0 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span U0 NORTH: [PROMPT ACTION REQUEST} WHEEL GUIDE TOP OF BOTTOM PLATE AND INTERNAL BRACING HAS RUST SCALE AND 1" DIAMETER CORROSION HOLE IN INTERNAL BRACING.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span U2 NORTH: U2 TOP GUSSET PLATE HAS 1/8" OUT OF PLANE BENDING DUE TO PACK RUST BUILD UP BETWEEN MEMBERS. (PAR)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Truss Panel 1 - U3 NORTH: TOP GUSSET PLATE: OUT OF PLANE BENDING 1/2" DUE PACK RUST WITH 1/8" LOSS OF SECTION AND 1/4" REMAINING ALONG PLATE EDGES. (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span U12 NORTH: [PROMPT ACTION REQUEST] WHEEL GUIDE BOTTOM PLATE 20 MISSING BOLTS WITH CORROSION AT BOLT HOLES.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Truss Panel 2 - L0U0 SOUTH: (2) MISSING BOLTS AT BOTTOM OF EAST GUSSET AT BEARING (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span LB0: [PROMPT ACTION REQUEST] (3) ROD GUIDE PLATES HAVE LOSS OF SECTION UP TO .296" WITH .347" REMAINING ALONG BOTTOM 5" AT LIFT BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE SOUTHWEST CABLE EYE BAR GUIDE PLATES HAVE LOSS OF SECTION .234" WITH .406" REMAINING ALONG BOTTOM 4" HIGH.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTHWEST CABLE BANK, RIGHT STIFFENER, COMPLETE LOSS OF SECTION 1-1/4" WIDE ON BOTH FLANGES ALONG BOTTOM 4" HIGH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 2ND STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .334" WITH .321" REMAINING ALONG BOTTOM 4-1/2" HIGH ON WEST FLANGE.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE: 3RD STIFFENER RIGHT OF NORTHWEST CABLE BANK LOSS OF SECTION .392" WITH .134" REMAINING ALONG BOTTOM 4" HIGH ON WEB AND FLANGES.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM WEST CORNER 14" LONG - LOCATED 6' FROM NORTHWEST TOWER LEG (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 19 EAST TOWER NORTH: CRACK - BOTTOM WEST HORIZONTAL TRUSS MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DEFORMATION IN TOP AND BOTTOM PLATES OF MEMBER BEGINNING AT NORTHWEST TOWER LEG AND CONTINUING SOUTH 16'. MOST SEVERE DEFORMATION IN BOTTOM PLATE AT POINT OF IMPACT (11'-3" FROM NORTHWEST TOWER LEG), WITH AREAS BENT UPWARD AND DOWNWARD UP TO 1-1/2" x 3'L (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3' LONG SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NORTHWEST TOWER LEG (PAR)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - DIAGONAL CONNECTION GUSSET PLATE - 18" LONG x 8" HIGH SECTION AT BOTTOM SOUTH CORNER BENT 1/2" TO THE WEST - LOCATED AT 11'-3" FROM NORTHWEST TOWER LEG (PAR)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/13/2021	ERIC A. PATTERSON	
Details		
Span 18 Lift Span Floor Beam 12: (PAR) LOSS OF SECTION .341" WITH .967" REMAINING BOTTOM WEST FLANGE, 4' LONG X 2.5" WIDE BEGINING 2' LEFT OF NORTHEAST BEARING.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 5 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 4, TWO SPALLS (18" LONG x 3" WIDE x 1.5" DEEP AT 8' FROM RIGHT CURB) & (8" LONG x 2" WIDE x 3" DEEP AT 2' FROM CENTERLINE)		

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 7 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 6, SPALL (24" LONG x 4" WIDE x 1.5" DEEP AT 10' FROM RIGHT CURB)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 8 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 7, SPALL (36" LONG x 3" WIDE x 1.5" DEEP AT 4' FROM RIGHT CURB)		

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	4 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 21 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 18, SPALL (42" LONG x 2" WIDE x 3.5" DEEP AT 4' FROM RIGHT CURB)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 22 Deck: [PROMPT ACTION REQUEST] RIGHT LANES AT BENT 20, SPALL (30" LONG x 3" WIDE x 4" DEEP AT 8' FROM MEDIAN RAIL)		

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:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 22 Beam 1 - Beam 1 Near Bearing: [PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

County NEW HANOVER

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:
12/07/2021	ERIC A. PATTERSON	
Details		
Span 22 Beam 3 - Beam 3 Near Bearing: [PROMPT ACTION REQUEST] RIGHT ANCHOR BOLT LIFTED 3/4"		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 3 Beam 5: [PROMPT ACTION REQUEST] (6" x 2" x 1/4") spall with exposed rebar in the bottom right chamfer at bent 3		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013

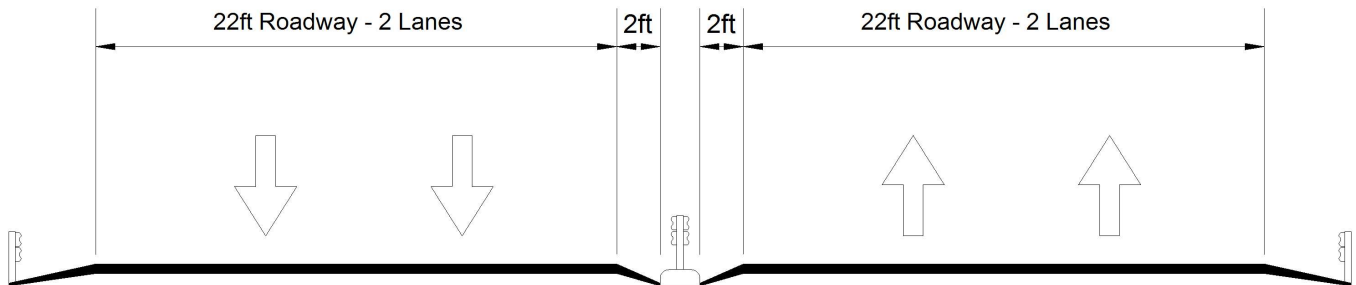
County NEW HANOVER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 8 Beam 1: [PROMPT ACTION REQUEST] (16" x 1") area of exposed rebar in the top left chamfer at bent 8		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
12/16/2021	ERIC A. PATTERSON	
Details		
Span 10 Beam 1: [PROMPT ACTION REQUEST] spall with exposed rebar on the top left chamfer at bent 10 (24" x 1").		

Bridge Inspection Field Sketch



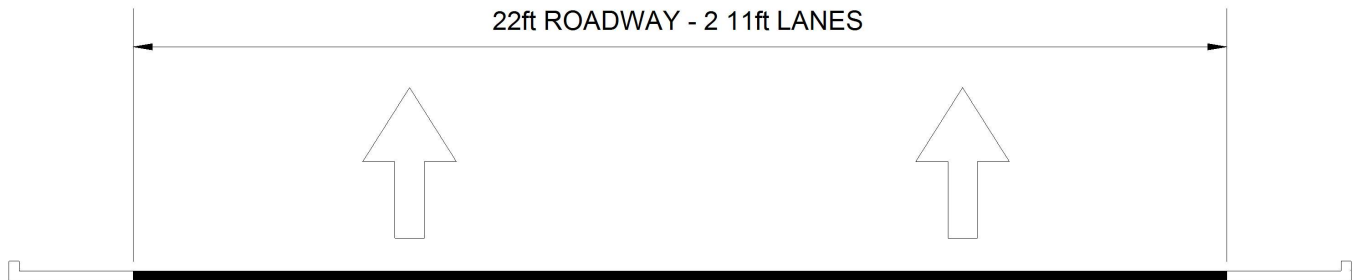
MEASUREMENTS TAKEN 25ft WEST OF END BENT 1

Left Lanes			
Roadway	22ft Wide	2 Paved Lanes	West Bound
Right Shoulder	4ft Wide	4ft Paved	
Left Shoulder	2ft Wide	2ft Paved	
Right Guardrail	4ft from road		
Left Guardrail			
Median	1.833ft Wide	0.75ft High	
Right Lanes			
Roadway	22ft Wide	2 Paved Lanes	East Bound
Left Shoulder	2ft Wide	2ft Paved	
Right Shoulder	4ft Wide	4ft Paved	
Left Guardrail			
Right Guardrail	4ft from road		

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
APPROACH ROADWAY - WEST		TYPICAL SECTION	
Bridge No: 640013	Drawn By: BC	Date: 05/19/2008	File Name: S0038000312

Bridge Inspection Field Sketch



Roadway	22ft Wide	2 Paved Lanes	Looking West
Left Shoulder	2.5ft Curb & Gutter	2.5ft Curb & Gutter	
Right Shoulder	2.5ft Curb & Gutter	2.5ft Curb & Gutter	
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN 150ft EAST OF END BENT 2
 MEASUREMENTS FOR US17S/US76W/US421N ARE SIMILAR AT THE SAME DISTANCE.

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title APPROACH ROADWAY - US17N/US76E/US421S		Description TYPICAL SECTION	
Bridge No: 640013	Drawn By: JHD	Date: 2/8/2018	File Name: S0374000368

Bridge Inspection Field Sketch



Roadway	20ft Wide	1 Paved Lane	Looking West
Left Shoulder	2ft Wide	2ft Gutter and 0.5ft Curb	1.75ft Unpaved
Right Shoulder	2ft Wide	2ft Gutter and 0.5ft Curb	1.17ft Unpaved
Left Guardrail	4.25ft from road		
Right Guardrail	3.67ft from road		

MEASUREMENTS TAKEN 25' EAST OF THE RAMP END BENT

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title APPROACH - FRONT STREET SOUTH RAMP		Description TYPICAL SECTION	
Bridge No: 640013	Drawn By: BC	Date: 07/03/2006	File Name: S0042001563

Bridge Inspection Field Sketch



Roadway	20ft Wide	1 Paved Lanes	Looking West
Left Shoulder	7.5ft Wide	2ft Paved	5.5ft Unpaved
Right Shoulder	7.5ft Wide	2ft Paved	5.5ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN 500' EAST OF END BENT 2

Title

APPROACH - FRONT STREET NORTH RAMP

Description

TYPICAL SECTION

Bridge No: 640013

Drawn By: ERIC A. PATTERSON

Date: 12/20/2021

File Name: S0446000511

Bridge Inspection Field Sketch

SUPERSTRUCTURE

Title

SUPERSTRUCTURE

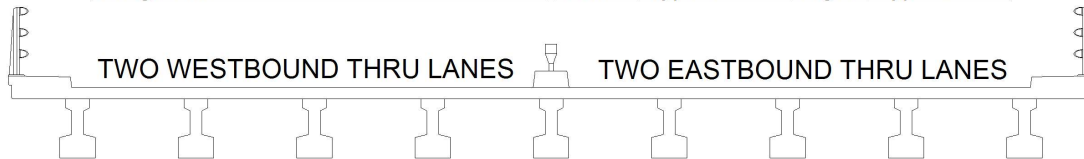
Description

SUPERSTRUCTURE

Bridge No: 640013**Drawn By:** JHD**Date:** 2/1/2018**File Name:** S0374000367

Bridge Inspection Field Sketch

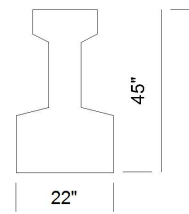
Deck Width/Out to Out	61.50ft	Between Rails	59.0ft
Clear Roadway	56.0ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	27.0ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3



Measurements for Spans	1 thru 11		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	8.5	Right Overhang	2.75

Beam Number	Beam Type	Spacing	Comments
1	PPC Girder	7.0ft	
2	PPC Girder	7.0ft	
3	PPC Girder	7.0ft	
4	PPC Girder	7.0ft	
5	PPC Girder	7.0ft	
6	PPC Girder	7.0ft	
7	PPC Girder	7.0ft	
8	PPC Girder	7.0ft	
9	PPC Girder		

TYPICAL GIRDER



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 1

Description

SPANS 1 - 11 TYPICAL SECTION

Bridge No: 640013

Drawn By: BC

Date: 05/19/2008

File Name: S0038000309

Bridge Inspection Field Sketch

Deck Width/Out to Out	61.50ft	Between Rails	59.0ft
Clear Roadway	56.0ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	27.0ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3
		Right	0.833ft
		Right	1.5ft
		Right	27.0ft
		Right	1.25ft
		Right	4.083ft
		Right	Type 3

TWO WESTBOUND THRU LANES TWO EASTBOUND THRU LANES

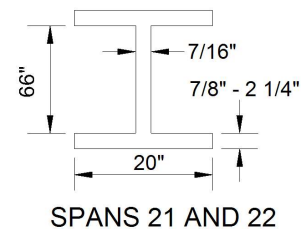
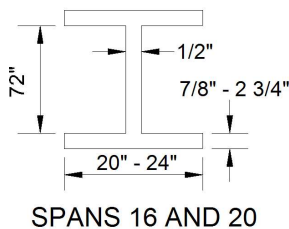
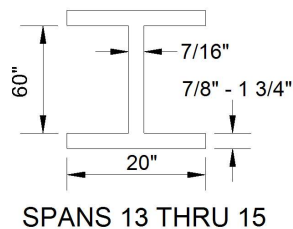
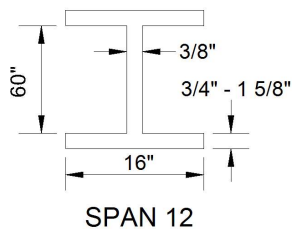
Measurements for Spans	12 thru 16 and 20 thru 22	
Deck Thickness	0.667	Left Overhang
Top of Rail to Bottom of Beam	9.833*	Right Overhang

Beam Number	Beam Type	Spacing	Comments
1	Steel Buildup Beam	8.0ft	
2	Steel Buildup Beam	8.0ft	
SECTION	Steel Buildup Beam	8.0ft	
4	Steel Buildup Beam	8.0ft	
5	Steel Buildup Beam	8.0ft	
6	Steel Buildup Beam	8.0ft	
7	Steel Buildup Beam	8.0ft	
8	Steel Buildup Beam		

*Measurement recorded in Spans 12 thru 15.

Top of Rail to Bottom of Beam in Spans 16 and 20 = 10.92ft; Spans 21 and 22 = 10.42ft

Measurements in Span 22 at Bent 20: Deck Width/Out to Out = 67.5ft Girders 1 thru 3 Spacing = 8.92ft
Clear Roadway = 62.0ft Girders 3 thru 8 Spacing = 8.83ft



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title	Description
SUPERSTRUCTURE - 2	SPANS 12 - 16 & 20 - 22 TYPICAL SECTION

Bridge No: 640013	Drawn By: RL BOWERS	Date: 2/6/2014	File Name: S0042061394
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Bridge Inspection Field Sketch

Deck Width/Out to Out	67.50ft	Between Rails	65.0ft
Clear Roadway	62.0ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	30.0ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3

2 WB THRU LANES AND TAPERING MERGE LANE	2 EB THRU LANES AND TAPERING RAMP LANE
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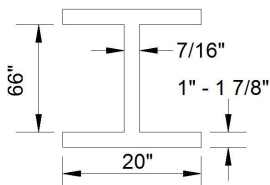
Measurements for Span	23		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	10.25	Right Overhang	2.75

Beam Number	Beam Type	Spacing	Comments
1	Steel Buildup Beam	6.5ft	
2	Steel Buildup Beam	6.5ft	
3	Steel Buildup Beam	6.5ft	
4	Steel Buildup Beam	6.5ft	
5	Steel Buildup Beam	6.5ft	
6	Steel Buildup Beam	4.0ft	
7	Steel Buildup Beam	6.375ft	
8	Steel Buildup Beam	6.375ft	
9	Steel Buildup Beam	6.375ft	
10	Steel Buildup Beam	6.375ft	
11	Steel Buildup Beam		

Note: Measurements recorded at Bent 20

Measurements at Bent 21: Deck Width/Out to Out = 80.33ft
Clear Roadway = 74.83ft

Girders 1 thru 6 Spacing = 7.708ft
Girders 6 and 7 Spacing = 4.0ft
Girders 7 thru 11 Spacing = 8.08ft



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 3

Description

SPAN 23 TYPICAL SECTION

Bridge No: 640013

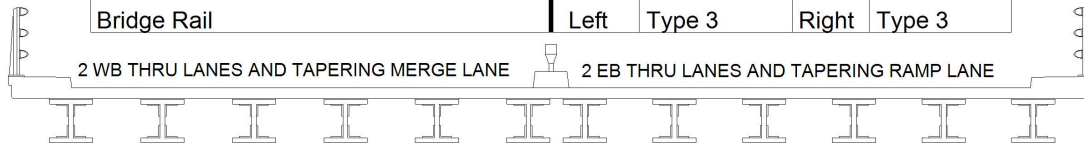
Drawn By: BC

Date: 05/19/2008

File Name: S0042001566

Bridge Inspection Field Sketch

Deck Width/Out to Out	80.333ft	Between Rails	77.833ft
Clear Roadway	74.833ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	36.42ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3



Measurements for Spans	24 thru 26		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	8.583	Right Overhang	2.75

Beam Number	Beam Type	Spacing	Comments
1	Steel Buildup Beam	7.708ft	
2	Steel Buildup Beam	7.708ft	
3	Steel Buildup Beam	7.708ft	
4	Steel Buildup Beam	7.708ft	
5	Steel Buildup Beam	7.708ft	
6	Steel Buildup Beam	4.0ft	
7	Steel Buildup Beam	6.469ft	
8	Steel Buildup Beam	6.469ft	
9	Steel Buildup Beam	6.469ft	
10	Steel Buildup Beam	6.469ft	
11	Steel Buildup Beam	6.469ft	
12	Steel Buildup Beam		

Note: Measurements recorded at Bent 21

Measurements at Bents 22 and 23:

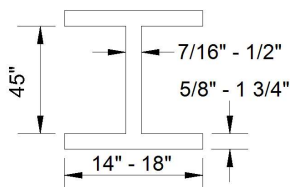
Deck Width/Out to Out = 85.5ft
Clear Roadway = 80.0ft

Girders 1 thru 6 Spacing = 7.708ft
Girders 6 and 7 Spacing = 4.0ft
Girders 7 thru 12 Spacing = 7.5ft

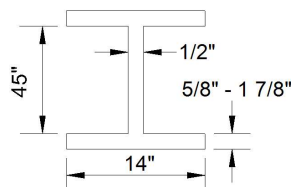
Measurements at Bent 24:

Deck Width/Out to Out = 88.0ft
Clear Roadway = 82.5ft

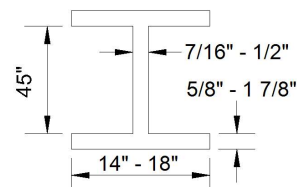
Girders 1 thru 6 Spacing = 7.708ft
Girders 6 and 7 Spacing = 4.0ft
Girders 7 thru 12 Spacing = 8.0ft



SPAN 24



SPAN 25



SPAN 26

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 4

Description

SPANS 24 - 26 TYPICAL SECTION

Bridge No: 640013

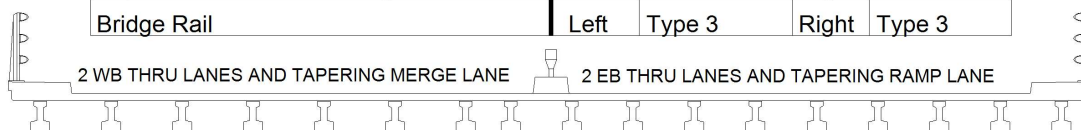
Drawn By: RL BOWERS

Date: 2/11/2014

File Name: S0274002710

Bridge Inspection Field Sketch

Deck Width/Out to Out	97.688ft	Between Rails	95.188ft
Clear Roadway	92.188ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	45.08ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3



Measurements for Spans	27 and 28		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	8.5	Right Overhang	2.75

Beam Number	Beam Type	Span 28	Span 27	Comments
1	PPC Girder	6.33ft	6.33ft	<p>TYPICAL GIRDER</p>
2	PPC Girder	6.33ft	6.33ft	
3	PPC Girder	6.33ft	6.33ft	
4	PPC Girder	6.33ft	6.33ft	
5	PPC Girder	6.33ft	6.33ft	
6	PPC Girder	6.33ft	6.33ft	
7	PPC Girder	5.0ft	5.0ft	
8	PPC Girder	5.465ft	7.0ft	
9	PPC Girder	5.465ft	7.0ft	
10	PPC Girder	5.465ft	7.0ft	
11	PPC Girder	5.465ft	7.0ft	
12	PPC Girder	5.465ft	7.0ft	
13	PPC Girder	5.465ft	7.0ft	
14	PPC Girder	5.465ft	7.0ft	
15	PPC Girder	5.465ft		
16	PPC Girder	5.465ft		
17	PPC Girder			

Note: Measurements recorded at Bent 25

Measurements at Bent 24:

Deck Width/Out to Out = 88.0ft
Clear Roadway = 82.5ft

Girders 1 thru 7 Spacing = 6.33ft
Girders 7 and 8 Spacing = 5.0ft
Girders 8 thru 15 Spacing = 5.646ft

Measurements at Bent 26:

Deck Width/Out to Out = 113.813ft
Clear Roadway = 108.313ft

Girders 1 thru 7 Spacing = 6.33ft
Girders 7 and 8 Spacing = 5.0ft
Girders 8 thru 13 Spacing = 6.885ft
Girders 13 and 14 Spacing = 7.729ft
Girders 14 thru 17 Spacing = 7.719ft

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
SUPERSTRUCTURE - 5		SPANS 27 & 28 TYPICAL SECTION	
Bridge No:	640013	Drawn By:	RL BOWERS
Date:	2/11/2014	File Name:	S0274002711

Bridge Inspection Field Sketch

Deck Width/Out to Out	82.927ft	Between Rails	80.427ft
Clear Roadway	77.427ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	37.714ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3

Measurements for Spans	29 and 30		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	9.25	Right Overhang	2.75

Beam Number	Beam Type	Span 29	Span 30	Comments
1	PPC Girder	7.604ft	7.604ft	
2	PPC Girder	7.604ft	7.604ft	
3	PPC Girder	7.604ft	7.604ft	
4	PPC Girder	7.604ft	7.604ft	
5	PPC Girder	7.604ft	7.604ft	
6	PPC Girder	5.0ft	5.0ft	
7	PPC Girder	6.885ft	6.635ft	
8	PPC Girder	6.885ft	6.635ft	
9	PPC Girder	6.885ft	7.296ft	
10	PPC Girder	6.885ft	5.973ft	
11	PPC Girder	6.885ft		
12	PPC Girder			

Note: All measurements recorded at Bent 26 except Span 30 spacing which was recorded at Bent 27.

Measurements at Bent 27:

Deck Width/Out to Out = 75.042ft

Clear Roadway = 69.539ft

Measurements at Bent 28:

Deck Width/Out to Out = 73.5ft

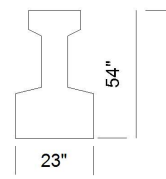
Clear Roadway = 68.0ft

Girders 1 thru 6 Spacing = 7.604ft

Girders 6 and 7 Spacing= 5.0ft

Girders 7 thru 11 Spacing= 6.25ft

TYPICAL GIRDER



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 6

Description

SPANS 29 & 30 TYPICAL SECTION

Bridge No: 640013

Drawn By: RL BOWERS

Date: 2/11/2014

File Name: S0274002712

Bridge Inspection Field Sketch

Deck Width/Out to Out	73.50ft	Between Rails	71.0ft
Clear Roadway	68.0ft	Wearing Surface	
Median Width	2.0ft	Median Height	2.333ft
Curb Height		Left	0.833ft
Sidewalk Width		Left	1.5ft
Clear Roadway (Rail to Median)		Left	33.0ft
Guardrail Width		Left	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft
Bridge Rail		Left	Type 3

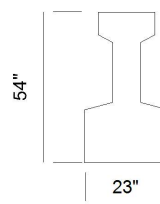
2 WB THRU LANES AND TAPERING MERGE LANE		2 EASTBOUND THRU LANES
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Measurements for Spans	31 and 32		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	9.25	Right Overhang	2.75

Beam Number	Beam Type	Spacing	Comments
1	PPC Girder	6.33ft	
2	PPC Girder	6.33ft	
3	PPC Girder	6.33ft	
4	PPC Girder	6.33ft	
5	PPC Girder	6.33ft	
6	PPC Girder	6.33ft	
7	PPC Girder	5.0ft	
8	PPC Girder	6.25ft	
9	PPC Girder	6.25ft	
10	PPC Girder	6.25ft	
11	PPC Girder	6.25ft	
12	PPC Girder		

Note: Measurements recorded at Bent 29.

TYPICAL GIRDER



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 7

Description

SPANS 31 & 32 TYPICAL SECTION

Bridge No: 640013

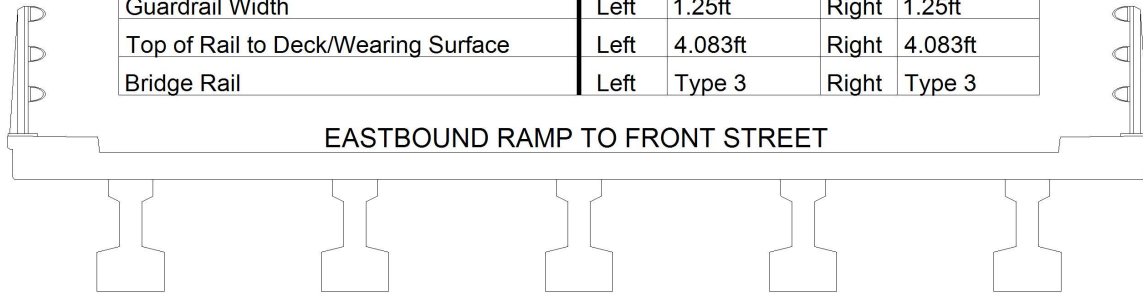
Drawn By: RL BOWERS

Date: 2/11/2014

File Name: S0274002713

Bridge Inspection Field Sketch

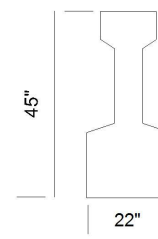
Deck Width/Out to Out	29.50ft	Between Rails	27ft
Clear Roadway	24ft	Wearing Surface	
Median Width		Median Height	
Curb Height		Left	0.833ft
Sidewalk Width		Right	0.833ft
Clear Roadway (Rail to Median)		Left	1.5ft
Guardrail Width		Right	1.5ft
Top of Rail to Deck/Wearing Surface		Left	1.25ft
Bridge Rail		Right	1.25ft
		Left	4.083ft
		Right	4.083ft
		Left	Type 3
		Right	Type 3



Measurements for Spans	33 thru 35		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	8.5	Right Overhang	2.75

Beam Number	Beam Type	Spacing	Comments
1	PPC Girder	6.0ft	
2	PPC Girder	6.0ft	
3	PPC Girder	6.0ft	
4	PPC Girder	6.0ft	
5	PPC Girder		

TYPICAL GIRDER



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 8

Description

SPANS 33 - 35 TYPICAL SECTION

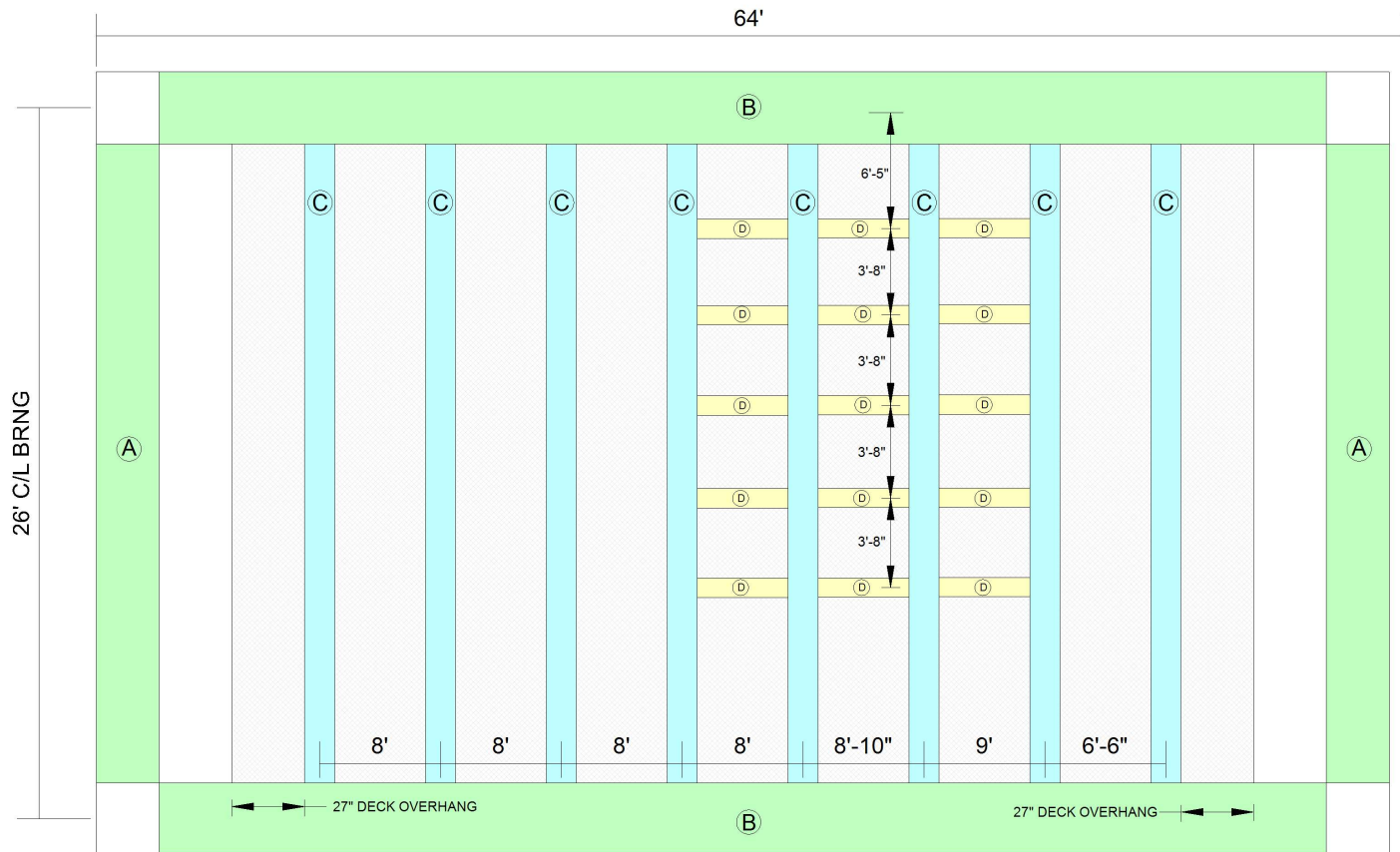
Bridge No: 640013

Drawn By: RL BOWERS

Date: 2/6/2014

File Name: S0042001562

Bridge Inspection Field Sketch



- A - TOWER TRUSS LOWER HORIZONTAL MEMBER, 12-1/2"W x 24"H BOX BEAM
 B - FLOORBEAM, 6'H x 18"W I-BEAM w/ 1-1/4" THICK FLANGE, 1/2" THICK WEB
 C - STRINGER, 27"H x 10"W I-BEAM w/ 3/4" THICK FLANGE, 1/2" THICK WEB
 D - C-CHANNEL, 1'H x 3"W x 1/4"T

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

SUPERSTRUCTURE - 9

Description

Spans 17 & 19 Beams & Stringer

Bridge No: 640013

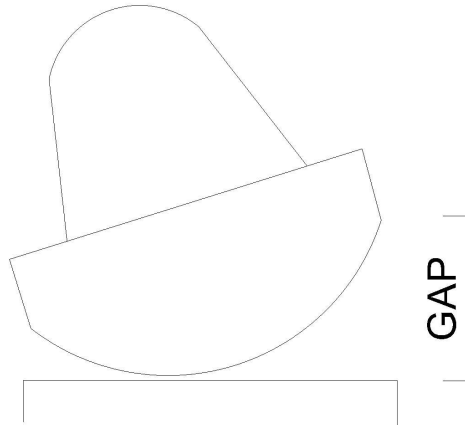
Drawn By: JRW

Date: 3/22/2016

File Name: S0186013884

Bridge Inspection Field Sketch

EAST ←



BEAM #	ROTATION GAP	ROTATION GAP
1	2-5/8"	2 5/8"
2	2-9/16"	2 9/16"
3	2-5/8"	2 5/8"
4	2-9/16"	2 5/8"
5	2-1/4"	2 1/4"
6	2-3/4"	2 3/4"
7	2-3/8"	2 7/16"
8	2-3/16"	2 1/4"

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021 [63 DEGREES]

Title

BENT 14 ROCKER BEARINGS

Description

ROCKER BEARING ROTATION

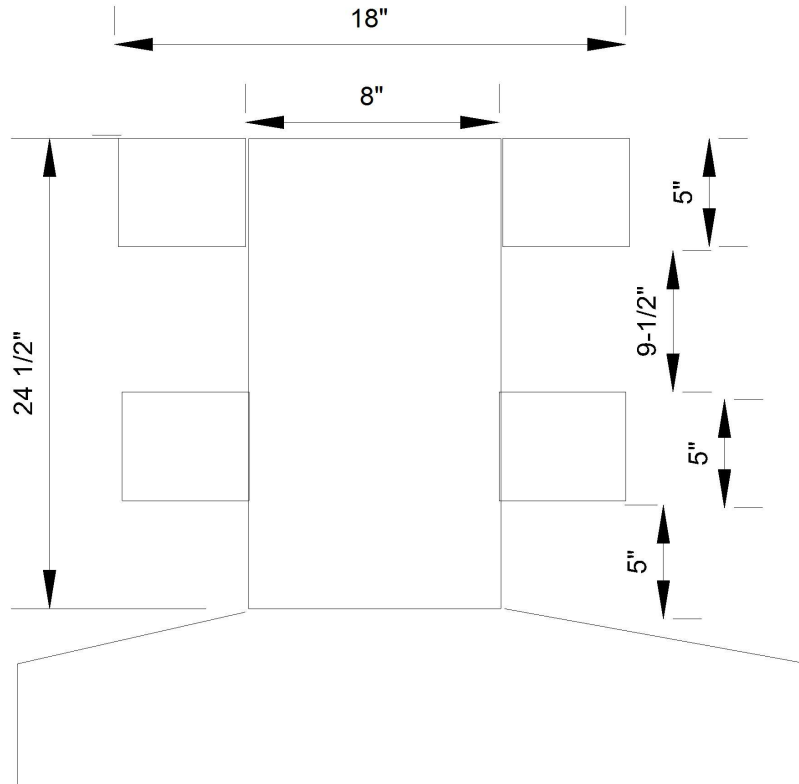
Bridge No: 640013

Drawn By: RL BOWERS

Date: 2/5/2014

File Name: S0274002709

Bridge Inspection Field Sketch



NEW MEDIAN RAIL ALONG ENTIRE BRIDGE LENGTH
SPANS 1-32

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

MEDIAN RAIL

Description

MEDIAN RAIL DETAIL

Bridge No: 640013

Drawn By: H.W. HICK, JR.

Date: 2/28/2020

File Name: S0214001838

Bridge Inspection Field Sketch

SUBSTRUCTURE

Title

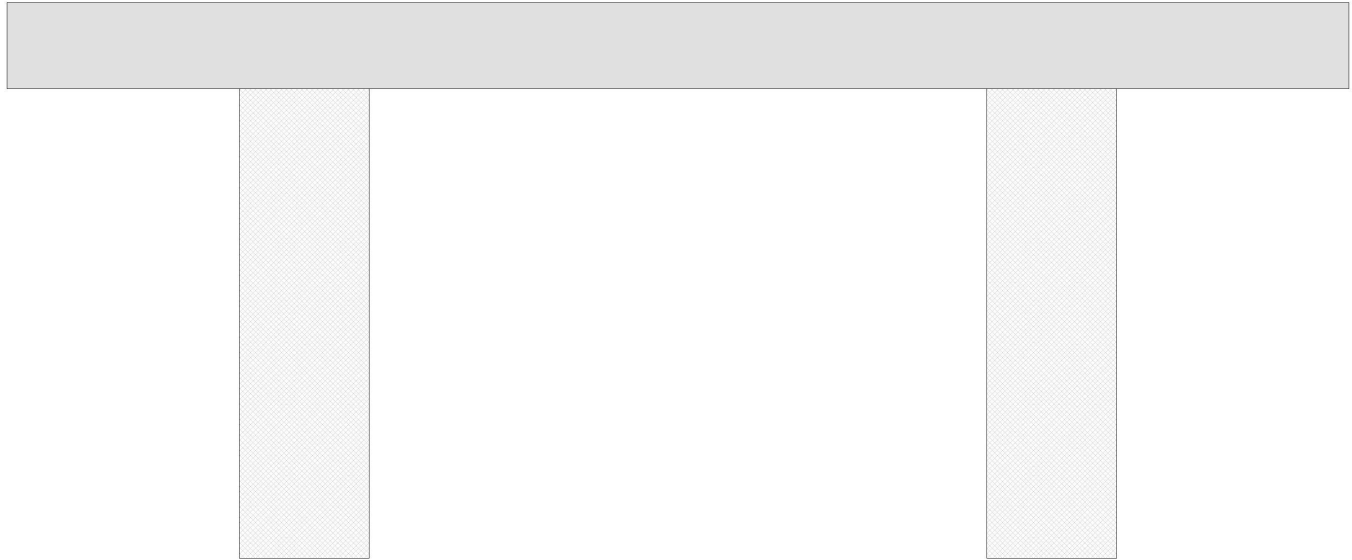
SUBSTRUCTURE

Description

SUBSTRUCTURE

Bridge No: 640013**Drawn By:** BC**Date:** 2/22/2010**File Name:** S0038000742

Bridge Inspection Field Sketch



Bent Caps 1 thru 6, 9 and 10 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.			
61.0 ft.	3.5 ft.	4.0 ft.	13.75 ft.	13.75 ft.	2.5 ft.		2.5 ft.			
Bent Cap 11 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.			
61.0 ft.	4.0 ft.	4.0 ft.	13.75 ft.	13.75 ft.	2.5 ft.		2.5 ft.			
Bent Caps 18 and 19 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.			
61.0 ft.	5.0 ft.	5.0 ft.	14.0 ft.	14.0 ft.	2.5 ft.		2.5 ft.			
Bent Cap 20 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.			
67.0 ft.	5.0 ft.	5.0 ft.	14.0 ft.	14.0 ft.	2.5 ft.		2.5 ft.			
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	33.5 ft.*	5.0 ft.**			Vertical	No	No	No	No
2	Concrete		5.0 ft.**			Vertical	No	No	No	No

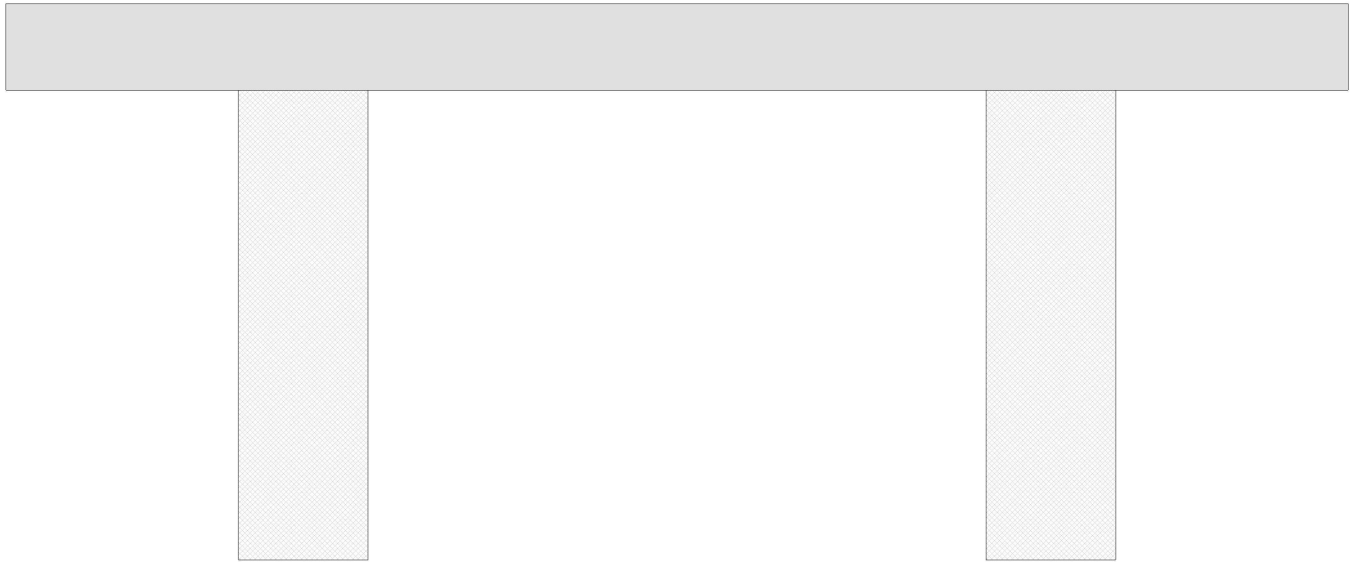
* Spacing for Bents 1 thru 6 and 9 thru 11
 Spacing for Bents 18 and 19 = 33.0 ft.
 Spacing for Bent 20 = 39.0 ft.

** Column Diameter for Bents 1 thru 6
 Column Diameter for Bents 9 thru 11 = 6.0 ft.
 Column Diameter for Bents 18 thru 20 = 7.0 ft.

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title			Description		
SUBSTRUCTURE - 1			BENTS 1-6, 9-11, & 18 - 20 PROFILE		
Bridge No:	640013	Drawn By:	RGM	Date:	2/21/2012
			File Name:	S0042061833	

Bridge Inspection Field Sketch

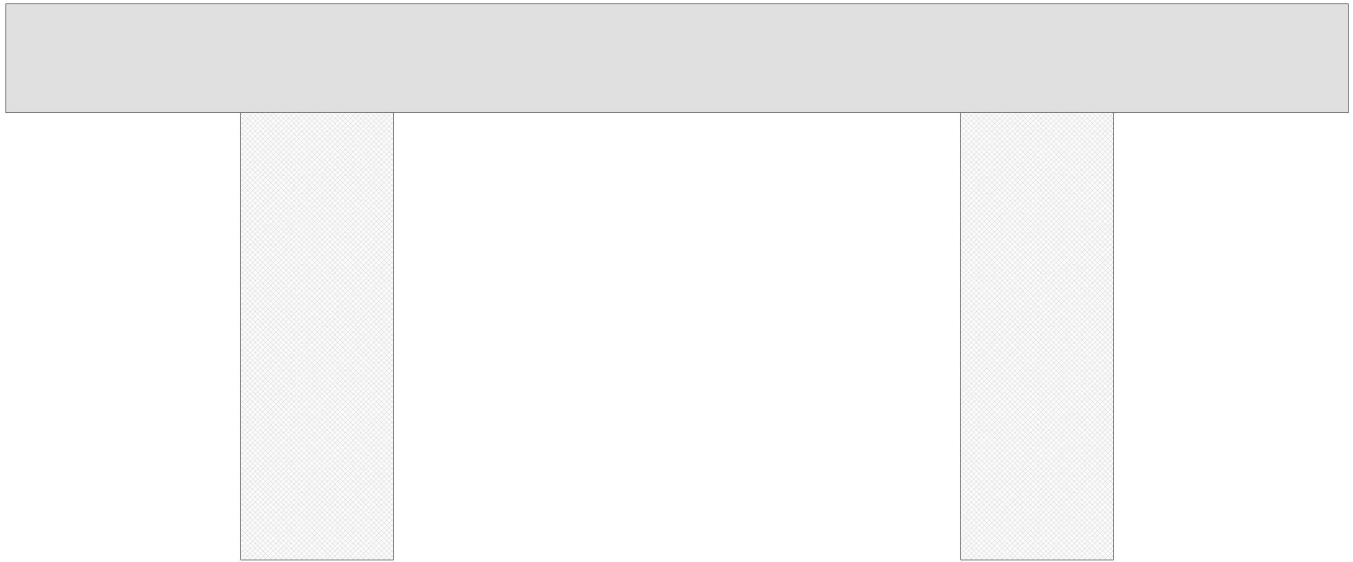


Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
62.094 ft.	3.5 ft.	4.0 ft.	13.75 ft.	13.75 ft.	2.5 ft.	2.5 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	34.594 ft.	6.0 ft.			Vertical	No	No	No	No
2	Concrete		6.0 ft.			Vertical	No	No	No	No
Bent: 7			Similar Bent: 8							

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title SUBSTRUCTURE - 2		Description BENTS 7 & 8 PROFILE	
Bridge No: 640013	Drawn By: BC	Date: 5/19/2008	File Name: S0038000458

Bridge Inspection Field Sketch

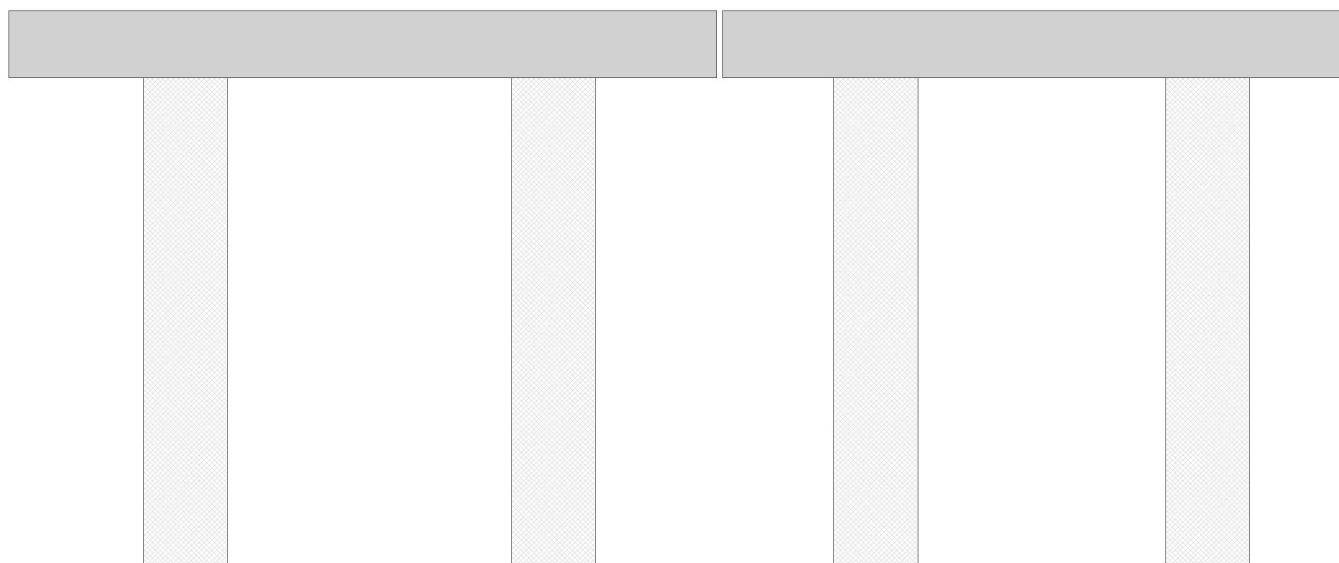


Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.		Right Beam to End of Cap.			
61.5 ft.	5.0 ft.	5.0 ft.	14.25 ft.	14.25 ft.	2.75 ft.		2.75 ft.			
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	33.0 ft.	7.0 ft.			Vertical	No	No	No	No
2	Concrete		7.0 ft.			Vertical	No	No	No	No
Bent: 12			Similar Bents: 13 thru 15							

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title SUBSTRUCTURE - 3		Description BENTS 12 - 15 PROFILE	
Bridge No: 640013	Drawn By: BC	Date: 5/19/2008	File Name: S0038000459

Bridge Inspection Field Sketch



Bent 21 Cap Segment 1 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.				
42.92 ft.	4.0 ft.	4.0 ft.	10.5 ft.	10.5 ft.	2.5 ft.	1.92 ft.				
Bent 21 Cap Segment 2 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.				
36.75 ft.	4.0 ft.	4.0 ft.	8.5 ft.	8.5 ft.	1.92 ft.	2.5 ft.				
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	21.92 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	19.17 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	19.75 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete		5.0 ft.			Vertical	No	No	No	No

Bent 24 Cap Segment 1 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.		
42.5 ft.	4.0 ft.	4.0 ft.	10.5 ft.	10.5 ft.	2.5 ft.			1.42 ft.		
Bent 24 Cap Segment 2 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.		
43.92 ft.	4.0 ft.	4.0 ft.	10.5 ft.	10.5 ft.	1.42 ft.			2.5 ft.		
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	21.5 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	22.17 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	22.92 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete		5.0 ft.			Vertical	No	No	No	No

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title			Description		
SUBSTRUCTURE - 4			BENTS 21 & 24 PROFILE		
Bridge No:	640013	Drawn By:	RGM	Date:	2/12/2012
			File Name:	S0042061834	

Bridge Inspection Field Sketch



Bent Cap 22 Information			Material Steel							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
105.0 ft.	4.0 ft.	7.0 ft.	1.5 ft.	28.5 ft.	1.5 ft.	9.83 ft.				
Bent Cap 23 Information			Material Steel							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
105.0 ft.	4.0 ft.	7.0 ft.	28.5 ft.	1.5 ft.	9.83 ft.	1.5 ft.				
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	75.0 ft.	6.0 ft.			Vertical	No	No	No	No
2	Concrete		6.0 ft.			Vertical	No	No	No	No

Steel Box Girder Dimensions:

Top Flange Thickness = 1 1/4" (Min) to 2 1/8" (Max)

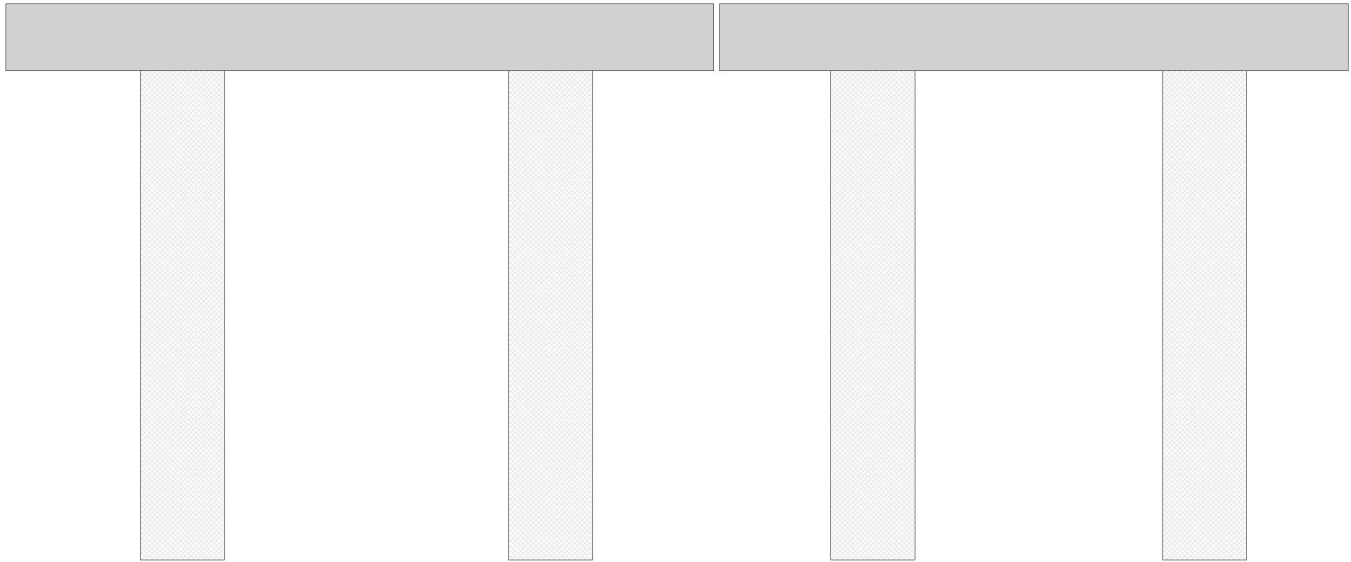
Bottom Flange Thickness = 1 1/4"

Web Thickness = 9/16"

MODIFIED BY KEITH PROCTOR ON 20-DEC-2021 [CHANGES DENOTED IN RED]

Title			Description		
SUBSTRUCTURE - 5			BENTS 22 & 23 PROFILE		
Bridge No:	640013	Drawn By:	RL BOWERS	Date:	2/6/2014
			File Name:	S0038000472	

Bridge Inspection Field Sketch



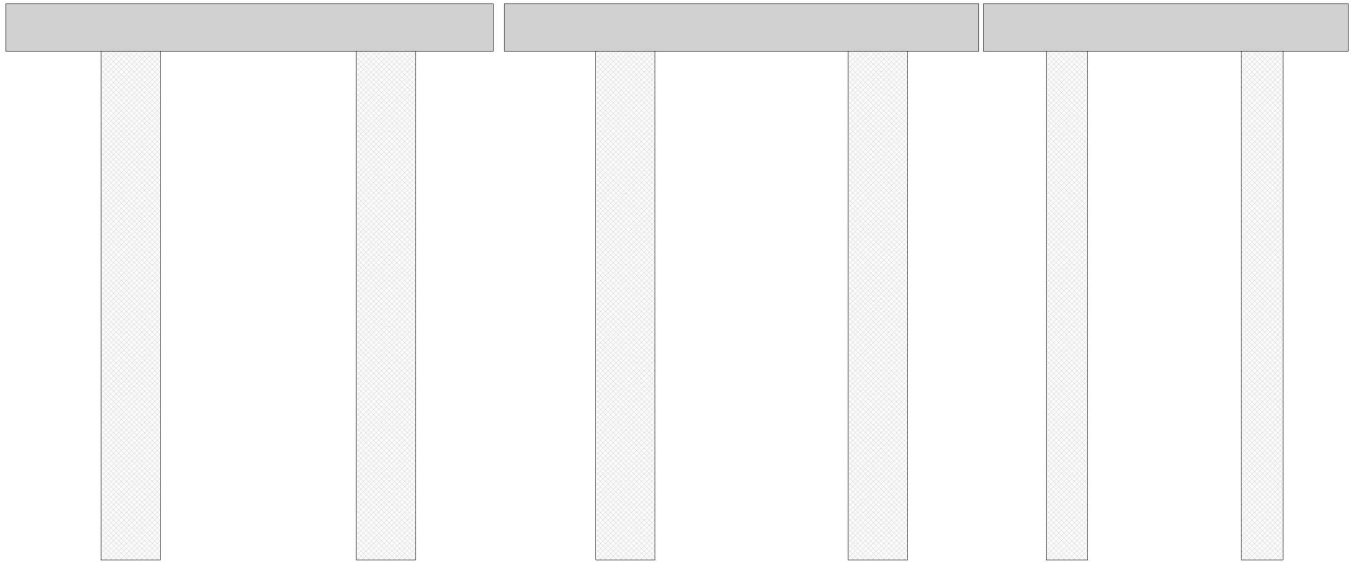
Bent 25 Cap Segment 1 Information					Material Cast-in-Place Concrete					
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.			Right Beam to End of Cap.		
42.42 ft.	4.0 ft.	4.0 ft.	10.5 ft.	10.5 ft.	2.5 ft.			1.92 ft.		
Bent 25 Cap Segment 2 Information					Material Cast-in-Place Concrete					
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.			Right Beam to End of Cap.		
53.604 ft.	4.0 ft.	4.0 ft.	12.5 ft.	12.5 ft.	1.92 ft.			2.5 ft.		
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	21.42 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	24.17 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	28.604 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete		5.0 ft.			Vertical	No	No	No	No

Bent 27 Cap Segment 1 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.				
44.33 ft.	4.5 ft.	4.0 ft.	11.5 ft.	11.5 ft.	2.5 ft.	2.33 ft.				
Bent 27 Cap Segment 2 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.				
32.42 ft.	4.5 ft.	4.0 ft.	8.0 ft.	8.0 ft.	2.33 ft.	2.5 ft.				
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	21.33 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	20.026 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	16.42 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete		5.0 ft.			Vertical	No	No	No	No

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title				Description			
SUBSTRUCTURE - 6				BENTS 25 & 27 PROFILE			
Bridge No: 640013		Drawn By: RGM			Date: 2/12/2012		File Name: S0042061835

Bridge Inspection Field Sketch

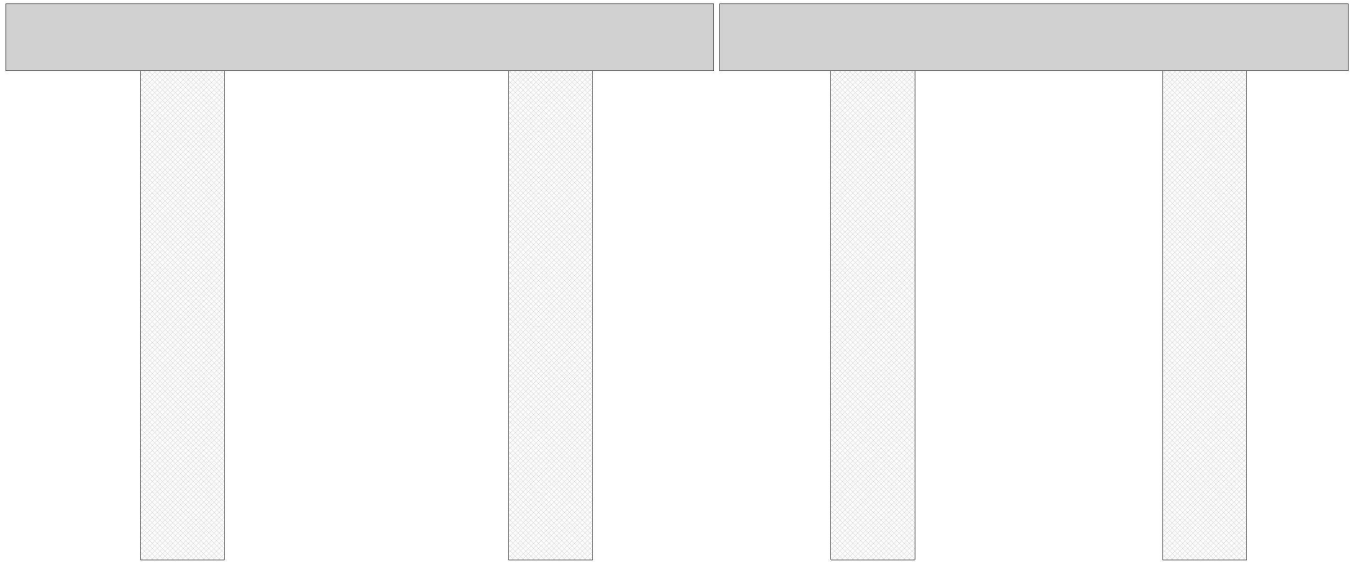


Bent 26 Cap Segment 1 Information						Material Cast-in-Place Concrete				
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
42.42 ft.	4.0 ft.	4.0 ft.	10.5 ft.	10.5 ft.	2.5 ft.	1.92 ft.				
Bent 26 Cap Segment 2 Information						Material Cast-in-Place Concrete				
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
38.25 ft.	4.0 ft.	4.0 ft.	8.5 ft.	8.5 ft.	1.92 ft.	1.92 ft.				
Bent 26 Cap Segment 3 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.				
30.938 ft.	3.5 ft.	3.0 ft.	7.25 ft.	7.25 ft.	1.92 ft.	2.5 ft.				
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	21.42 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	20.17 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	21.26 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete	15.92 ft.	5.0 ft.			Vertical	No	No	No	No
5	Concrete	16.438 ft.	3.5 ft.			Vertical	No	No	No	No
6	Concrete		3.5 ft.			Vertical	No	No	No	No
Bent: 26										

MODIFIED BY KEITH PROCTOR ON 20-DEC-2021 [CHANGES DENOTED IN RED]

Title				Description			
SUBSTRUCTURE - 7				BENT 26 PROFILE			
Bridge No:	640013	Drawn By:	RL BOWERS	Date:	2/11/2014	File Name:	S0274002714

Bridge Inspection Field Sketch

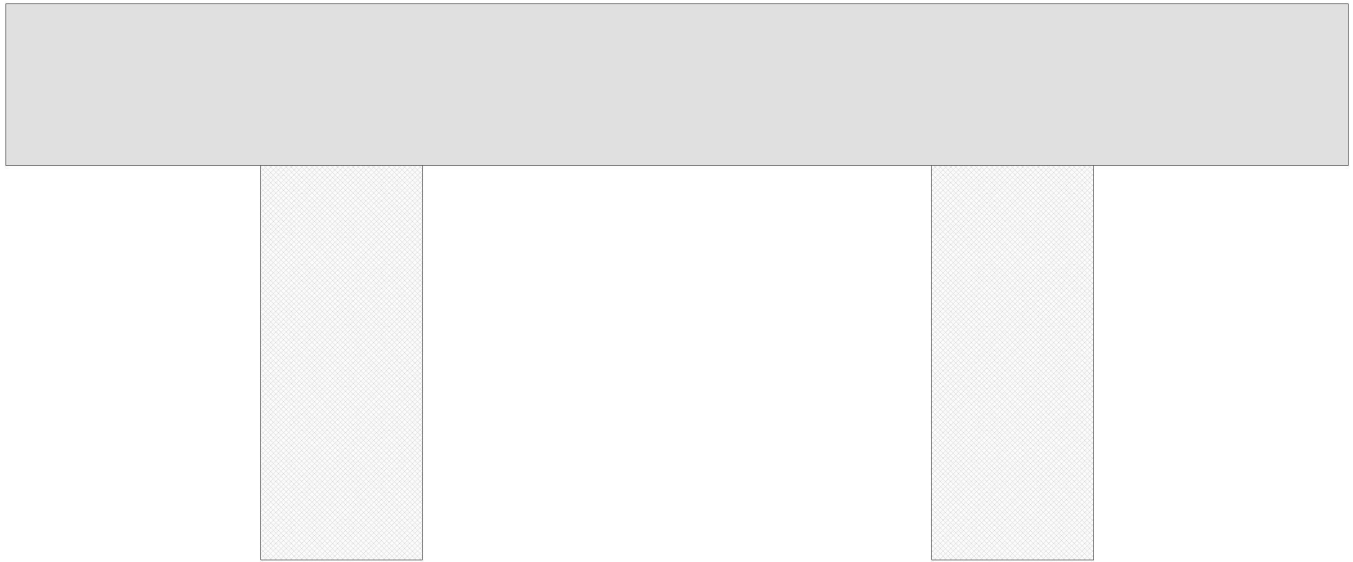


Bent Cap Segment 1 Information						Material Cast-in-Place Concrete				
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
48.5 ft.	4.0ft	4.5 ft.	11.5 ft.	11.5 ft.	2.5 ft.	2.323 ft.				
Bent Cap Segment 2 Information						Material Cast-in-Place Concrete				
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
33.58 ft.	4.5ft	4.5 ft.	8.0 ft.	8.0 ft.	2.354 ft.	2.5 ft.				
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	25.5 ft.	5.0 ft.			Vertical	No	No	No	No
2	Concrete	20.568 ft.	5.0 ft.			Vertical	No	No	No	No
3	Concrete	17.58 ft.	5.0 ft.			Vertical	No	No	No	No
4	Concrete		5.0 ft.			Vertical	No	No	No	No
Bent: 28						Similar Bent: 29				

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title			Description		
SUBSTRUCTURE - 8			BENTS 28 & 29 PROFILE		
Bridge No:	640013	Drawn By:	BC	Date:	05/19/2008
				File Name:	S0038000310

Bridge Inspection Field Sketch

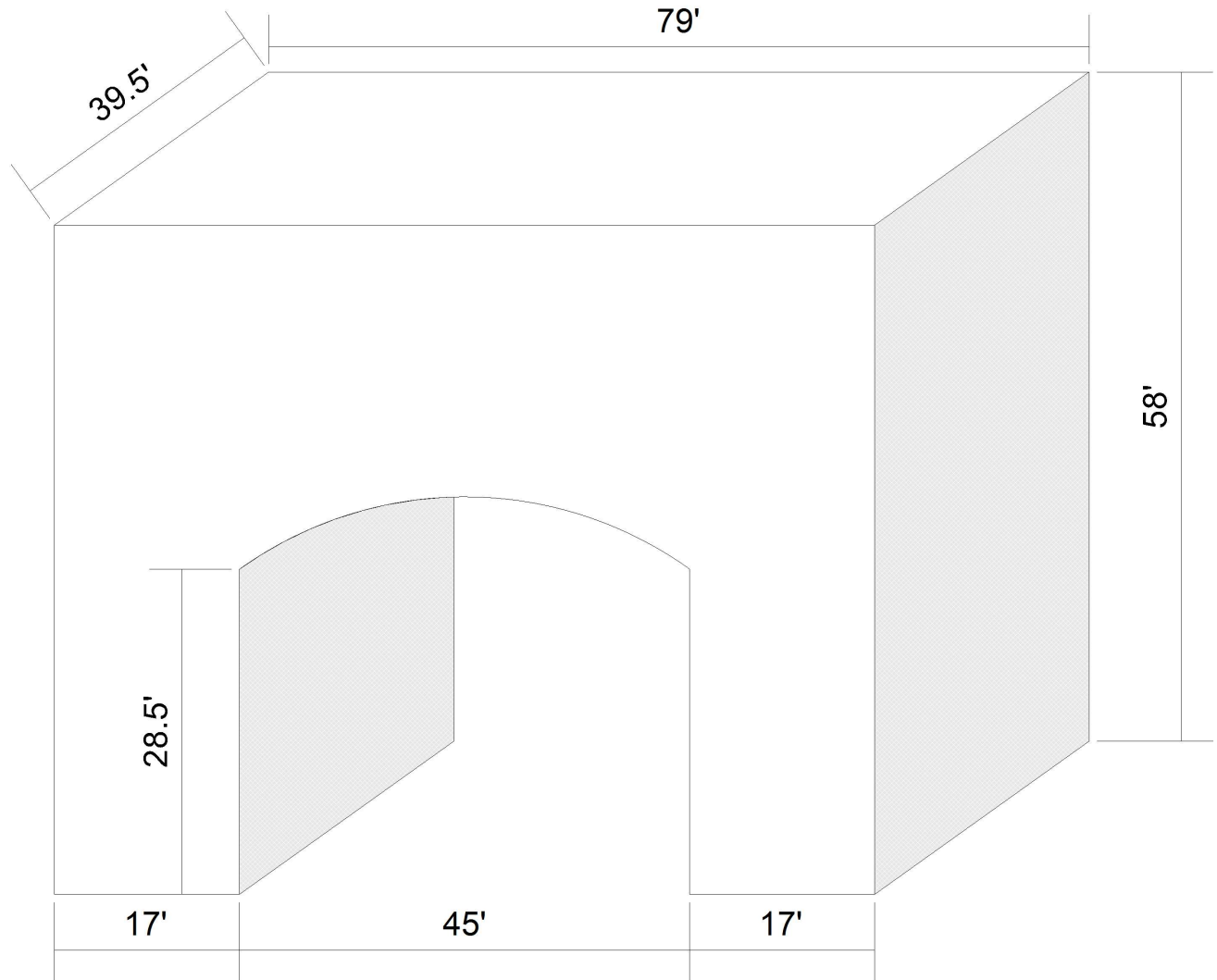


Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
29.0 ft.	3.5 ft.	3.0 ft.	7.25 ft.	7.25 ft.	2.5 ft.	2.5 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	14.5 ft.	3.5 ft.			Vertical	No	No	No	No
2	Concrete		3.5 ft.			Vertical	No	No	No	No
Bent: 30			Similar Bent: 31							

MODIFIED BY KEITH PROCTOR ON 20-DEC-2021 [CHANGES DENOTED IN RED]

Title		Description	
SUBSTRUCTURE - 9		BENTS 30 & 31 PROFILE (RAMP)	
Bridge No: 640013	Drawn By: BC	Date: 05/19/2008	File Name: S0038000314

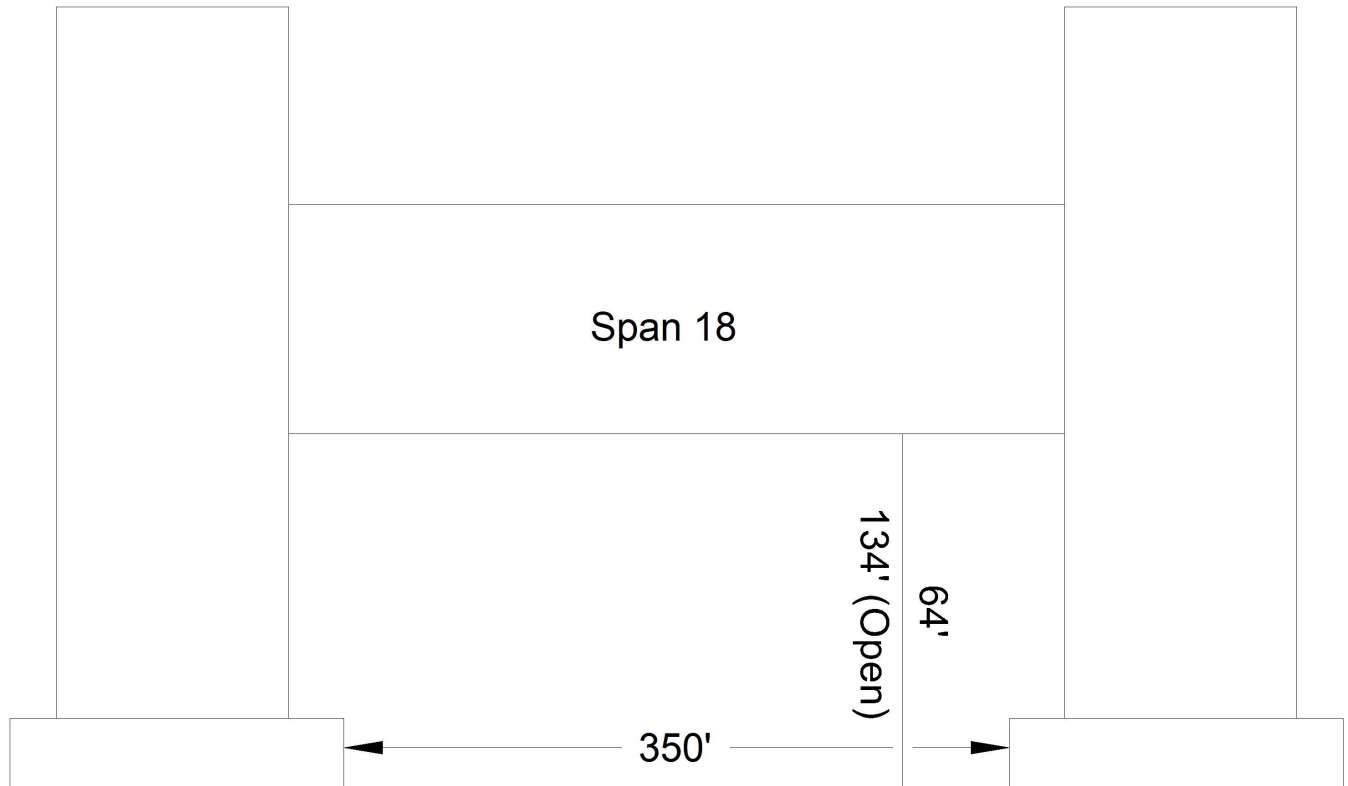
Bridge Inspection Field Sketch



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
SUBSTRUCTURE - 10		PIER 16 - PIER 17 DIMENSIONS	
Bridge No:	640013	Drawn By:	JRW
Date:	3/21/2016	File Name:	S0186013883

Bridge Inspection Field Sketch



Cape Fear River

Clearance varies due to the tide.

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

LIFT SPAN NAVIGATIONAL CLEARANCES

Description

NAVIGATIONAL CLEARANCES

Bridge No: 640013

Drawn By: BC

Date: 05/19/2008

File Name: S0042001564

Bridge Inspection Field Sketch

NORTH
←

↑ BENTS 18 - 30 AND END BENT 2

Seawall

40.8' BENT 17 35.1'

43.8' CHANNEL 45.1'

41.7' BENT 16 41.9'

27.4' BENT 15 31.5'

15.7' BENT 14 18.3'

FLOOD
←→
EBB

BENTS 13-17: INSPECTED FROM M/L-W/L

4.3' BENT 13 5.1'

W/S BENT 15, TOP OF PEDESTAL- 4.5'

BENT 12

WSWE at Bent 12

↓ BENTS 1 - 11 AND END BENT 1 ↓

VERIFIED BY JER 7/27/21

Title

PLAN VIEW

Description

CHANNEL OVERVIEW

Bridge No: 640013

Drawn By: JER

Date: 6/1/2017

File Name: S0178000635

Bridge Inspection Field Sketch

SCOUR

EXPOSURE HEIGHTS FROM TOP OF FOOTING

TOF- TOP OF FOOTING

BENT 13	NE	SE	NW	SW
2021	COV	COV	COV	COV
2008	4.8'	1.0'	4.0'	0
2012	1.0'	2.2'	COVERD	
2017	COVERD	TOF	COVERD	

VERIFIED BY JER 7/27/21

BENT 14	NE	SE	NW	SW
2021	6.1'	9.8'	5.8'	11'
2008	8.8'	8.9'	6.2'	6.2'
2012	5.9'	8.5'	5.5'	8.9'
2017	8'	10'	11'	10'

BENT 15	NE	SE	NW	SW
2021	14'	14'	10.1'	15'
2008	12.4'	13.9'	15'	11.6'
2012	14'	12.2'	11.5'	12'
2017	14'	15'	15'	15'

Title

SCOUR

Description

SCOUR PROFILE

Bridge No: 640013

Drawn By: JER

Date: 6/6/2017

File Name: S0174013361

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/21/2012

File Name: S0042061840

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 05/19/2008

File Name: S0042001565

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/21/2012

File Name: S0042061837

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/21/2012

File Name: S0042061838

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: DRC

Date: 02/17/2016

File Name: S0038000313

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/23/2010

File Name: S0038000743

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/21/2012

File Name: S0042061839

Bridge Inspection Field Sketch

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Title

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Description

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Bridge No: 640013

Drawn By: BC

Date: 2/20/2012

File Name: S0042061836

Bridge Inspection Field Sketch

FRACTURE CRITICAL MEMBERS AND CONDITIONS (SPANS 17-19)

Title

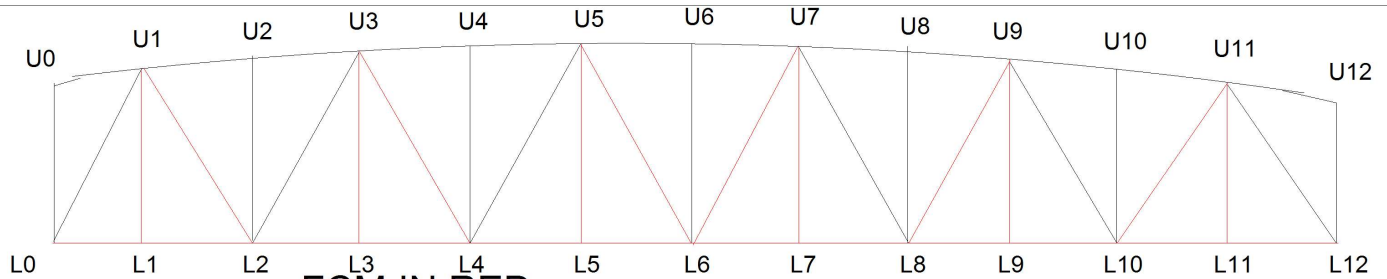
FRACTURE CRITICAL MEMBERS

Description

FRACTURE CRITICAL MEMBERS

Bridge No: 640013**Drawn By:** JHD**Date:** 2/1/2018**File Name:** S0374000365

Bridge Inspection Field Sketch



FCM IN RED

Fracture Critical Members South Side and ALL South Verticals

ITEM	LOCATION	GR.	COMMENTS
			ALL MEMBERS CLEANED AND PAINTED, SL AND PACK RUST REMAIN
BOTTOM CHORD	L0-L1	F	CLEANED AND PAINTED - AREAS OF 100% LOSS AROUND PORTAL AT L0
	L1-L2	F	CLEANED AND PAINTED
	L2-L3	F	CLEANED AND PAINTED
	L3-L4	F	CLEANED AND PAINTED
	L4-L5	F	CLEANED AND PAINTED
	L5-L6	F	AT L6 13'-3" REPAIR PL. OVER IMPACT DAMAGE - CLEANED AND PAINTED
	L6-L7	F	CLEANED AND PAINTED
	L7-L8	F	SL TO L8 GUSSET, INSIDE FACE, UP TO 0.136"D x 5"H x 12"W
	L8-L9	F	CLEANED AND PAINTED
	L9-L10	F	CLEANED AND PAINTED
	L10-L11	F	CLEANED AND PAINTED
	L11-L12	F	CLEANED AND PAINTED
VERTICALS	L1-U1	F	CLEANED AND PAINTED
	L2-U2	F	CLEANED AND PAINTED
	L3-U3	F	CLEANED AND PAINTED
	L4-U4	F	CLEANED AND PAINTED
	L5-U5	F	CLEANED AND PAINTED
	L6-U6	F	CLEANED AND PAINTED
	L7-U7	F	CLEANED AND PAINTED
	L8-U8	F	CLEANED AND PAINTED
	L9-U9	F	CLEANED AND PAINTED
	L10-U10	F	CLEANED AND PAINTED
	L11-U11	F	CLEANED AND PAINTED
	L12-U12	F	CLEANED AND PAINTED

Title FRACTURE CRITICAL MEMBERS SOUTH

Description
SOUTH TRUSS

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Bridge No: 640013

Drawn By: JAF

Date: 4/2/2008

File Name: S0194000210

Bridge Inspection Field Sketch

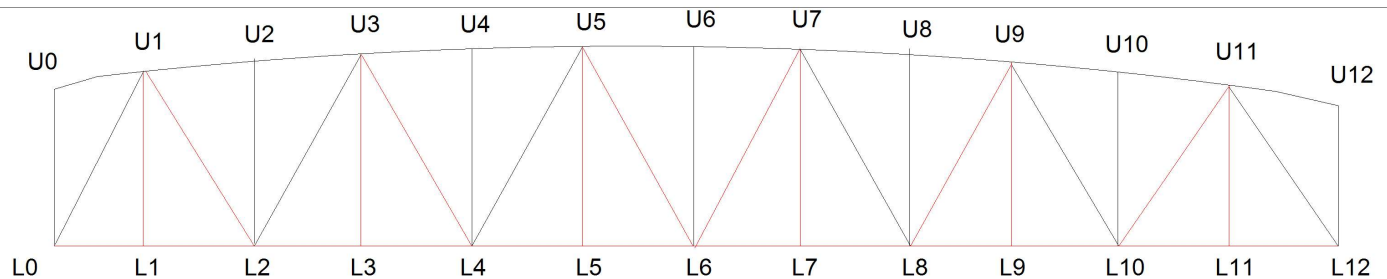
Diagonals and Top Chord Members South Side

ITEM	LOCATION	GRADE	COMMENTS:
ALL HAS BEEN CLEANED AND PAINTED			
DIAGONALS	L0-U1	5	
	L2-U1	5	
	L2-U3	5	
	L4-U3	5	
	L4-U5	5	
	L6-U5	5	
	L6-U7	5	
	L8-U7	5	
	L8-U9	5	
	L10-U9	5	
	L10-U11	5	
	L12-U11	5	
TOP CHORD	U0-U1	5	1/16" SECTION LOSS @U1 SPLICE CONN.
& GUSSETS	U1-U2	5	1/8-3/16" SECTION LOSS GUSSET PL @U2
	U2-U3	5	1/4" SECTION LOSS TOP GUSSET PL @U2 SPLICE
	U3-U4	5	1/4" SECTION LOSS @ U3
	U4-U5	5	3/8" PACK RUST BETWEEN TOP CHORD AND TOP GUSSET @ U5
	U5-U6	5	1/8-3/16" LOSS AROUND BOLTS OF U6-U6 CONN@U6 3/8" PACK RUST @ BOLT. GUSSET @ U6
	U6-U7	5	
	U7-U8	5	1/4" PACK RUST @ TOP GUSSET AND LATERAL BRACING CONNECTION @ U8
	U8-U9	5	50% LOSS OF 3 BOLTS OF U8-U8 CONN@U8 3/8" PACK RUST BETWEEN TOP CHORD AND TOP GUSSET @ U9. 1/8" SECTION LOSS IN GUSSET
	U9-U10	5	3/8" PACK RUST BETWEEN TOP CHORD AND TOP GUSSET @ U10
	U10-U11	5	
	U11-U12	5	

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title SOUTH DIAGONALS AND TOP CHORD MEMBERS		Description TRUSS SOUTH	
Bridge No: 640013	Drawn By: JAF	Date: 4/2/2008	File Name: S0194000211

Bridge Inspection Field Sketch



FCM IN RED

Fracture Critical Members North Side and ALL North Verticals

ITEM	LOCATION	GR.	ALL MEMBERS CLEANED AND PAINTED - SL AND PACK RUST REMAIN
BOTTOM CHORD	L0-L1	F	PERFORATIONS UP TO 1/2" AROUND PORTAL IN BOTT CHORD AT L0 CONN
	L1-L2	F	1/8" TO 3/16" DEEP PITTING TO BOTT OF CHORD AT L2 INSIDE CONN
	L2-L3	F	PITTED AREAS UP TO 1/8"D x 3'L x 2"H ON INSIDE FACES OF L2 GUSSETS
	L3-L4	F	CLEANED AND PAINTED
	L4-L5	F	CLEANED AND PAINTED
	L5-L6	F	L5NE N&S CONN. 1/8"-3/16" SL ON GUSSET AND TOP OF CHORD
	L6-L7	F	CLEANED AND PAINTED
	L7-L8	F	CLEANED AND PAINTED
	L8-L9	F	L8NE LOWER CHORD 4X4 AREA 5/16"L EST.
	L9-L10	F	CLEANED AND PAINTED
	L10-L11	F	1-1/2" x 3/16" HOLE ON BOTT. INSIDE CORNER @ L10 NORTH, w/ 1-1/2"L CRACK PROP. FROM W SIDE
	L11-L12	F	1/2" HOLE IN BOTTOM 3FT FROM L12 AT L12 3/16" TO 100% SECTION LOSS AROUND BOTTOM PORTAL
VERTICALS	L1-U1	F	CLEANED AND PAINTED
	L2-U2	F	CLEANED AND PAINTED
	L3-U3	F	CLEANED AND PAINTED
	L4-U4	F	CLEANED AND PAINTED
	L5-U5	F	CLEANED AND PAINTED 1/2", PACK RUST BETWEEN BOTTOM SWAY BRACING CONNECTION AND VERTICAL @ U5, U3 SIMILAR
	L6-U6	F	CLEANED AND PAINTED
	L7-U7	F	CLEANED AND PAINTED
	L8-U8	F	CLEANED AND PAINTED
	L9-U9	F	CLEANED AND PAINTED
	L10-U10	F	CLEANED AND PAINTED
	L11-U11	F	CLEANED AND PAINTED
	L12-U12	F	CLEANED AND PAINTED

Title Fracture Critical Members NORTH

Description

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Truss Members

Bridge No: 640013

Drawn By: JAF

Date: 4/2/2008

File Name: S0194000208

Bridge Inspection Field Sketch

Fracture Critical Members Continued North Side

NOTE: ALL AREAS HAVE BEEN CLEANED AND PAINTED, SECTION LOSS AND PACKRUST STILL REMAIN.

ITEM	LOCATION	GRADE	COMMENTS
DIAGONALS	L0-U1	F	CLEANED AND PAINTED
	L2-U1	F	CLEANED AND PAINTED
	L2-U3	F	CLEANED AND PAINTED
	L4-U3	F	CLEANED AND PAINTED
	L4-U5	F	CLEANED AND PAINTED
	L6-U5	F	CLEANED AND PAINTED
	L6-U7	F	CLEANED AND PAINTED
	L8-U7	F	CLEANED AND PAINTED
	L8-U9	F	CLEANED AND PAINTED
	L10-U9	F	CLEANED AND PAINTED
	L10-U11	F	CLEANED AND PAINTED
	L12-U11	F	CLEANED AND PAINTED
TOP CHORD	U0-U1	F	5/8" PACK RUST BETWEEN TOP CHORD & TOP GUSSET @ U0 (CLEANED & PAINTED)
	U1-U2	F	CLEANED AND PAINTED
	U2-U3	F	TOP GUSSET PL 1/8"-3/16" LOSS @U2 (SEE BELOW) CLEANED & PAINTED
	U3-U4	F	TOP GUSSET PL 1/8"REMAINING SECTION FOR 1" @U3 (SEE BELOW) CLEANED & PAINTED
	U4-U5	F	5/8" PACK RUST BETWEEN LATERAL & TOP GUSSET @ U4, 3/16" PITTING IN GUSSET (CLEANED & PAINTED)
	U5-U6	F	CLEANED AND PAINTED
	U6-U7	F	CLEANED AND PAINTED
	U7-U8	F	3/8" PACK RUST BETWEEN TOP CHORD SPLICE PLATE & TOP GUSSET @ U7, 1/4" PITTING IN GUSSET
	U8-U9	F	TOP GUSSET PLATE & TOP CHORD 3/8" PACK RUST @ U8, 1/8" SECTION LOSS IN GUSSET.
	U9-U10	F	3 INTERIOR SPLICE NUTS HAVE 25% LOSS @U9 (CLEANED & PAINTED)
	U10-U11	F	3/16" PACK RUST BETWEEN LATERAL & TOP GUSSET @ U10 CLEANED & PAINTED
	U11-U12	F	3/16" PACK RUST BETWEEN TOP CHORD & GUSSET (STANDARD) @ U12 CLEANED & PAINTED

UP TO 1/2" PACK RUST BETWEEN TOP CHORD SPLICE PLATE & TOP GUSSET @ U9

1/2" PACK RUST BETWEEN TOP CHORD SPLICE PLATE & TOP GUSSET @ U3, 3/16" PITTING & SECTION LOSS DOWN TO KNIFE EDGE IN GUSSET

3/8" PACK RUST BETWEEN TOP CHORD & TOP GUSSET @ U2, 1/4" PITTING IN GUSSET

SL AND PITTING IN L10 N INSIDE GUSSET ABOVE BOTTOM CHORD - 3"L x 3"H UP TO 0.125" DEEP

SL AND PITTING IN L8 N INSIDE GUSSET ABOVE BOTTOM CHORD - 3"L x 3"H UP TO 0.193" DEEP

SL AND PITTING IN LOWER LAT GUSSET AT NE CORNER, 4"W x 3"L WITH 0.23" REMAINING

SL AND PITTING AT BOTTOM OF L6 N INSIDE GUSSET - 3"L x 3"H UP TO 0.193" DEEP

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FRACTURE CRITICAL MEMBERS NORTH CONT.

Description

TRUSS MEMBERS

Bridge No: 640013

Drawn By: JAF

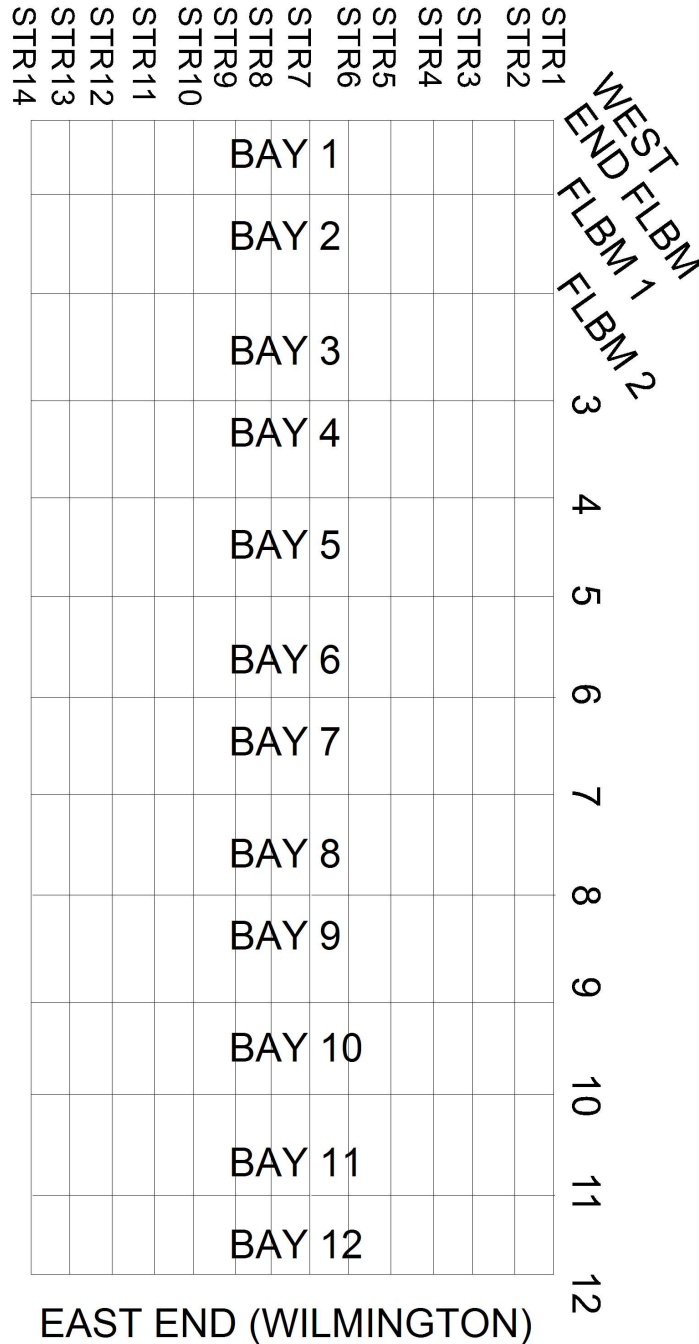
Date: 4/2/2008

File Name: S0194000209

Bridge Inspection Field Sketch

FLOOR PLAN FOR TRUSS SPAN INSPECTION

FLOOR BEAMS SHOULD BE CONSIDERED FRACTURE CRITICAL



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR PLAN FLBM & STR

Description

TRUSS SPAN FLOOR BEAM & STRINGERS

Bridge No: 640013

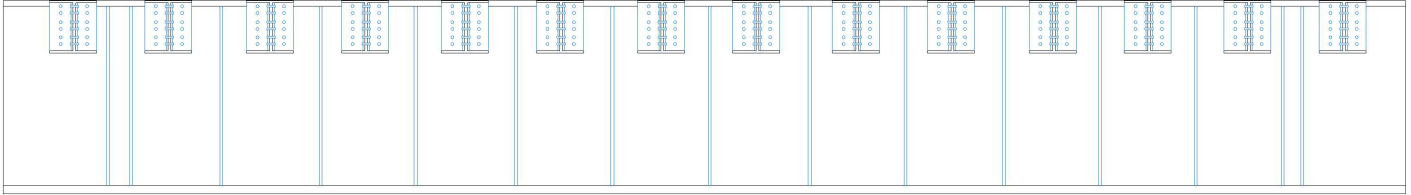
Drawn By: DRB

Date: 4/24/2008

File Name: S0190000327

Bridge Inspection Field Sketch

FLOOR BEAM 0 WEST END FLBM



NOTE: BOTH EAST AND WEST END FLOOR BEAMS HAVE A LARGER CONNECTION ANGLE AND A KNEE BRACE FOR THE STRINGERS.

1/4" SL IN WEB AT BOTTOM FLANGE, 2'-3"H x FULL LENGTH OF FLOORBEAM.

UP TO 7/16" SECTION LOSS IN WEST BOTTOM FLANGE FROM CENTER TO SOUTH END.

SECTION LOSS TO KNIFE EDGE IN BOTTOM 4" OF VERTICAL STIFFENER PLATES FROM STR 3-7 AND 8-12 WITH HOLES UP TO 1" IN DIAMETER AT VS 4 AND 5.

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR BEAM 0

Description

FLOOR BEAM 0 WEST END FLOOR BE
AM

Bridge No: 640013

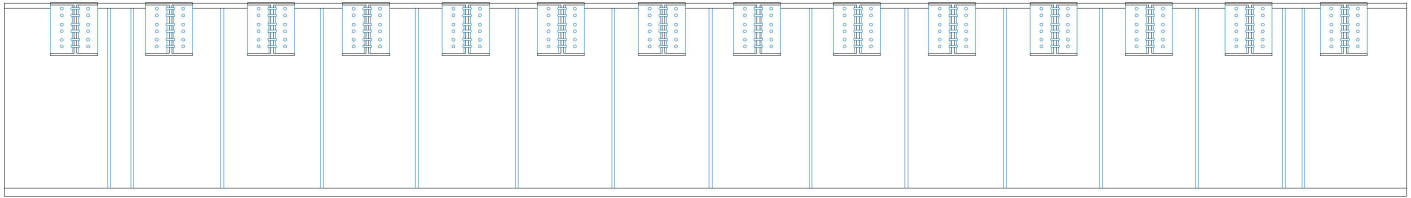
Drawn By: DRB VERIFIED 3/22/18 JRW

Date: 5/23/2008

File Name: S0190000332

Bridge Inspection Field Sketch

FLOOR BEAM 1



STRINGER 1- FLOOR BEAM NE ANGLE CONN. 3" TOP **REPAIRED**
STRINGER 1- FLOOR BEAM SE ANGLE CONN. 2 1/8" TOP **REPAIRED**
STRINGER 2- FLOOR BEAM NE ANGLE CONN. 4 1/2" TOP 5" TOP BOLT 2 5/8" BTM **REPAIRED**
STRINGER 2- FLOOR BEAM SE ANGLE CONN. 5" TOP 3 1/2" TOP BOLT 2 3/4" X 1" HOLE BTM **REPAIRED**
STRINGER 3- FLOOR BEAM NE ANGLE CONN. 5" TOP 8" TOP BOLT **REPAIRED**
STRINGER 3- FLOOR BEAM SE ANGLE CONN. 6 3/4" TOP 8 3/4" TOP BOLT 2" BTM **REPAIRED**
STRINGER 4- FLOOR BEAM NE ANGLE CONN. 3 3/4" TOP 2 1/2" TOP BOLT **REPAIRED**
STRINGER 4- FLOOR BEAM SE ANGLE CONN. 3" TOP 2 1/2" TOP BOLT **REPAIRED**
STRINGER 11- FLOOR BEAM NE ANGLE CONN. 2 1/4" TOP **REPAIRED**
STRINGER 12- FLOOR BEAM NE ANGLE CONN. 2" TOP 2" TOP BOLT 3" BTM **REPAIRED**
STRINGER 12- FLOOR BEAM SE ANGLE CONN. 7" TOP 3" BTM **REPAIRED**
STRINGER 13- FLOOR BEAM SE ANGLE CONN. 4 1/2" BTM **REPAIRED**

30% SECTION LOSS IN BTM OF NW STR3 TO FLBM CONN ANGLE **REPAIRED**
30% SECTION LOSS IN BTM OF SW STR3 TO FLBM CONN ANGLE **REPAIRED**
10% SECTION LOSS IN BTM OF NW STR4 TO FLBM CONN ANGLE **REPAIRED**
10% SECTION LOSS IN BTM OF SW STR4 TO FLBM CONN ANGLE **REPAIRED**
5% SECTION LOSS IN BTM OF NW STR6 TO FLBM CONN ANGLE **REPAIRED**
5% SECTION LOSS IN BTM OF SW STR6 TO FLBM CONN ANGLE **REPAIRED**

VERTICAL FLOOR BEAM STIFFNERS ON EAST SIDE OF FLOOR BEAM:

BETWEEN STRINGERS 1&2 1" HOLE X 4" LONG IN BTM **REPAIRED**
BETWEEN STRINGERS 2&3 50% LOSS IN BTM **REPAIRED**
BETWEEN STRINGERS 4&5 2" HOLE IN BTM **REPAIRED**
BETWEEN STRINGERS 5&6 2" HOLE IN BTM **REPAIRED**
VERT STIFFENER 9 HAS 1/4" HOLE IN BTM

VERTICAL FLOOR BEAM STIFFNERS ON WEST SIDE OF FLOOR BEAM:

BETWEEN STRINGERS 1&2 20% LOSS IN BTM **REPAIRED**
BETWEEN STRINGERS 2&3 1" HOLE IN BTM **REPAIRED**

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
FLOOR BEAM 1 WEST AND EAST

Description
DEFICIENCIES

Bridge No: 640013

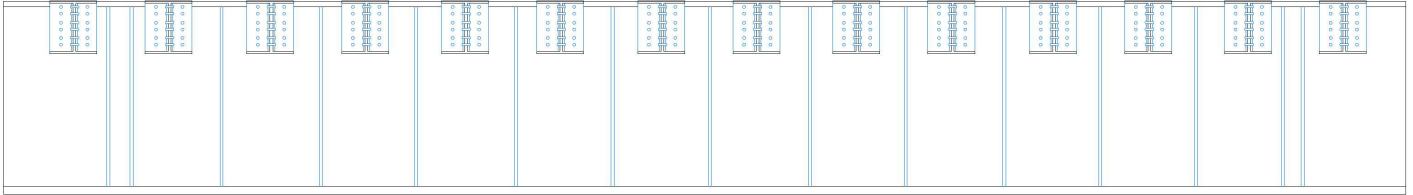
Drawn By: DRB

Date: 5/15/2008

File Name: S0190000328

Bridge Inspection Field Sketch

FLOOR BEAM 2 EAST AND WEST



CRACKS IN CONNECTION ANGLES:

STRINGER 1- FLOOR BEAM SE ANGLE CONN. 4 1/2" TOP 2 1/2" TOP BOLT REPAIRED
STRINGER 1- FLOOR BEAM NE ANGLE CONN. 5" TOP 2" BTM REPAIRED
STRINGER 2- FLOOR BEAM NE ANGLE CONN. 6 1/2" TOP 4 3/4" TOP BOLT 3 BTM REPAIRED
STRINGER 2- FLOOR BEAM SE ANGLE CONN. 12" TOP 2" TOP BOLT 4" BTM 2" X 3/4" HOLE REPAIRED
STRINGER 3- FLOOR BEAM NE ANGLE CONN. 9" TOP 2" BTM 5% LOSS IN BTM REPAIRED
STRINGER 3- FLOOR BEAM SE ANGLE CONN. 4" TOP 3 1/2" TOP BOLT 5% LOSS IN BTM REPAIRED
STRINGER 4- FLOOR BEAM NE ANGLE CONN. 4" TOP 2 1/2" TOP BOLT REPAIRED
STRINGER 4- FLOOR BEAM SE ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 5- FLOOR BEAM NE ANGLE CONN. 1/2" BTM & 15% LOSS IN BTM REPAIRED
STRINGER 6- FLOOR BEAM NE ANGLE CONN. 15% LOSS IN BTM REPAIRED
STRINGER 6- FLOOR BEAM SE ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 7- FLOOR BEAM NE ANGLE CONN. 10% LOSS IN BTM REPAIRED
STRINGER 11- FLOOR BEAM NE ANGLE CONN. 3 1/2" TOP REPAIRED
STRINGER 11- FLOOR BEAM NE ANGLE CONN. 3 1/2" TOP REPAIRED
STRINGER 12- FLOOR BEAM NE ANGLE CONN. 4 1/2" TOP 2" TOP BOLT 3 1/2" BTM REPAIRED
STRINGER 12- FLOOR BEAM SE ANGLE CONN. 6" TOP 4" BTM 4" TOP BOLT REPAIRED
STRINGER 13- FLOOR BEAM SE ANGLE CONN. 5 1/2" TOP 2 1/2" TOP BOLT REPAIRED
STRINGER 13- FLOOR BEAM NE ANGLE CONN. 9" TOP 3" BTM REPAIRED
STRINGER 2- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 3- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 4- FLOOR BEAM NW ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 4- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BTM REPAIRED
STRINGER 7- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BTM REPAIRED

3/16" SECTION LOSS TO EAST SIDE OF FLBM UNDER STR 12 REPAIRED
1/8" FULL WIDTH SECTION LOSS TO BTM FL OF FLBM AT LAT GUSSET CONN. REPAIRED
1/8" LOSS IN EAST AND WEST VERT STIFFENER BOTTOMS UNLESS NOTED REPAIRED

VERTICAL FLOOR BEAM STIFFNERS ON EAST SIDE OF FLOOR BEAM:

HOLES BETWEEN STRINGERS 1&2, 2&3, 3&4, 4&5, 5&6, 7&8, 9&10, 11&12 IN BTM REPAIRED

VERTICAL FLOOR BEAM STIFFNERS ON WEST SIDE OF FLOOR BEAM:

BETWEEN STRINGERS 1&2, 5&6, 2" HOLE IN BTM REPAIRED

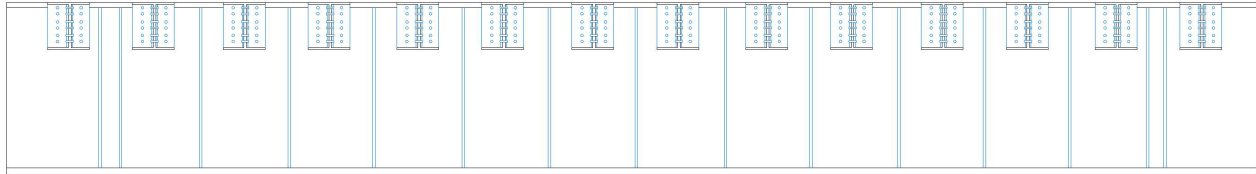
BETWEEN STRINGERS 2&3, 3&4 20% LOSS IN BTM REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description		
FLOOR BEAM 2 EAST AND WEST		DEFICIENCIES		
Bridge No:	640013	Drawn By:	DRB	Date: 5/16/2008
		File Name:		S0190000329

Bridge Inspection Field Sketch

FLOOR BEAM 3 EAST AND WEST



FLOOR BEAM 3 WEST SIDE STRINGER 5 5% SECTION LOSS SOUTH ANGLE **REPAIRED**
FLBM 3 WEST SIDE STRINGER 4 8% SECTION LOSS SOUTH AND NORTH ANGLE **REPAIRED**
FLBM 3 WEST SIDE STRINGER 3 5% SECTION LOSS SOUTH ANGLE BOTTOM **REPAIRED**
FLBM 3 WEST SIDE STRINGER 3 CRACK 2" BOTTOM 10% SECTION LOSS NORTH ANGLE **REPAIRED**
FLBM 3 WEST SIDE SECTION LOSS TO 1/4" NORTH OF STRINGER 3 NORTH ANGLE **REPAIRED**
FLBM 3 WEST SIDE STRINGER 2 SOUTH ANGLE 2" CRACK IN BOTTOM 20% SECTION LOSS IN BOTTOM **REPAIRED**
FLBM 3 WEST SIDE STRINGER 2 NORTH ANGLE 2" CRACK IN BOTTOM **REPAIRED**
STRINGER 1 TO FLOOR BEAM NE ANGLE CONN CRACK 3" IN TOP **REPAIRED**
STRINGER 1 TO FLOOR BEAM SE ANGLE CONN CRACK 3 1/2" IN TOP **REPAIRED**
STRINGER 2 TO FLOOR BEAM NE ANGLE CONN CRACK 10" IN TOP 1 1/2" TOP BLT **REPAIRED**
STRINGER 2 TO FLOOR BEAM SE ANGLE CONN CRACK 4 1/2" TOP 5" TOP BLT 10% LOSS BTM **REPAIRED**
STRINGER 3 TO FLOOR BEAM NE ANGLE CONN CRACK 5" TOP 7" TOP BLT **REPAIRED**
STRINGER 3 TO FLOOR BEAM SE ANGLE CONN CRACK 9 1/2" TOP 5% LOSS BTM **REPAIRED**
STRINGER 4 TO FLOOR BEAM NE ANGLE CONN CRACK 5" TOP 3" TOP BOLT **REPAIRED**
STRINGER 4 TO FLOOR BEAM SE ANGLE CONN CRACK 3" TOP LOSS BTM=4"Hx2"Wx3/16" **REPAIRED**
STRINGER 7 TO FLOOR BEAM SE ANGLE CONN 10% LOSS BTM **REPAIRED**
STRINGER 12 TO FLOOR BEAM NE ANGLE CONN CRACK 7" IN TOP 2" TOP BOLT **REPAIRED**
STRINGER 12 TO FLOOR BEAM SE ANGLE CONN CRACK 7" TOP 2" TOP BOLT 2" BTM **REPAIRED**
STRINGER 13 TO FLOOR BEAM NE ANGLE CONN CRACK 7" TOP 2" TOP BOLT 3" BTM **REPAIRED**
STRINGER 13 TO FLOOR BEAM SE ANGLE CONN CRACK 3 1/2" TOP 2" TOP BOLT **REPAIRED**
STRINGER 14 TO FLOOR BEAM NE ANGLE CONN CRACK 4" TOP **REPAIRED**
1/8" SECTION LOSS IN BOTTOMS OF VERTICAL STIFFENERS UNLESS NOTED **REPAIRED**
HOLES IN BOTTOMS OF FLOORBEAM VERTICAL STIFFENERS:
WEST SIDE OF FLOOR BEAM BETWEEN STRINGERS 2&3, 8&9, 10&11 **REPAIRED**
UP TO 90% SECTION LOSS EAST SIDE VERT STIFF BETWEEN STRINGERS 2&3, 3&4 **REPAIRED**

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR BEAM 3 EAST AND WEST

Description

FLOOR BEAM 3 EAST AND WEST

Bridge No: 640013

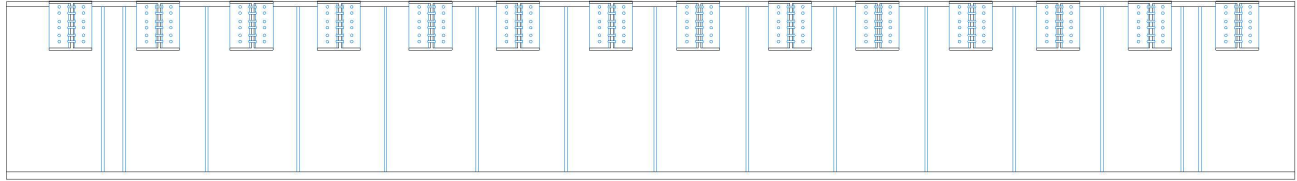
Drawn By: MM

Date: 5/19/2008

File Name: S0194000222

Bridge Inspection Field Sketch

FLOOR BEAM 4 WEST AND EAST SIDE



WEST SIDE

FLOOR BEAM 4 WEST SIDE STRINGER 3 SOUTH ANGLE 3/16" SECTION LOSS IN BOTTOM 4"H x 4"W **REPAIRED**

FLOOR BEAM 4 WEST SIDE STRINGER 8 NORTH ANGLE 90% SECTION LOSS IN BOTTOM **REPAIRED**

FLOOR BEAM 4 WEST SIDE STRINGER 13 NORTH ANGLE 2" CRACK BOTTOM **REPAIRED**

EAST SIDE

FLOOR BEAM 4 EAST SIDE STRINGER 2 SOUTH ANGLE CRACKS 8-1/2" TOP 3-1/2" BOLTS **REPAIRED**

FLOOR BEAM 4 ES STRINGER 2 NORTH ANGLE CRACKS 7 1/2" TOP 1 1/2" BOTTOM 7" BOLT HOLES TOP **REPAIRED**

FLOOR BEAM 4 ES STRINGER 1 SOUTH ANGLE CRACKS 4" IN TOP **REPAIRED**

FLOOR BEAM 4 ES STRINGER 1 NORTH ANGLE CRACKS 3" IN TOP **REPAIRED**

FLBM 4 ES STRINGER 11 SOUTH ANGLE CRACK 3 1/2" IN TOP **REPAIRED**

FLBM 4 ES STRINGER 11 NORTH ANGLE CRACK 3" IN TOP **REPAIRED**

FLBM 4 ES STRINGER 12 SOUTH ANGLE CRACK 4" TOP 3" TOP OF BOLTS **REPAIRED**

FLBM 4 ES STRINGER 12 NORTH ANGLE CRACK 3 1/2" TOP 3" TOP OF BOLTS **REPAIRED**

FLBM 4 ES STRINGER 13 SOUTH ANGLE CRACK 3 1/2" TOP 2" TOP OF BOLTS **REPAIRED**

FLBM 4 ES STRINGER 13 NORTH ANGLE CRACK 6" TOP 3" TOP OF BOLTS AND 4" CRACK BOTTOM OF ANGLE **REPAIRED**

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

LOWER TRUSS BEAM 4

Description

FLOOR BEAM 4 WEST AND EAST SIDE

Bridge No: 640013

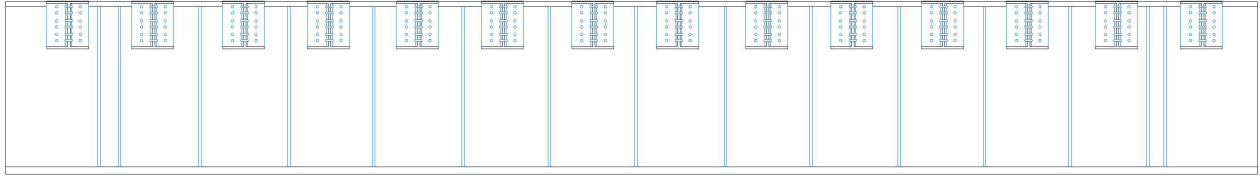
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Date: 5/14/2008

File Name: S0194000217

Bridge Inspection Field Sketch

FLOOR BEAM 5 WEST AND EAST



FLOOR BEAM 5 EAST SIDE STRINGER 5 NORTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
FLOOR BEAM 5 EAST SIDE STRINGER 4 SOUTH ANGLE CRACK 2 1/2" IN TOP REPAIRED
FLOOR BEAM 5 EAST SIDE STRINGER 4 NORTH ANGLE CRACK 4" TOP 1 1/2" BOLTS TOP REPAIRED
FLBM 5 ES STRINGER 3 SOUTH ANGLE CRACK 3" TOP 3" BOLTS TOP REPAIRED
FLBM 5 ES STRINGER 3 NORTH ANGLE CRACK 8" TOP 8" BOLTS TOP REPAIRED
FLBM 5 ES STRINGER 2 NORTH ANGLE CRACK 4 1/2" TOP 3 1/2" BOLTS TOP REPAIRED
FLBM 5 ES STRINGER 11 NORTH ANGLE CRACK 3" IN TOP REPAIRED
FLBM 5 ES STRINGER 12 SOUTH ANGLE CRACK 3" IN TOP REPAIRED
FLBM 5 ES STRINGER 12 NORTH ANGLE CRACK 5 1/2" TOP 2" BESIDE BOLTS TOP REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
FLOOR BEAM 5 WEST AND EAST

Description
FLOOR BAEM 5 WEST AND EAST

Bridge No: 640013

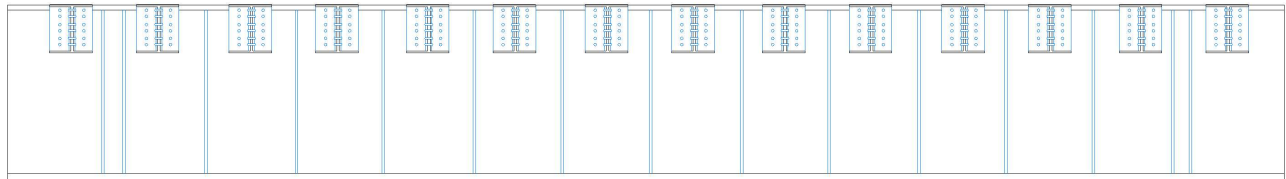
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Date: 5/14/2008

File Name: S0194000218

Bridge Inspection Field Sketch

FLOORBEAM 6 WEST AND EAST



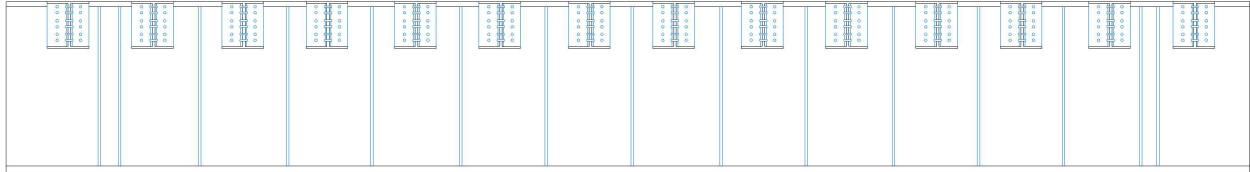
FLOOR BEAM 6 WEST SIDE STRINGER 1 NORTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 1 SOUTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS SECTION LOSS IN WEB SOUTH SIDE BOTTOM STRINGER 2 4" IN DIA. REPAIRED
 FLBM 6 WS STRINGER 2 NORTH ANGLE 10% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 2 SOUTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 3 SOUTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 3 NORTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS 3" DIA. SECTION LOSS IN WEB UNDER STRINGER 3 ANGLE SOUTH SIDE REPAIRED
 FLBM 6 WS STRINGER 4 SOUTH ANGLE 20% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 4 NORTH ANGLE 10% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 5 NORTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 WS STRINGER 5 SOUTH ANGLE 10% SECTION LOSS IN BOTTOM REPAIRED
 FLBM 6 ES STRINGER 2 NORTH ANGLE CRACK 11 1/2" TOP 5 1/2" IN BOTTOM REPAIRED
 FLBM 6 ES STRINGER 2 SOUTH ANGLE CRACK 4" TOP 3" BOLTS TOP 5" BOTTOM REPAIRED
 FLBM 6 ES STRINGER 3 NORTH ANGLE CRACK 7 1/2" TOP 8" BOLTS TOP 4" BOTTOM REPAIRED
 FLBM 6 ES STRINGER 3 SOUTH ANGLE CRACK 11" TOP 3 1/2" IN BOTTOM REPAIRED
 FLBM 6 ES STRINGER 4 NORTH ANGLE CRACK 6" TOP 4" IN BOTTOM REPAIRED
 FLBM 6 ES STRINGER 4 SOUTH ANGLE CRACK 5 1/2" TOP 3" TOP BOLTS REPAIRED
 FLBM 6 ES STRINGER 8 SOUTH ANGLE CRACK 3" IN TOP REPAIRED
 FLBM 8 ES STRINGER 8 SOUTH ANGLE CRACK 3" IN TOP REPAIRED
 FLBM 6 ES STRINGER 8 NORTH ANGLE CRACK 2" IN TOP REPAIRED
 FLBM 6 ES STRINGER 9 SOUTH ANGLE CRACK 2" IN TOP REPAIRED
 FLBM 6 ES STRINGER 9 NORTH ANGLE CRACK 3" IN TOP REPAIRED
 FLBM 6 ES STRINGER 10 SOUTH ANGLE CRACK 2" IN TOP REPAIRED
 FLBM 6 ES STRINGER 10 NORTH ANGLE CRACK 5" IN TOP REPAIRED
 FLBM 6 ES STRINGER 11 SOUTH ANGLE CRACK 3" IN TOP REPAIRED
 FLBM 6 ES STRINGER 12 NORTH ANGLE CRACK 8" IN TOP 1/2" BOLTS TOP REPAIRED
 FLBM 6 ES STRINGER 12 SOUTH ANGLE CRACK 8" IN TOP REPAIRED
 FLBM 6 ES STRINGER 13 NORTH ANGLE CRACK 6" IN TOP REPAIRED
 FLBM 6 ES STRINGER 13 SOUTH ANGLE CRACK 5" IN TOP REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
FLOOR BEAM 6 WEST AND EAST		FLOOR BEAM 6 WEST AND EAST	
Bridge No:	640013	Drawn By:	MM
Date:	5/14/2008	File Name:	S0194000219

Bridge Inspection Field Sketch

FLOORBEAM 7 WEST AND EAST



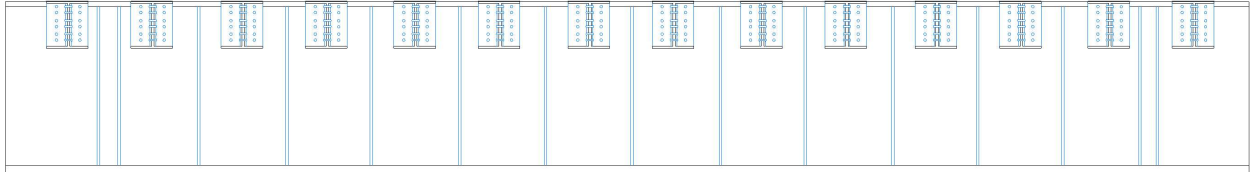
FLOORBEAM 7 WEST SIDE STRINGER 2 NORTH ANGLE CRACK 7" TOP 1" BOLTS TOP 3" BOTTOM REPAIRED
FLOORBEAM 7 WEST SIDE STRINGER 2 SOUTH ANGLE CRACK 5" TOP 5" BOLTS TOP 3 1/2" BOTTOM REPAIRED
FLBM 7 WS STRINGER 3 NORTH ANGLE CRACK 11 1/2" TOP 3 1/2" BOLTS TOP 2" BOTTTOM REPAIRED
FLBM 7 WS STRINGER 3 SOUTH ANGLE CRACK 8 1/2" TOP 7" BOLTS TOP 1/2" BOTTOM REPAIRED
FLBM 7 WS STRINGER 4 SOUTH ANGLE CRACK 7" TOP REPAIRED
FLBM 7 WS STRINGER 11 NORTH ANGLE CRACK 2 1/2" TOP REPAIRED
FLBM 7 WS STRINGER 11 SOUTH ANGLE CRACK 2" TOP REPAIRED
FLBM 7 WS STRINGER 12 SOUTH ANGLE CRACK 3" TOP REPAIRED
FLBM 7 WS STRINGER 12 NORTH ANGLE CRACK 4" TOP REPAIRED
FLBM 7 WS STRINGER 13 MISSING TOP BOLT IN ANGLE CONNECTION REPAIRED
1" DIA. HOLE IN BOTTOM OF VERT STIFF #9 EAST SIDE

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
FLOOR BEAM 7 EAST AND WEST		FLOOR BEAM 7 EAST AND WEST	
Bridge No: 640013	Drawn By: MM	Date: 5/15/2008	File Name: S0194000220

Bridge Inspection Field Sketch

FLOOR BEAM 8 WEST AND EAST



STRINGER1 TO FLOOR BEAM CRACKED SW CONN. ANGLE 3 1/2" TOP **REPAIRED**
STRINGER2 TO FLOOR BEAM CRACKED NW CONN. ANGLE 4"TOP 4" TOP BOLT **REPAIRED**
STRINGER3 TO FLOOR BEAM CRACKED NW CONN. ANGLE 9"TOP **REPAIRED**
STRINGER3 TO FLOOR BEAM CRACKED SW CONN. ANGLE 9"TOP
20% SECTION LOSS OF BOTH ANGLES AT STR3 **REPAIRED**
STRINGER4 TO FLOOR BEAM CRACKED NW CONN. ANGLE 5"TOP 5"TOPBOLT **REPAIRED**
STRINGER4 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5"TOP 6"TOPBOLT **REPAIRED**
25% SECTION LOSS OF SW ANGLE AT STR4 3" DIA SECTION LOSS IN FLBM
25% SECTION LOSS IN ANGLES AT STR. 5,6,&7 **REPAIRED**
STRINGER10 TO FLOOR BEAM CRACKED SW CONN. ANGLE 2 1/2"TOP **REPAIRED**
STRINGER11 TO FLOOR BEAM CRACKED NW CONN. ANGLE 4"TOP **REPAIRED**
STRINGER11 TO FLOOR BEAM CRACKED SW CONN. ANGLE 2 1/2"TOP **REPAIRED**
STRINGER12 TO FLOOR BEAM CRACKED NW CONN. ANGLE 2"TOP 3"TOP BOLT **REPAIRED**
STRINGER12 TO FLOOR BEAM CRACKED SW CONN. ANGLE 2"TOP 3"TOP BOLT **REPAIRED**
STRINGER13 TO FLOOR BEAM CRACKED NW CONN. ANGLE 3"TOP **REPAIRED**
STRINGER13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 4"TOP 1/2" BTM **REPAIRED**
STRINGER2 TO FLOOR BEAM CRACKED SE CONN. ANGLE 1" IN BTM **REPAIRED**
STRINGER2 TO FLOOR BEAM CRACKED NE CONN. ANGLE 1/2" IN BTM **REPAIRED**
STRINGER12 TO FLOOR BEAM CRACKED NE CONN. ANGLE 1"TOP BOLT **REPAIRED**
STRINGER12 TO FLOOR BEAM CRACKED SE CONN. ANGLE 1/2"TOP BOLT 3" TOP **REPAIRED**
HOLES IN WEST VERTICAL FLOOR BEAM STIFFNERS BETWEEN STRs 1thru9, 10&11, 12&13 **REPAIRED**
HOLES EAST VERTICAL FLOOR BEAM STIFFNERS BETWEEN STRs 1thru3, 4thru7 **REPAIRED**

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR BEAM 8 WEST AND EAST

Description

FLOOR BEAM 8 WEST AND EAST

Bridge No: 640013

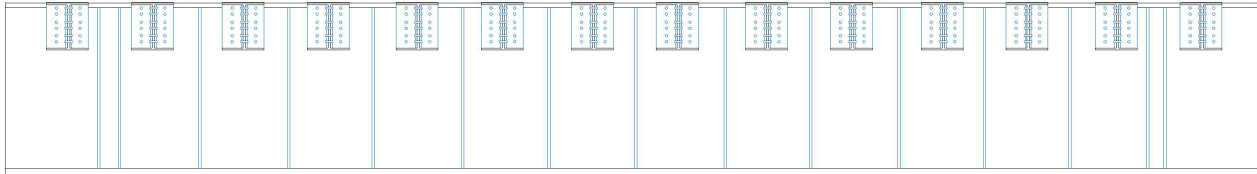
Drawn By: MM

Date: 5/15/2008

File Name: S0194000221

Bridge Inspection Field Sketch

FLOOR BEAM 9 WEST AND EAST



FLBM 9 EAST SIDE STRINGER 2 SOUTH ANGLE 2" CRACK BOTTOM **REPAIRED**
FLBM 9 EAST SIDE STRINGER 6 NORTH ANGLE 1" CRACK BOTTOM **REPAIRED**
FLBM 9 EAST SIDE STRINGER 12 NORTH ANGLE 2" CRACK BOTTOM **REPAIRED**

FLOOR BEAM 9 WEST SIDE STRINGER 2 NORTH ANGLE CRACK 3 3/4" TOP 1 1/4" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 2 SOUTH ANGLE CRACK 6 1/2" TOP 3" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 3 NORTH ANGLE CRACK 6" TOP 7" BOLTS TOP 4 1/2" IN BOTTOM **REPAIRED**
FLBM 9 WEST SIDE STRINGER 3 SOUTH ANGLE CRACK 8" TOP 7" BOLTS TOP 5" IN BOTTOM **REPAIRED**
FLBM 9 WEST SIDE STRINGER 3 SOUTH ANGLE CRACK 6" TOP 7" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 4 NORTH ANGLE CRACK 4 1/4" TOP 2 1/8" BOLTS TOP 1/2" BOTTOM **REPAIRED**
FLBM 9 WEST SIDE STRINGER 4 SOUTH ANGLE CRACK 4" TOP 5 1/2" BOLTS TOP 4" BOTTOM **REPAIRED**
FLBM 9 WEST SIDE STRINGER 5 NORTH ANGLE CRACK 3/4" IN BOTTOM **REPAIRED**
FLBM 9 WEST SIDE STRINGER 10 SOUTH ANGLE CRACK 3" TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 11 NORTH ANGLE CRACK 3" TOP 1 1/2" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 11 SOUTH ANGLE CRACK 3" TOP 2 1/2" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 12 NORTH ANGLE CRACK 5 1/2" TOP 3 1/2" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 12 SOUTH ANGLE CRACK 6" TOP 3 1/4" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 13 NORTH ANGLE CRACK 1" BOLTS TOP **REPAIRED**
FLBM 9 WEST SIDE STRINGER 13 SOUTH ANGLE CRACK 5" TOP 2 1/2" BOLTS TOP **REPAIRED**
PLATED UNDER STRINGER 2 & 4 IN WEB FLOORBEAM

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
FLOOR BEAM 9 WEST AND EAST

Description
FLOOR BEAM 9 WEST AND EAST

Bridge No: 640013

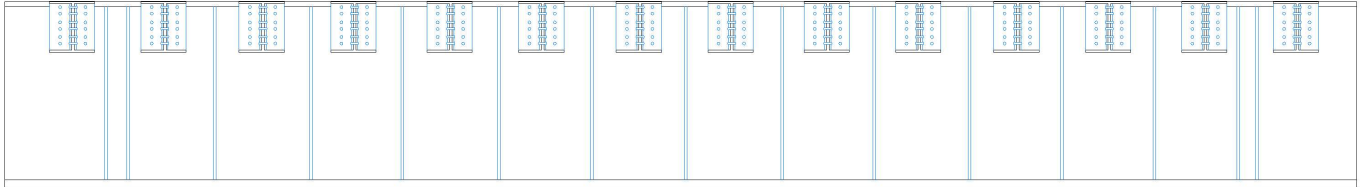
Drawn By: MM

Date: 5/19/2008

File Name: S0194000223

Bridge Inspection Field Sketch

FLOOR BEAM 10 WEST AND EAST



FLBM 10, EAST SIDE, SL TO TOP FLANGE FROM STR 2 TO STR 4, 0.81" REMAINING

FLOOR BEAM 10 EAST SIDE STRINGER 2 SOUTH ANGLE SECTION LOSS 30% IN BOTTOM **REPAIRED**

FLBM 10, STRINGER 3, EAST END, BOTTOM FLANGE, SECTION LOSS - 5" LONG, DOWN TO 3/16"

FLOOR BEAM 10 WEST SIDE STRINGER 1 NORTH ANGLE CRACK 3" IN TOP **REPAIRED**

FLBM 10 WS STRINGER 2 NORTH ANGLE CRACK 8" TOP 4" TOP BOLTS 6" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 2 SOUTH ANGLE CRACK 5" TOP 2 1/2" TOP BOLTS 6 1/2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 3 NORTH ANGLE CRACK 5 1/2" TOP 2 1/2" TOP BOLTS 6 1/2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 3 SOUTH ANGLE CRACK 8 1/4" TOP 1 1/2" TOP BOLTS 1 3/4"

BOTTOM WITH 5/16" SECTION LOSS IN BOTTOM FOR 2" **REPAIRED**

FLBM 10 WS STRINGER 4 NORTH ANGLE CRACK 4" TOP 4 1/2" TOP BOLTS 2 1/2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 4 SOUTH ANGLE CRACK 7" TOP 2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 5 NORTH ANGLE CRACK 1/2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 5 SOUTH ANGLE CRACK 1/2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 11 NORTH ANGLE CRACK 4" TOP 1" TOP BOLTS **REPAIRED**

FLBM 10 WS STRINGER 11 SOUTH ANGLE 1/2" TOP BOLTS **REPAIRED**

FLBM 10 WS STRINGER 12 NORTH ANGLE CRACK 5" TOP 4" TOP BOLTS 3" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 12 SOUTH ANGLE CRACK 6 1/2" TOP 5" TOP BOLTS 2" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 13 NORTH ANGLE CRACK 6" TOP 1 1/2" TOP BOLTS 6" BOTTOM **REPAIRED**

FLBM 10 WS STRINGER 13 SOUTH ANGLE CRACK 6" TOP 1 1/2" TOP BOLTS **REPAIRED**

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR BEAM 10 WEST AND EAST

Description

FLOOR BEAM 10 WEST AND EAST

Bridge No: 640013

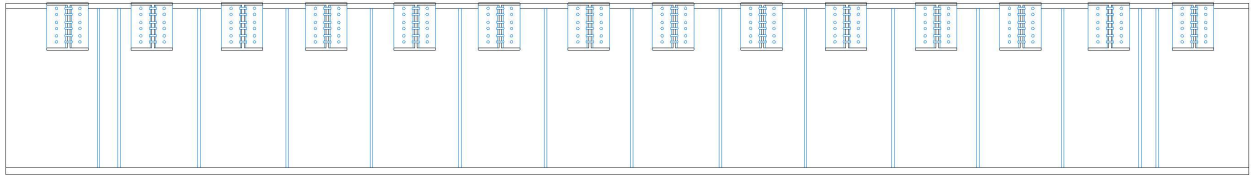
Drawn By: MM

Date: 5/19/2008

File Name: S0194000224

Bridge Inspection Field Sketch

FLOOR BEAM 11 WEST AND EAST



STR2 TO FLOOR BEAM CRACKED NW CONN. ANGLE 6" TOP 2 1/2" TOP BOLT 3 1/2" BTM **REPAIRED**

STR2 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5" TOP 4" TOP BOLT 6" BTM **REPAIRED**

STR3 TO FLOOR BEAM CRACKED NW CONN. ANGLE 7 3/8" TOP 7" TOP BOLT 4" BTM **REPAIRED**

STR3 TO FLOOR BEAM CRACKED SW CONN. ANGLE 7" TOP 7" TOP BLT 4" BTM **REPAIRED**

STR4 TO FLOOR BEAM CRACKED NW CONN. ANGLE 6" TOP 4" TOP BOLT 4" BTM **REPAIRED**

STR4 TO FLOOR BEAM CRACKED SW CONN. ANGLE 4" TOP 3" TOP BOLT 4 1/2" BTM **REPAIRED**

STR5 TO FLOOR BEAM CRACKED NW CONN. ANGLE 2 1/2" BTM **REPAIRED**

STR5 TO FLOOR BEAM CRACKED SW CONN. ANGLE 3" BTM **REPAIRED**

STR11 TO FLOOR BEAM CRACKED NW CONN. ANGLE 3 1/2" TOP 3" TOP BOLT **REPAIRED**

STR11 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5" TOP 2 1/2" TOP BOLT **REPAIRED**

STR12 TO FLOOR BEAM CRACKED NW CONN. ANGLE 5 1/4" TOP 5 1/4" TOP BOLT **REPAIRED**

STR12 TO FLOOR BEAM CRACKED SW CONN. ANGLE 4 1/4" TOP 3 1/2" TOP BOLT **REPAIRED**

STR13 TO FLOOR BEAM CRACKED NW CONN. ANGLE 4 1/2" TOP 2 3/4" TOP BOLT **REPAIRED**

STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5" TOP 3" TOP BOLT **REPAIRED**

FLOOR BEAM WEB CONN @ L11 SOUTH EAST BOTTOM NUT 100% DT,
10 NUTS SHOW ADVANCED DT **REPAIRED**

5/16" SECTION LOSS @ BTM FL AND WEB UNION OF FLOOR BEAM UNDER STRINGER 3 **PAINTED OVER**

HOLES IN WEST VERTICAL FLOORBEAM STIFFENERS BETWEEN STRs 2&3, 4&5, 8&9, 9&10 **REPAIRED**

HOLES IN EAST VERTICAL FLOORBEAM STIFFENERS BETWEEN STRs 2 thru 4, 5&6, **REPAIRED**

HOLES IN EAST VERTICAL FLOORBEAM STIFFENERS BETWEEN STRs 8-12

Stringer 3 - 5/16" crack at base of web at east side FLBM 11. This crack is in the slag
from the torch cut to the bottom of the conn plate.

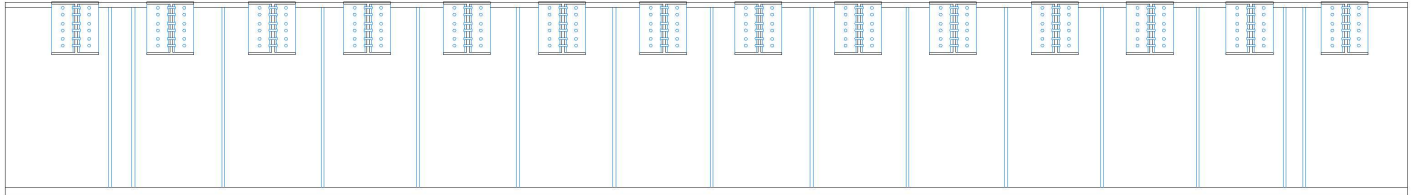
1/4" HOLE IN WEB AT BOTTOM OF VERTICAL STIFFENER 11

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
FLOOR BEAM 11 WEST AND EAST		FLOOR BEAM 11 WEST AND EAST	
Bridge No:	640013	Drawn By:	DRB
Date:	5/23/2008	File Name:	S0190000330

Bridge Inspection Field Sketch

FLOOR BEAM 12 WEST AND EAST



NOTE: BOTH EAST AND WEST END FLOOR BEAMS HAVE A LARGER CONNECTION ANGLE AND A KNEE BRACE FOR THE STRINGERS.

STRINGER TO FLBM CONN KNEE BRACE HAS A 4" HOLE IN WEB UNDER STR 4 **REPAIRED**

STRINGER TO FLBM CONN KNEE BRACE HAS A 1" HOLE IN WEB UNDER STR 5 **REPAIRED**

Random areas of section loss to knife edge & random holes in bottom 5" of web from trans. centering shoe to north end.

Up to 7/8" section loss in east bottom flange from 4'-6" north of C/L to north end

3/8" section loss in west bottom flange from NE lock bar to north end

Section loss to knife edge on bottom 5" of west vert. stiffner plates between STR 3 & 7

1/4" SL TO 10"L SECTION OF TOP FLANGE, WEST SIDE, AT STR 7

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title

FLOOR BEAM 12 EAST AND WEST (EAST END FLBM)

Description

FLOOR BEAM 12 EAST END FLBM

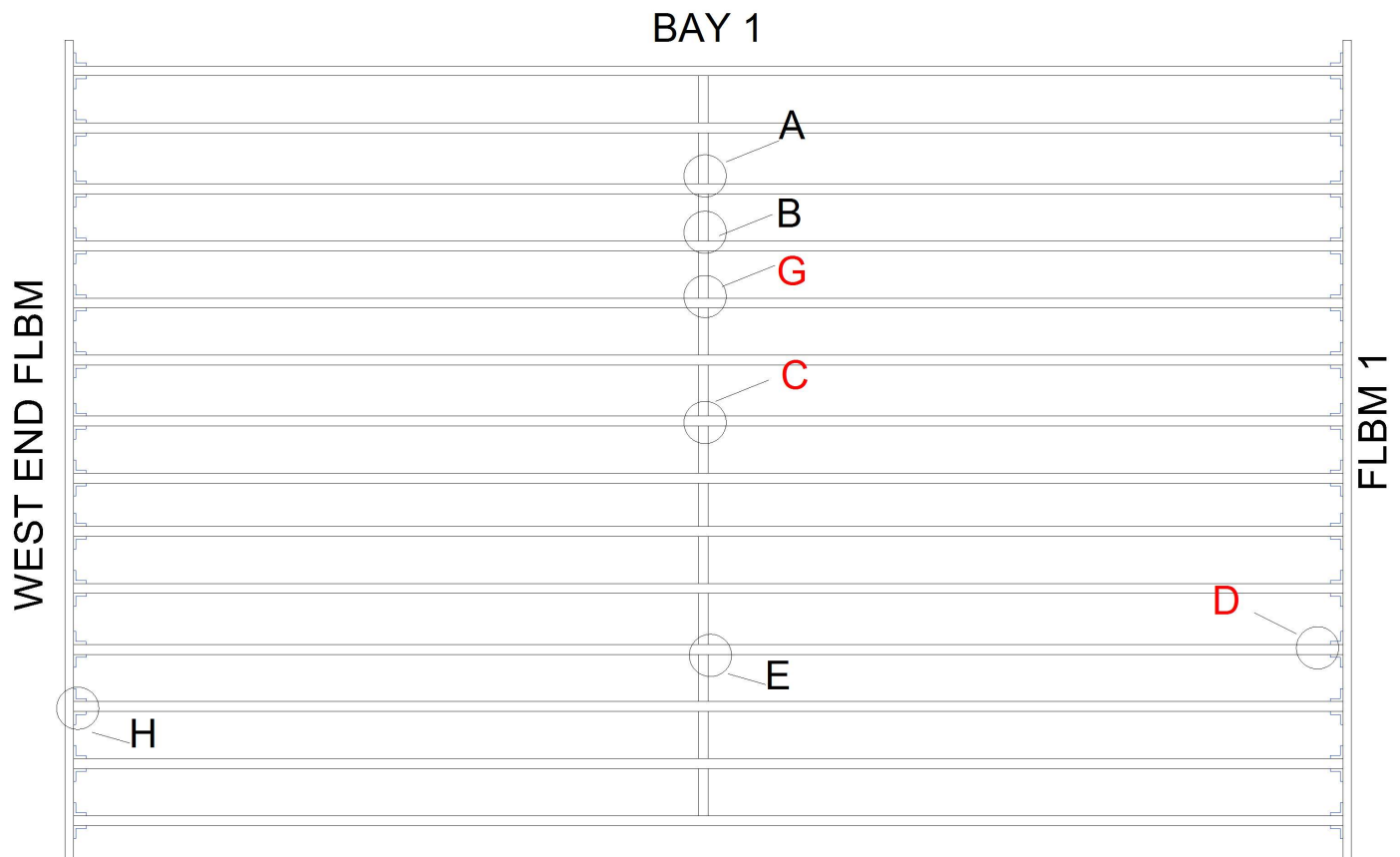
Bridge No: 640013

Drawn By: DRB

Date: 5/23/2008

File Name: S0190000331

Bridge Inspection Field Sketch

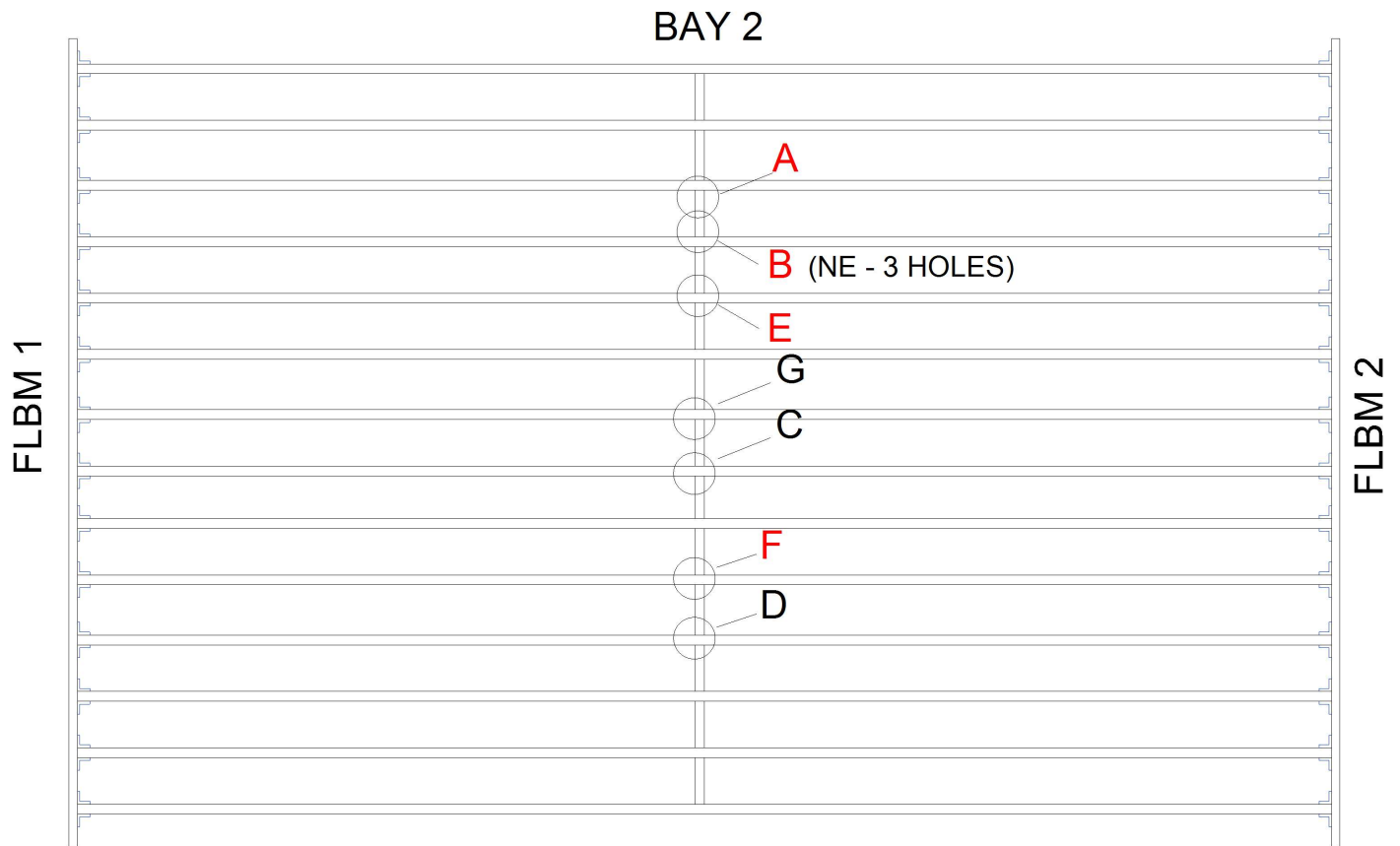


- A. CRACKED DIA CONN WELD NORTH SIDE OF STR3 PROPIGATING 1 1/2" INTO WEB OF STR 3 REPAIRED
- B. CRACKED DIA CONN WELD NORTH SIDE OF STR4 PROPIGATING 1 1/2" INTO WEB OF STR 4 REPAIRED
- C. CRACKED DIA CONN WELD AT STR7 - PROP. 1/8" PAST EAST ARREST HOLE
- D. HOLE 3/4"X1/4" IN STR11@WEST FLBM1 CONN.
- E. 2 11/16" CRACK AT TOP DIAPH. CONNECTION WELD AT SOUTH SIDE STR 11 REPAIRED
- G. 1" CRACK AT TOP DIAPH. CONNECTION WELD AT NORTH SIDE STR 5 - PROP. 1/8" PAST ARREST HOLE
- H. 1" CRACK IN COPING OF STRINGER 12 REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY1		BAY1	
Bridge No: 640013	Drawn By: DRB	Date: 5/23/2008	File Name: S0190000333

Bridge Inspection Field Sketch

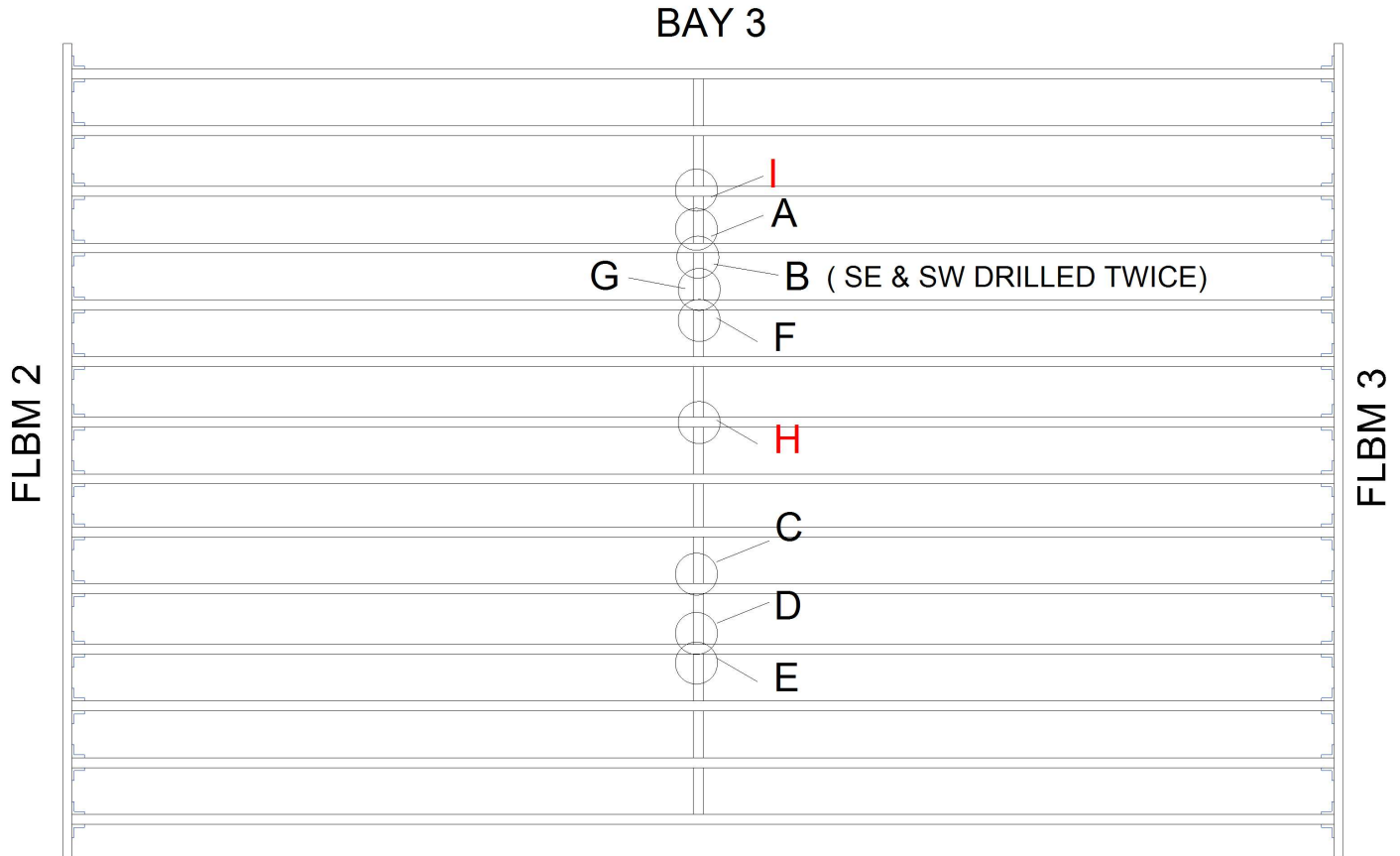


- A. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR3 1/4" - PROP. 1" PAST ARREST HOLE
- B. CRACKED DIAPHRAGM CONN TO STR4 1/2" - PROP. 1/2" AT WEST ARREST HOLE
- C. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR7 1/4" REPAIRED
- D. CRACK IN DIAPH. AT SOUTH SIDE OF STR 1 REPAIRED
- E. CRACK IN WEB AT DIAPH. CONN. AT STR5 2"
- F. CRACK IN WEB AT TOP OF DIAPH. CONN. AT STR 10 1-3/4"
- G. ARRESTED CRACK IN WEB AT TOP OF DIAPH. CONN. AT STR8

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY2		BAY 2 STRINGERS & DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000334

Bridge Inspection Field Sketch



- A. CRACKED WEB AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 1/2"REPAIRED
- B. CRACKED WEB AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 1/2"REPAIRED
- C. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR10 HL REPAIRED
- D. CRACKED WEB AT DIAPHRAGM CONN TO NORTH SIDE OF STR11 3"REPAIRED
- E. CRACKED WEB AT DIAPHRAGM CONN TO SOUTH SIDE OF STR11 3"REPAIRED
- F. 1 5/8" CRACK AT TOP DIAPH. CONN. WELD AT SOUTH SIDE STR 5REPAIRED
- G. 1" CRACK AT TOP DIAPH. CONN. WELD AT NORTH SIDE STR 5REPAIRED
- H. 1/2" CRACK IN WELD AT TOP DIAPH. CONN. WELD AT SOUTH SIDE STR 7
- I. 1/2" CRACK IN WEB AT TOP DIAPH. CONN. BOTH SIDES STR 3

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
STRINGER AND DIAPHRAGM BAY3

Description
BAY3 STRINGER AND DIAPHRAGM BA
Y3

Bridge No: 640013

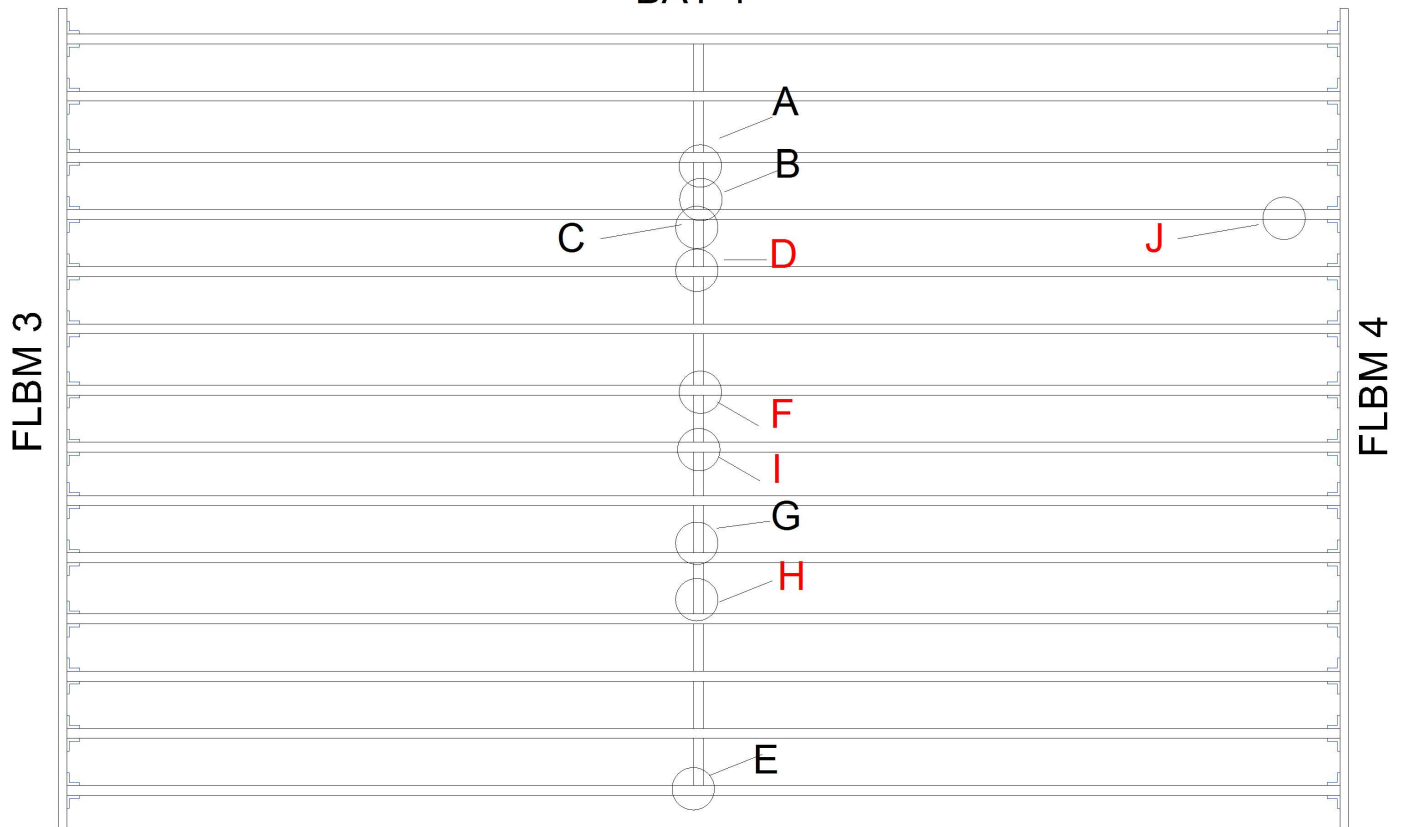
Drawn By: DRB

Date: 5/27/2008

File Name: S0190000335

Bridge Inspection Field Sketch

BAY 4

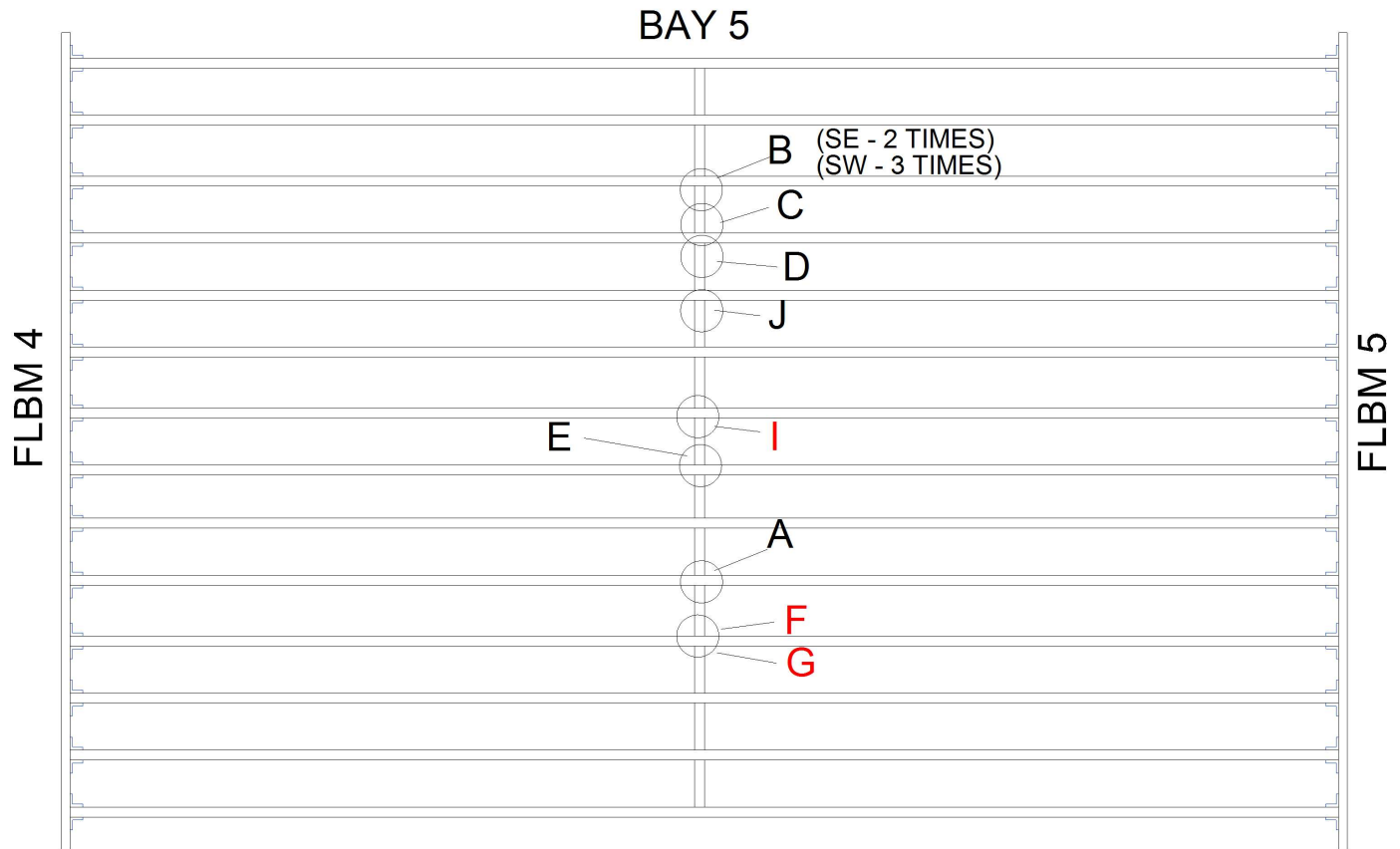


- A. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR3 REPAIRED
- B. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR4 REPAIRED
- C. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR4 REPAIRED
CRACK PROPAGATED 5/16" PAST OLD REPAIR HOLE AT SE. STR.4 REPAIRED
- D. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR5 - (2) TOTAL PROP. ~1/8" PAST ARREST HOLES
- E. IMCOMPLETE WELD AT BASE OF DIA. CONN. ON NORTH SIDE STR 14
- F. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR7 - PROP. 3/8" PAST ARREST HOLE
- G. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR10 HL REPAIRED
- H. CRACK IN WEB ABOVE DIAP CONN AT STR11 HL - (2) TOTAL PROP. ~3/16" PAST ARREST HOLES
- I. CRACK IN WEB ABOVE DIAPH. CONN. AT STR8 1/2"
- J. (2) 1/2" HOLES ON NORTH SIDE OF TOP FLANGE AT 3' FROM FB4

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY4		BAY4 STRINGER AND DIAPHRAGM	
Bridge No:	640013	Drawn By:	DRB
Date:	5/27/2008	File Name:	S0190000336

Bridge Inspection Field Sketch

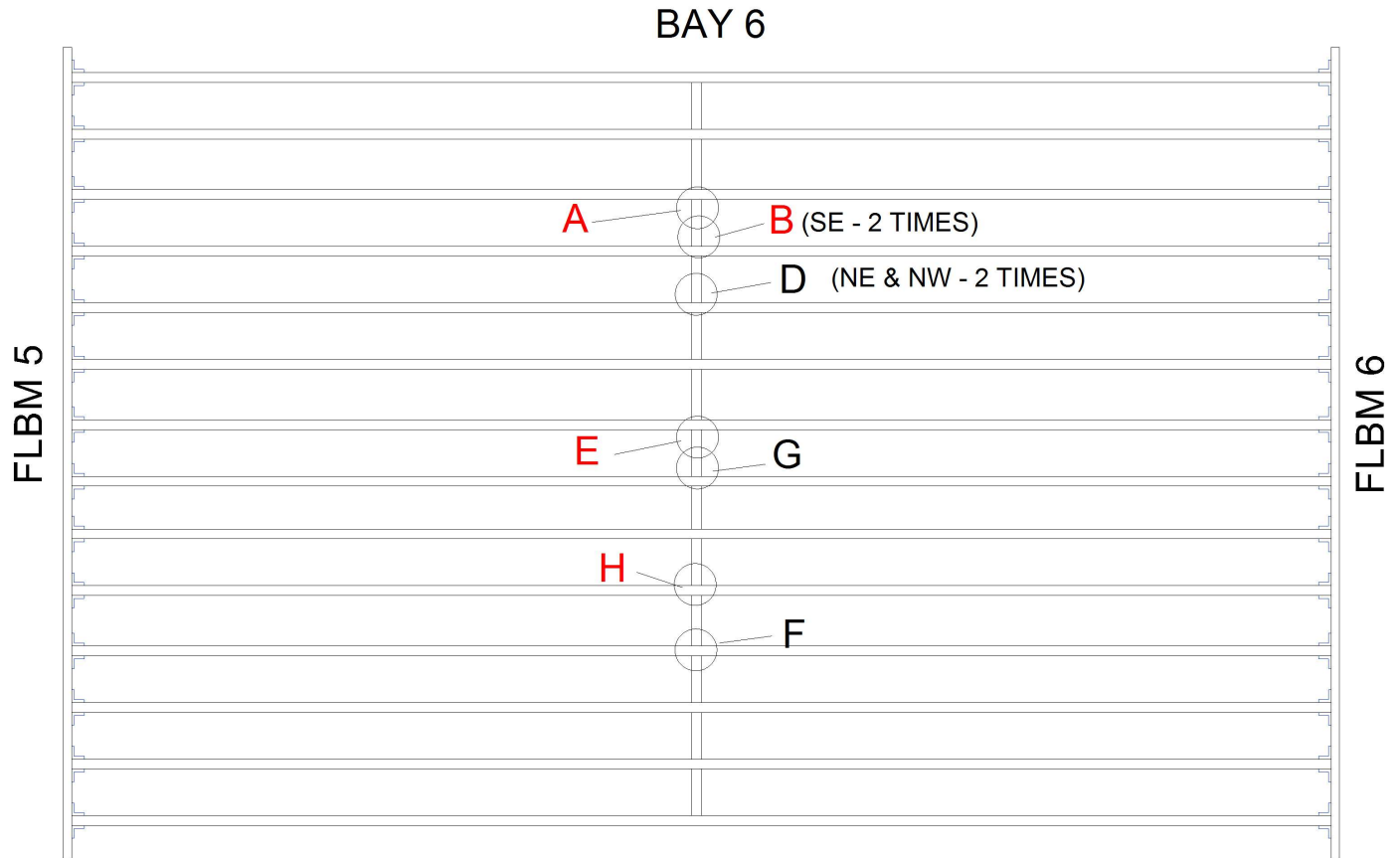


- A. CRACKED WEB AT DIAPHRAGM CONN IN SOUTH SIDE OF STR10 1/2" REPAIRED
- B. CRACKED WEB AT DIAPHRAGM CONN IN SOUTH SIDE OF STR3 1/2" REPAIRED
- C. CRACKED WEB AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 1/2' REPAIRED
- D. CRACKED WEB AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 1/2" REPAIRED
- E. CRACKED WEB AT DIAPHRAGM CONN IN SOUTH SIDE OF STR8 1 1/2" REPAIRED
- F. CRACKED WEB AT DIAPHRAGM CONN AT STR11 2" - PROP. 3/16" PAST ARREST HOLE
- G. 4" CRACK IN WELD AT BOTTOM OF DIAPH. CONN. ON N SIDE AT STR11
- I. 1 1/4" CRACK AT TOP DIAPH. CONN. STR 7 - PROP. 1/4" PAST EAST ARREST HOLE, AND 5/16" PAST WEST
- J. 2" CRACK AT TOP DIAPH. CONN. WELD AT SOUTH SIDE STR 5 REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY5		BAY5 STRINGERS AND DIAPHRAGMS	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000337

Bridge Inspection Field Sketch

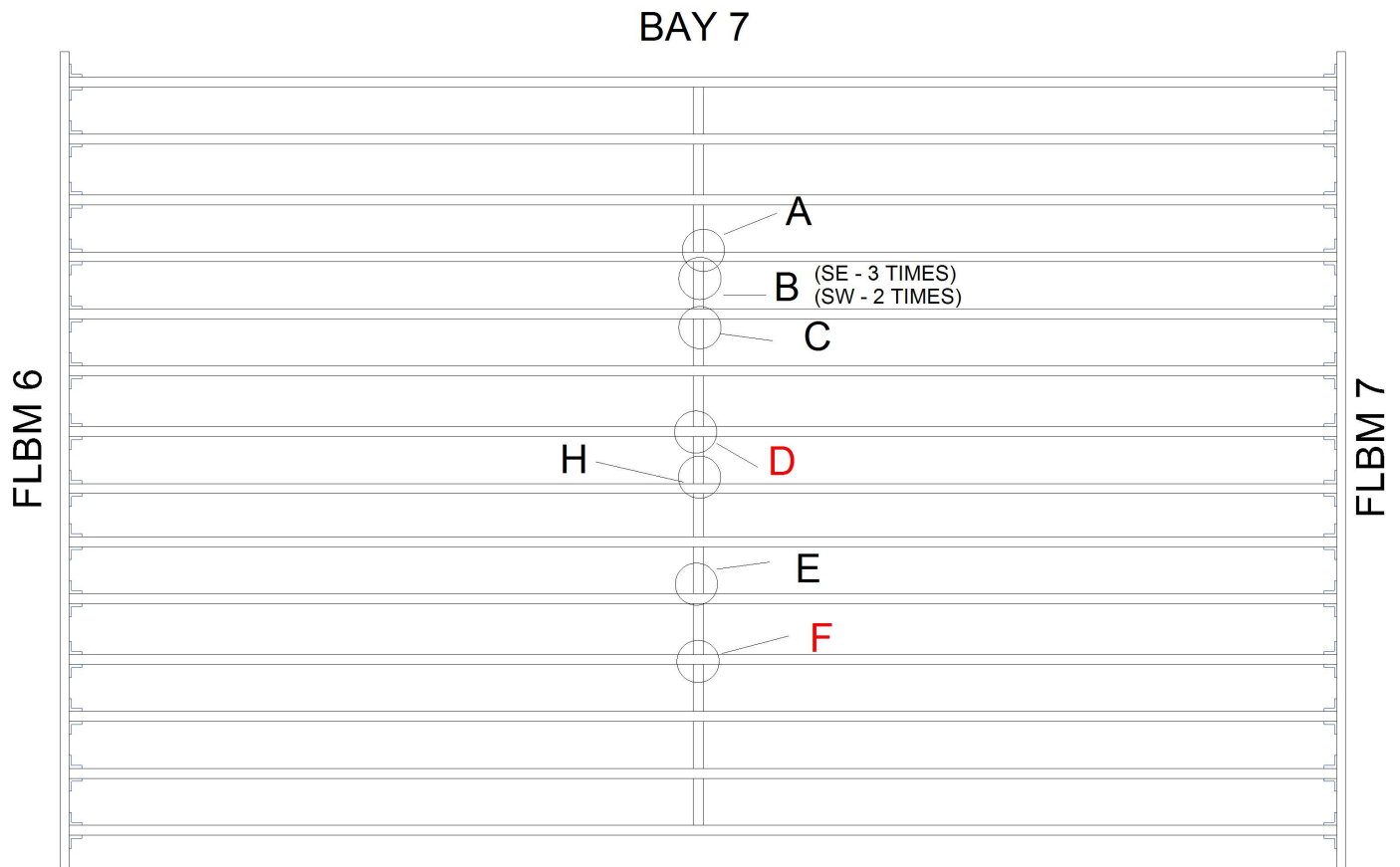


- A. CRACK IN WEB ABOVE WELD AT DIAPHRAGM CONN AT STR3 - 1-1/2"
- B. CRACK IN WEB ABOVE WELD AT DIAPHRAGM CONN AT STR4 - PROP. 3/16" PAST ARREST HOLE
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR5 REPAIRED
- E. CRACK IN WEB ABOVE WELD AT DIAPH. CONN. ON STR7 - PROP. UP TO 1" ON E & W SIDES OF ARST. HOLE
- F. CRACKED WEB AT DIAPHRAGM CONN IN NORTH SIDE OF STR11 1" HL REPAIRED
- G. 1 1/4" CRACK IN TOP DIAPH. CONN. WELD AT NORTH SIDE STR 8 REPAIRED
- H. CRACKS IN WELD AT BOTTOM OF DIAPH. CONN. AT STR10 UP TO 1-1/2"L - (1) ON N SIDE, (1) ON S SIDE

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY6		BAY 6 STRINGER & DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000338

Bridge Inspection Field Sketch



- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 1" REPAIRED
- C. CRACKED IN DIAPHRAGM CONN AT SOUTH SIDE OF STR5 1/2" REPAIRED
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN STR7 1" - (4) TOTAL PROP. 1/4" PAST ARREST HOLE**
- E. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR10 1/2" REPAIRED
- F. CRACKED WEB AT DIAPHRAGM CONN IN NORTH SIDE OF STR11 1" HL - PROP. 3/16" PAST ARREST HOLE**
- H. 1-3/4" CRACK AT TOP DIA. CONN. WELD N.SIDE STR.8 REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
STRINGER AND DIAPHRAGM BAY 7

Description
BAY 7 STRINGER & DIAPHRAGM

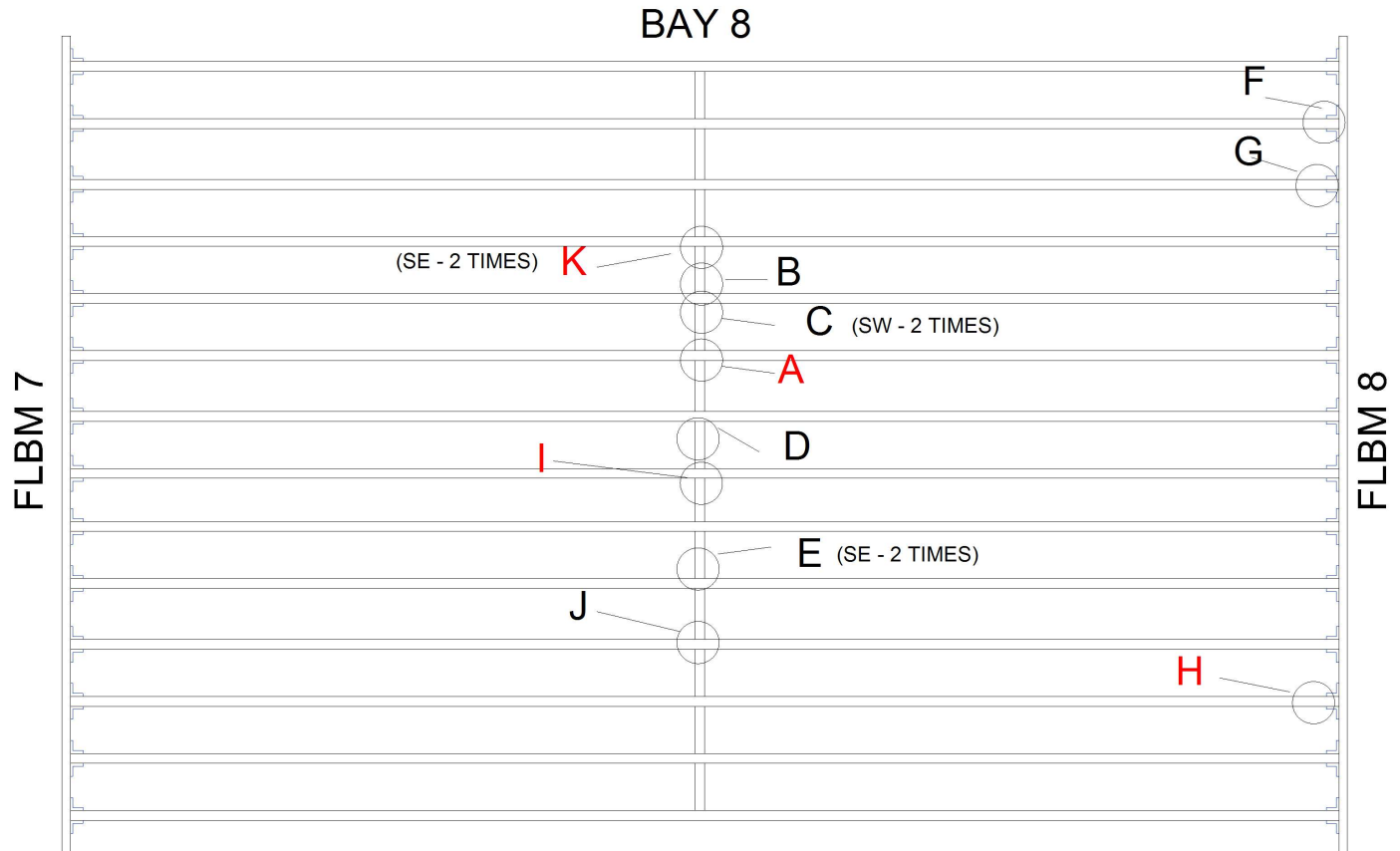
Bridge No: 640013

Drawn By: DRB

Date: 5/27/2008

File Name: S0190000339

Bridge Inspection Field Sketch



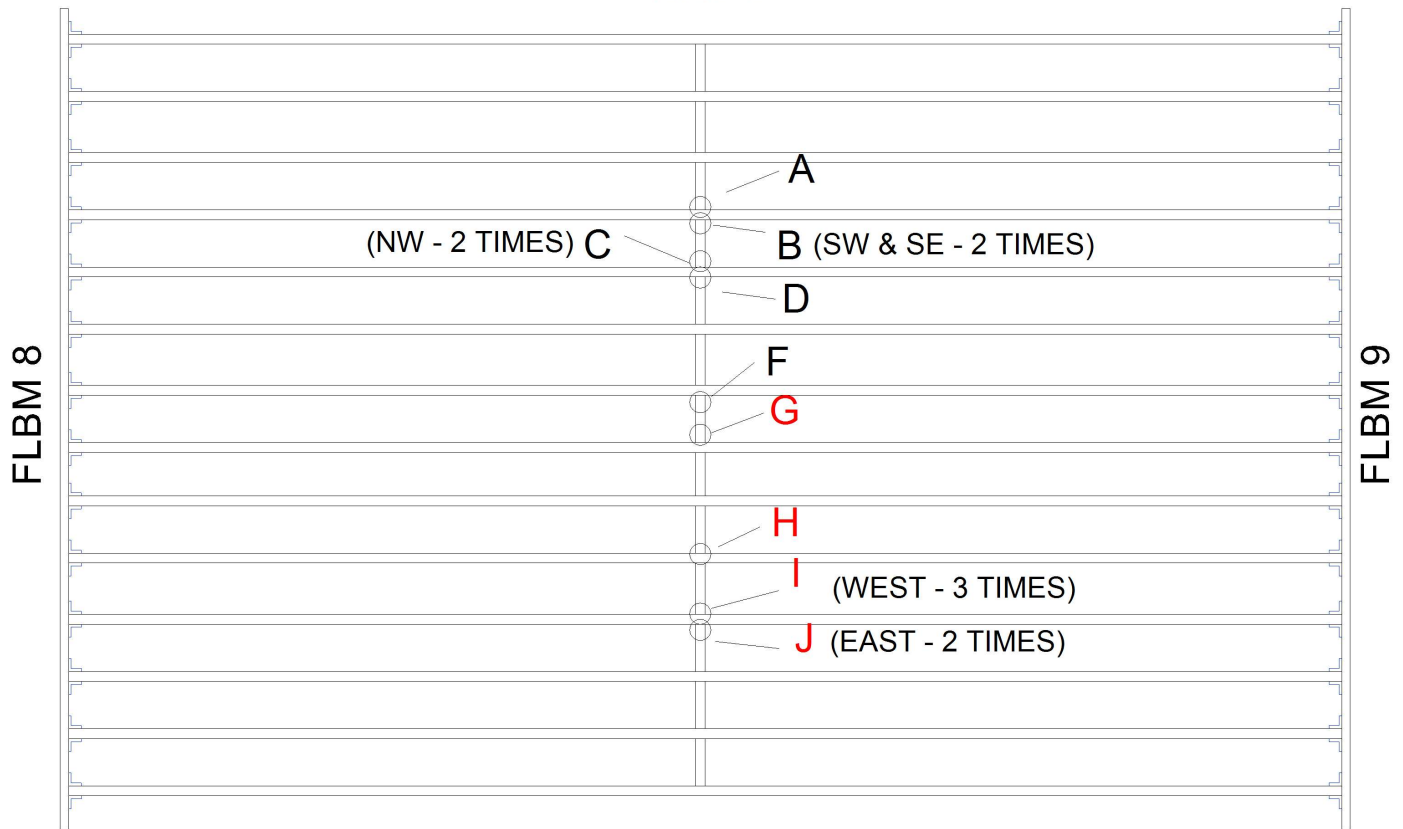
- A. (2) CRACKS AT TOP OF DIAPH. CONN - (1) IN WELD (1) IN WEB, & (1) IN BRACKET AT BOTTOM - ALL 1" TO 1-1/2"L
- B. CRACKED IN DIAPHRAGM CONN AT NORTH SIDE OF STR5 1/2"REPAIRED
- C. CRACKED IN DIAPHRAGM CONN AT SOUTH SIDE OF STR5 3/4"REPAIRED
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR7 1/2"REPAIRED
- E. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR10 3/4"REPAIRED
- F. 2"DIAMETER HOLE IN WEB OF STR2 AT CONN WITH FLBM 8REPAIRED
- G. 1/2"DIAMETER HOLE IN WEB OF STR3 AT CONN WITH FLBM 8REPAIRED
- H. ~1" DIAMETER HOLE IN WEB OF STR12 AT CONN WITH FLBM 8
- I. 1 5/8" CRACK AT TOP DIAPH. CONN. WELD AT STR 8 - (2) PROP. 3/16"
- J. CRACK HAD PROPAGATED 3/4" PAST REPAIR HOLE AT NE SIDE STR 11 REPAIRED
- K. CRACK PROP. PAST ARREST HOLE AT TOP OF DIAP. CONN 1/4"

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY 8		BAY8 STRINGER & DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000340

Bridge Inspection Field Sketch

BAY 9



- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 2" REPAIRED
- C. CRACKED IN DIAPHRAGM CONN AT NORTH SIDE OF STR5 3/4" REPAIRED
- D. CRACKED IN DIAPHRAGM CONN AT SOUTH SIDE OF STR5 1/2" REPAIRED
- F. CRACKED IN DIAPHRAGM CONN AT SOUTH SIDE OF STR7 1/2" REPAIRED
- G. CRACKED AT DIAPHRAGM CONN AT STR8 - (1) 1" IN WEB, (2) 3/4" IN WELD
- H. CRACKED IN DIAPHRAGM CONN AT NORTH SIDE OF STR10 - PROP. TOTAL OF (3) ~1/8" PAST ARREST HOLES
- I. CRACKED AT DIAPHRAGM CONN IN NORTH SIDE OF STR11 2" - PROP. ~1/4" PAST ARREST HOLE
- J. CRACKED AT DIAPHRAGM CONN IN SOUTH SIDE OF STR11 2" - PROP. ~1/4" PAST ARREST HOLE

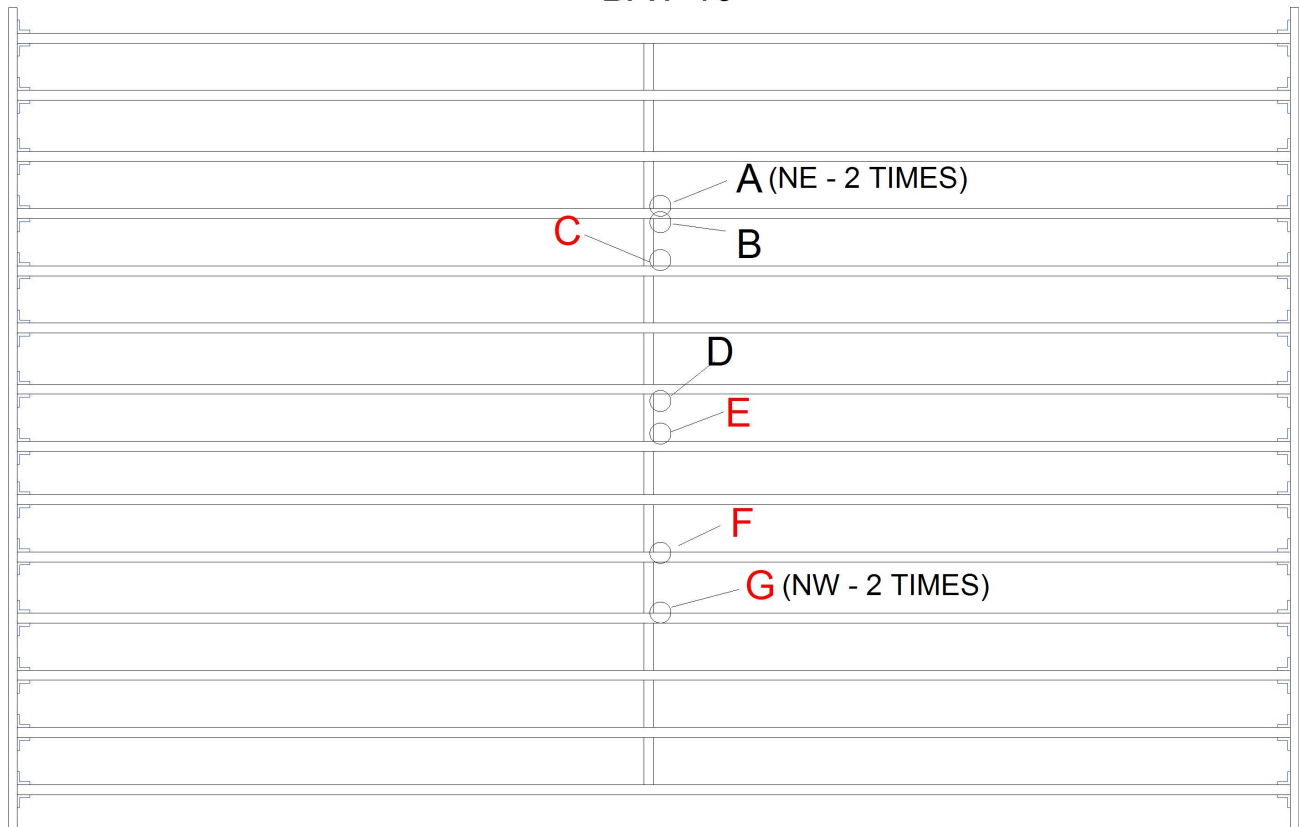
SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY 9		BAY9 STRINGER AND DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000341

Bridge Inspection Field Sketch

BAY 10

FLBM 9

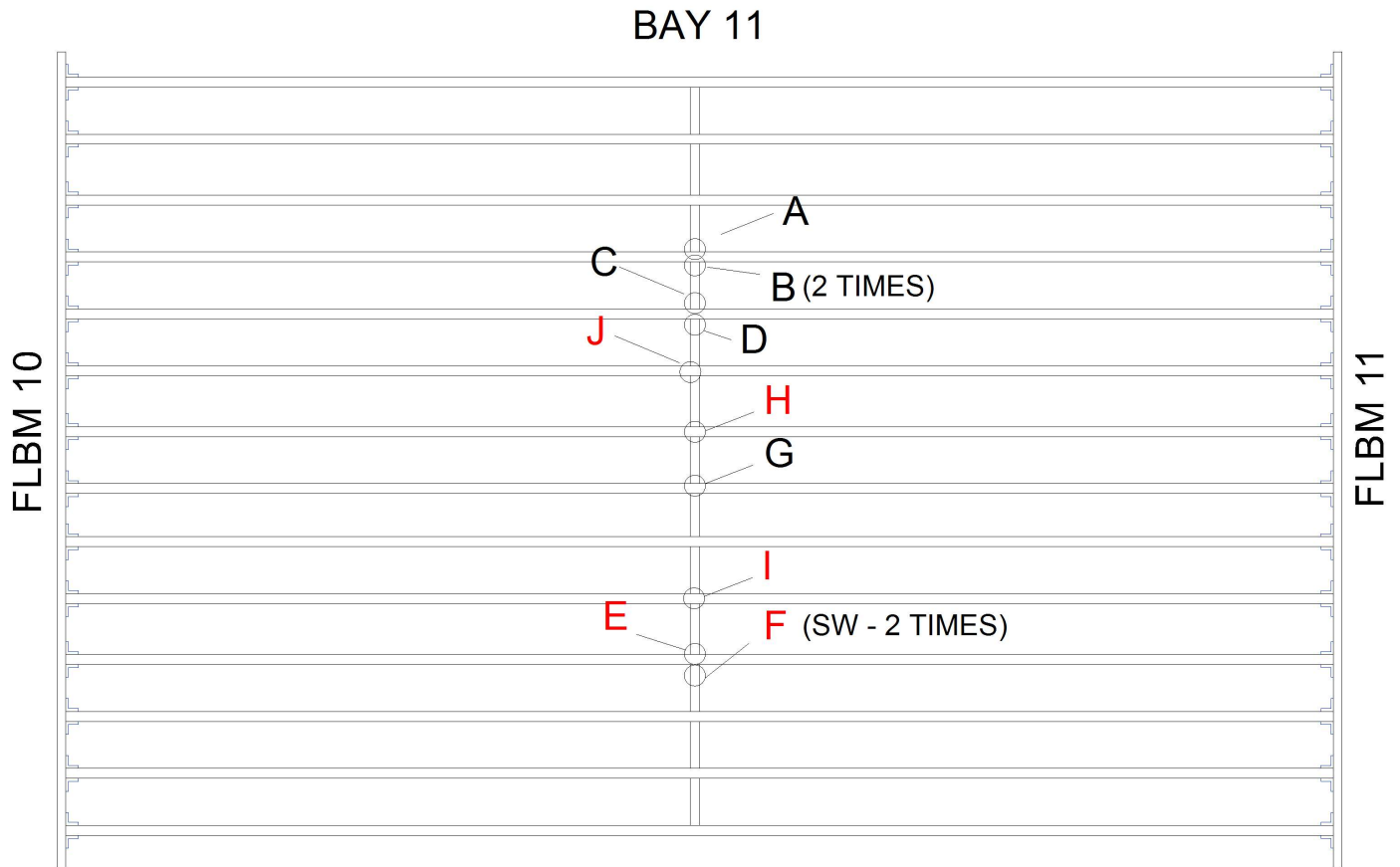


- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 2" REPAIRED
- C. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR5 - PROP. 1/2" PAST ARREST HOLE
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR7 HL REPAIRED
- E. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR8 HL - PROP. 1/4" PAST ARREST HOLE
- F. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR10 HL - PROP. 1/4" PAST ARREST HOLE
- G. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR11 HL - (3) PROP. ~1/2" PAST ARREST HOLE

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY10		BAY10 STRINGER AND DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000342

Bridge Inspection Field Sketch

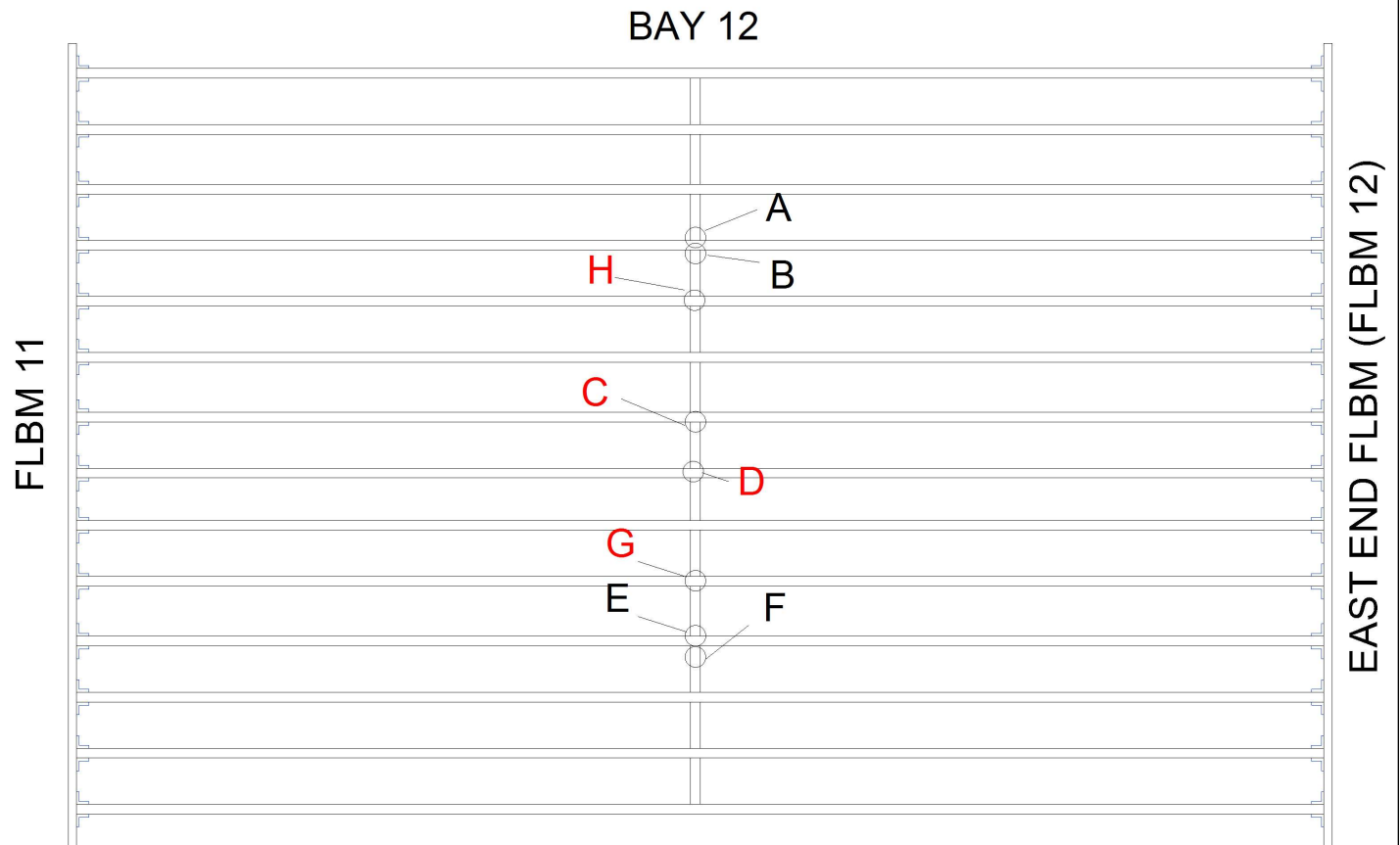


- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 2" REPAIRED
- C. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR5 1" REPAIRED
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR5 1/2" REPAIRED
- E. CRACK IN WELD AT DIAPHRAGM CONN AT NORTH SIDE OF STR11 2" - PROPAGATED 1/8" PAST ARREST HOLE
- F. CRACK IN WELD AT DIAPHRAGM CONN AT SOUTH SIDE OF STR11 5/16" - (5) TOTAL ~1/8" CRACKS PROPAGATING PAST ARREST HOLES.
- G. 1 5/8" CRACK AT TOP DIAPH. CONN. WELD AT NORTH SIDE STR.8 REPAIRED
- H. CRACK AT TOP DIAPH. CONN. WELD AT STR7 5/16"
- I. CRACK AT TOP DIAPH. CONN. WEB AT STR10 1-1/4"
- J. CRACK AT TOP DIAPH. CONN. WEB AT STR6 3/4"

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY11		BAY11 STRINGER AND DIAPHRAGM	
Bridge No:	640013	Drawn By:	DRB
Date:	5/27/2008	File Name:	S0190000343

Bridge Inspection Field Sketch



- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR4 1" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 1" REPAIRED
- C. CRACKED IN WELD AT DIAPHRAGM CONN AT SOUTH SIDE OF STR7 PROP. 1/8"
- D. CRACKED IN WELD AT DIAPHRAGM CONN AT NORTH SIDE OF STR8 PROP. ~1/4"
- E. CRACKED IN WELD AT DIAPHRAGM CONN AT NORTH SIDE OF STR11 HL REPAIRED
- F. CRACKED IN WELD AT DIAPHRAGM CONN AT SOUTH SIDE OF STR11 HL REPAIRED
- G. CRACK IN WELD AT DIAPHRAGM CONN AT STR10 1"
- H. CRACK ABOVE WELD AT DIAPHRAGM CONN AT STR5 1-1/2"

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title		Description	
STRINGER AND DIAPHRAGM BAY12		BAY12 STRINGER AND DIAPHRAGM	
Bridge No: 640013	Drawn By: DRB	Date: 5/27/2008	File Name: S0190000344

Bridge Inspection Field Sketch

LIFT SPAN COMPONENTS AND CONDITIONS

Title

LIFT SPAN COMPONENTS

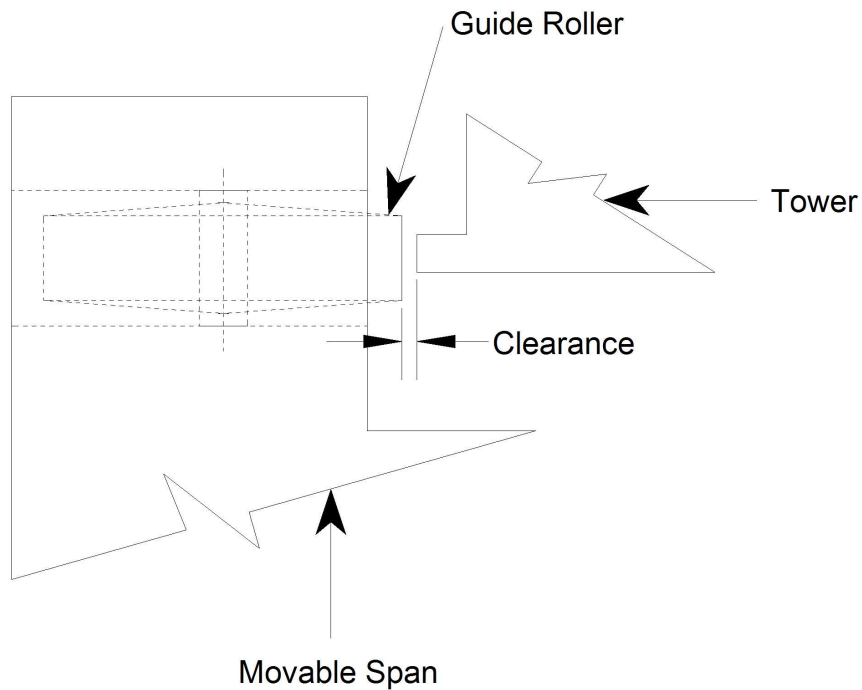
Description

LIFT SPAN COMPONENTS

Bridge No: 640013**Drawn By:** JHD**Date:** 2/1/2018**File Name:** S0374000366

Bridge Inspection Field Sketch

Upper Guide Roller - West



	Clearance	Comment
South Side	1"	
North Side	3/16"	Track has 1/4" dent from impact with roller

Title

UPPER ROLLER GUIDE WEST END

Description

UPPER GUIDE ROLLER WEST END

Bridge No: 640013

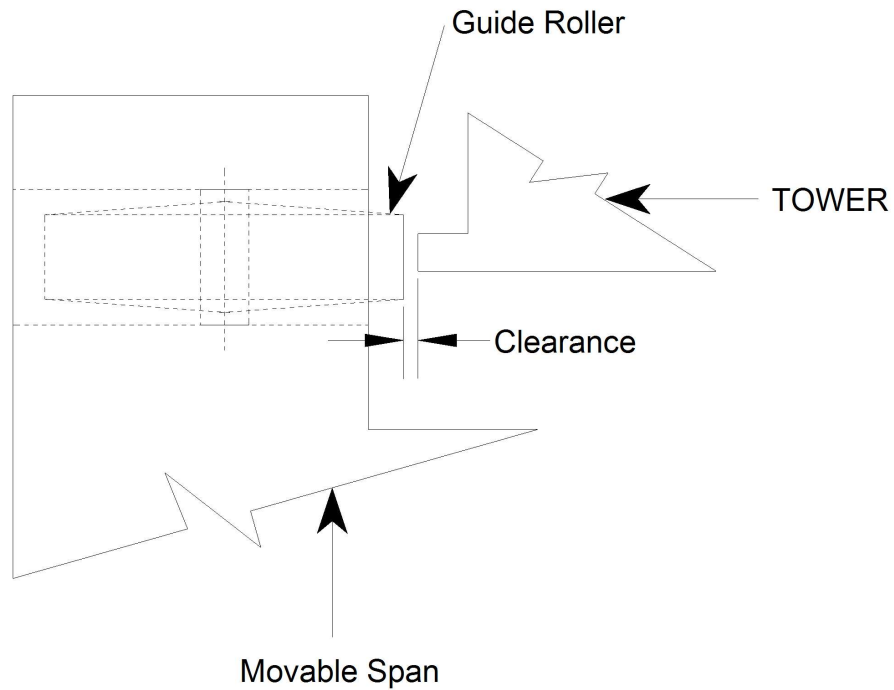
Drawn By: WC VERIFIED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000016

Bridge Inspection Field Sketch

Lower Guide Roller - West



	Clearance	Comment
South Side	5/16"	WHEEL TURNS FREELY
North Side	1/2"	WHEEL TURNS FREELY

Title

LOWER GUIDE ROLLER WEST

Description

LOWER GUIDE ROLLER WEST END

Bridge No: 640013

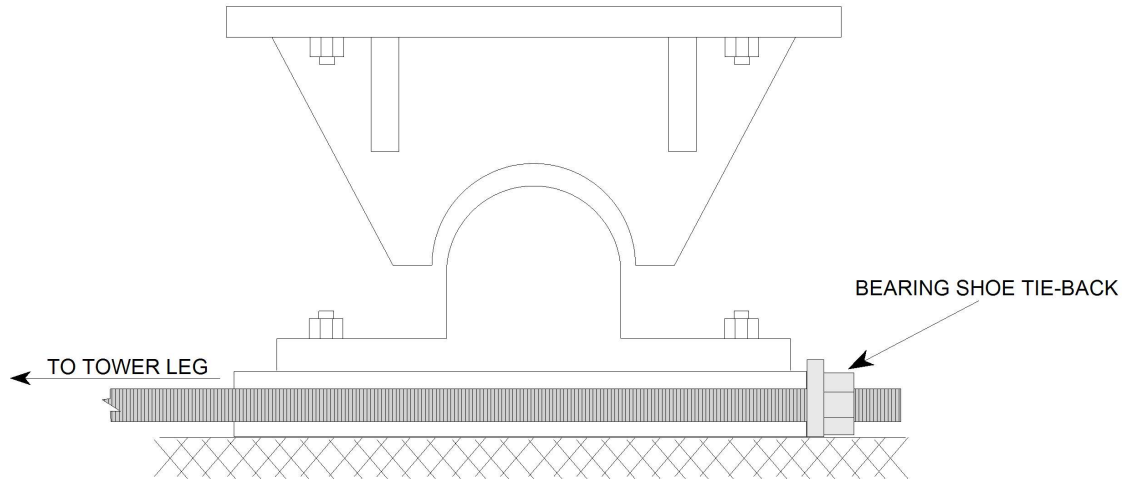
Drawn By: WC **VERIFIED 3/4/21 JRW**

Date: 03/27/2006

File Name: S0186000017

Bridge Inspection Field Sketch

FIXED BEARING EAST END



North Side

Bearing shoe/saddle dry w/ surfacae rust
Shoe anchored to tower leg

South Side

Bearing shoe/saddle dry w/ surfacae rust
Shoe anchored to tower leg

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title

FIXED BEARING EAST END

Description

FIXED SHOE EAST END

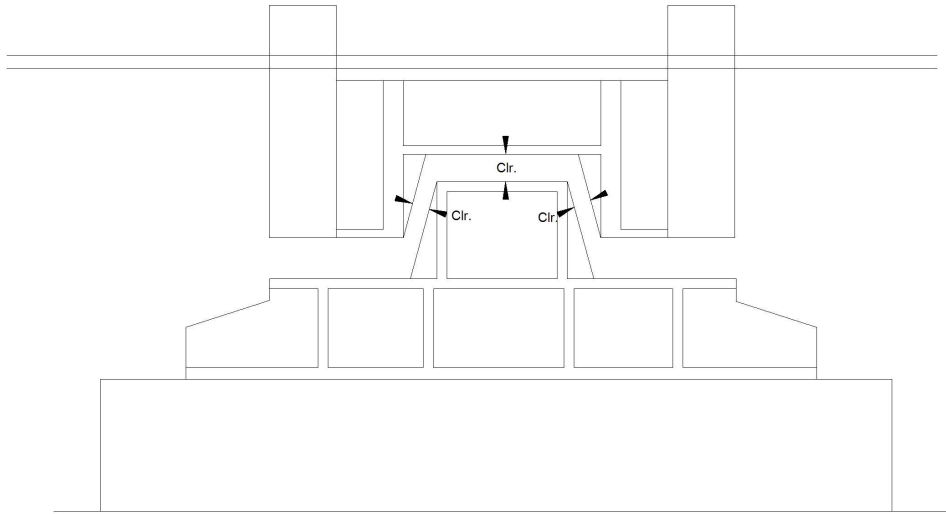
Bridge No: 640013

Drawn By: WC

Date: 05/22/2006

File Name: S0186000023

Bridge Inspection Field Sketch



TRANSVERSE CENTERING SHOE

EAST SIDE

CONNECTION PLATE SECTION LOSS REPAIRED
WEAR PADS DRY w/ SURFACE RUST

WEST SIDE

CONNECTION PLATE SECTION LOSS REPAIRED
WEAR PADS DRY w/ SURFACE RUST

Centering Shoe Guide Clearances

Left	1/8"
Top	1-3/4"
Right	3/8"

Centering Shoe Guide Clearances

Left	1/4"
Top	3/4"
Right	1/8"

Title

transverse centering shoe

Description

transverse centering shoe

Bridge No: 640013

Drawn By: WC

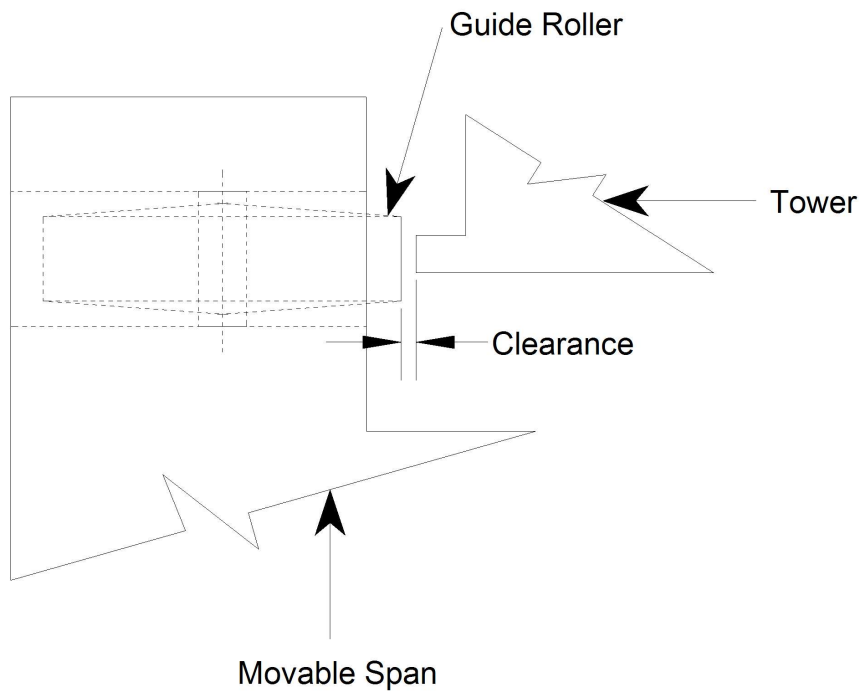
REVISED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000024

Bridge Inspection Field Sketch

Upper Guide Roller - East



	Clearance	Comment
South Side	7/8"	
North Side	1/4"	

Title

upper guide roller east end

Description

upper guide roller east end

Bridge No: 640013

Drawn By: WC

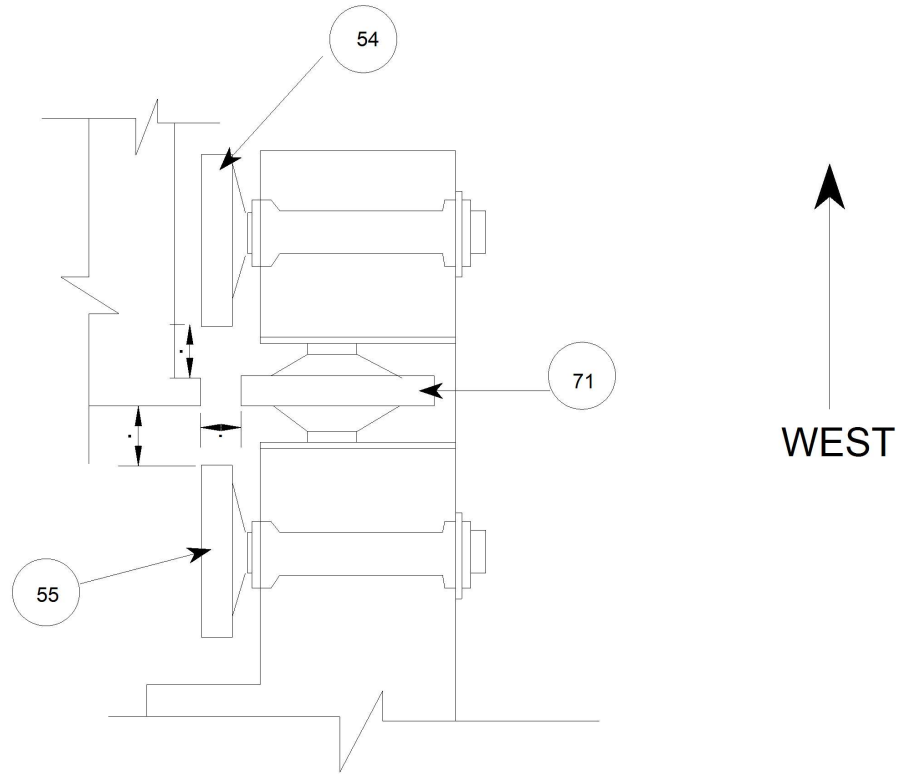
VERIFIED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000025

Bridge Inspection Field Sketch

LOWER GUIDE ROLLERS - EAST END



South

North

Roller #	Clearance	Comment	Roller #	Clearance	Comment
54	3/8"		54	1/4"	
55	3/8"		55	3/8"	Wheel frozen - could not turn
71	3/8"		71	7/16"	

Title

LOWER GUIDE ROLLERS EAST END

Description

LOWER GUIDE ROLLERS EAST END

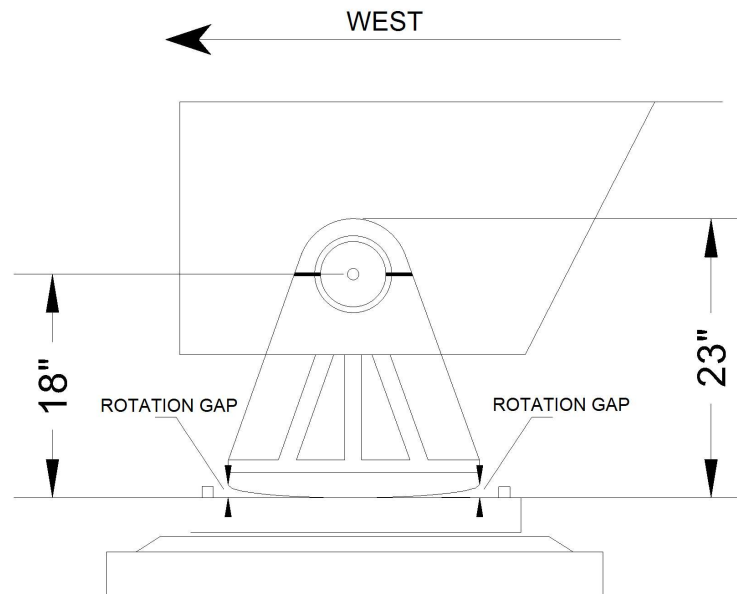
Bridge No: 640013

Drawn By: WC REVISED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000026

Bridge Inspection Field Sketch



TEMP: 72° F

SOUTH SIDE

ROTATION GAP

WEST	EAST
3-5/8"	5-1/2"

2021 - SURFACE RUST FORMING ON ALL COMPONENTS

NORTH SIDE

ROTATION GAP

WEST	EAST
4-3/16"	5"

(1) Anchor bolt sheared off flush w/ top of masonry plate

2021 - APPROX 1/8" VERICAL MOVEMENT UNDER HEAVY LL BETWEEN SOLE PLATE AND ROCKER AT PIN

2021 - SURFACE RUST FORMING ON ALL COMPONENTS

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021 [SEE 2021 WIGINS ELEMENT NOTES FOR FURTHER DETAILS]

Title

SPAN 18 ROCKER BEARING

Description

ROCKER BEARING WEST END

Bridge No: 640013

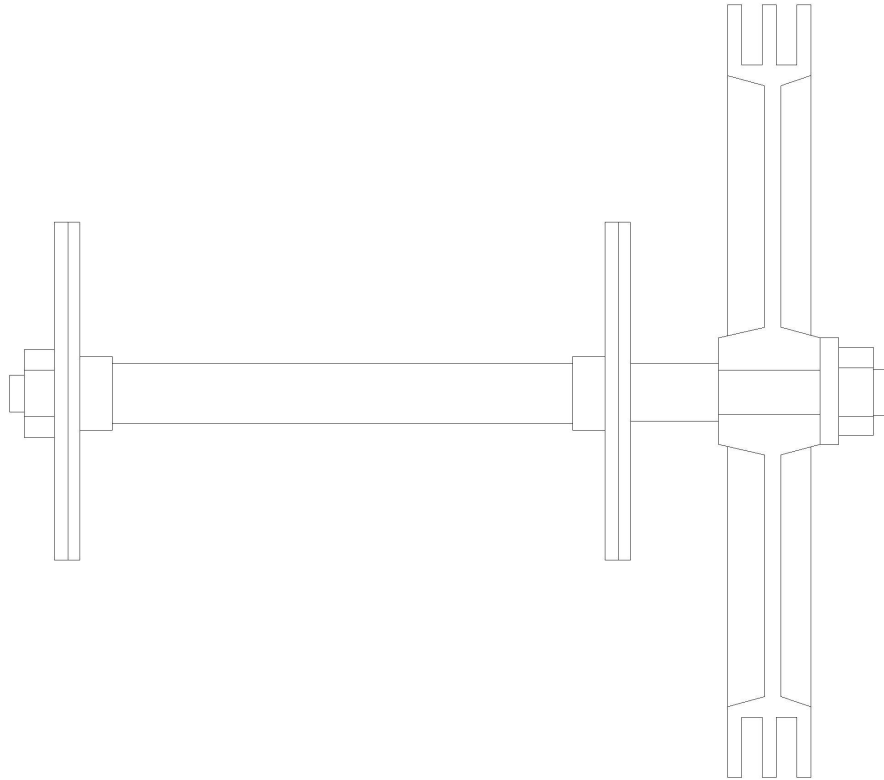
Drawn By: WC

Date: 03/27/2006

File Name: S0186000015

Bridge Inspection Field Sketch

Auxiliary Counterweight Sheave
West End



South Side

CABLES REPLACED 2012

North Side

CABLES REPLACED 2012

SURFACE RUST ON EXPOSED SECTIONS OF CABLES - MAINTENANCE REQUESTED

Title

Au. counterweight sheave west

Description

auxiliary counterweight sheave
west end

Bridge No: 640013

Drawn By: WC

VERIFIED 3/4/21 JRW

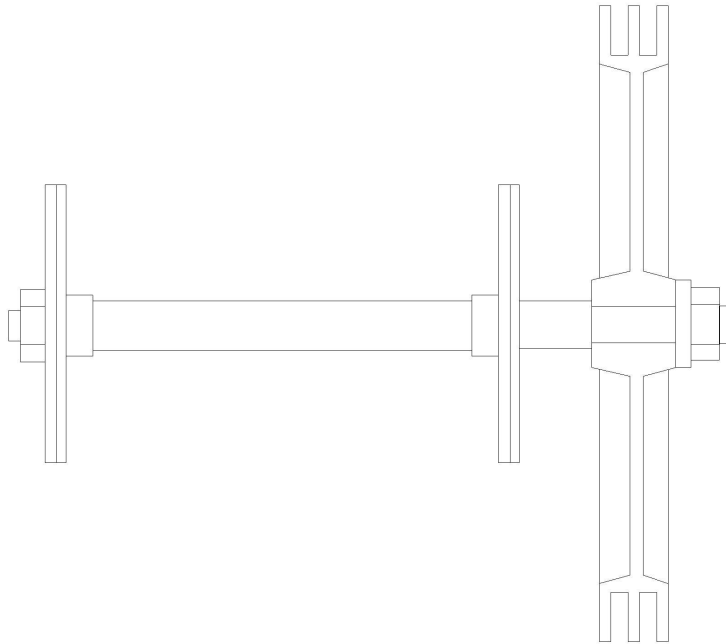
Date: 05/22/2006

File Name: S0186000027

Bridge Inspection Field Sketch

Auxiliary Counterweight Sheave

East End



South Side

CABLES REPLACED 2012

North Side

CABLES REPLACED 2012

SURFACE RUST FORMING ON EXPOSED SECTIONS OF CABLES - MAINTENACE REQUESTED

Title

Aux. counterweight sheave east

Description

Auxiliary counterweight sheave
east end

Bridge No: 640013

Drawn By: WC

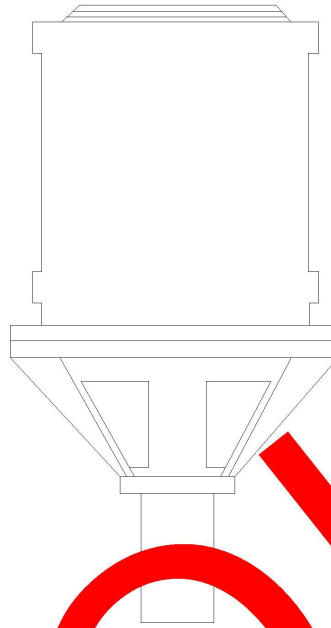
VERIFIED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000028

Bridge Inspection Field Sketch

UPPER BUFFER CYLINDERS



SOUTHEAST	GOOD CONDITION
SOUTHWEST	GOOD COND
NORTHEAST	GOOD CONDITION
NORTHWEST	GOOD CONDITION

AIR BUFFERS REPLACED WITH BUMP STOPS 2019

Title

upper buffer cylinder - VOID

Description

upper buffer cylinders

Bridge No: 640013

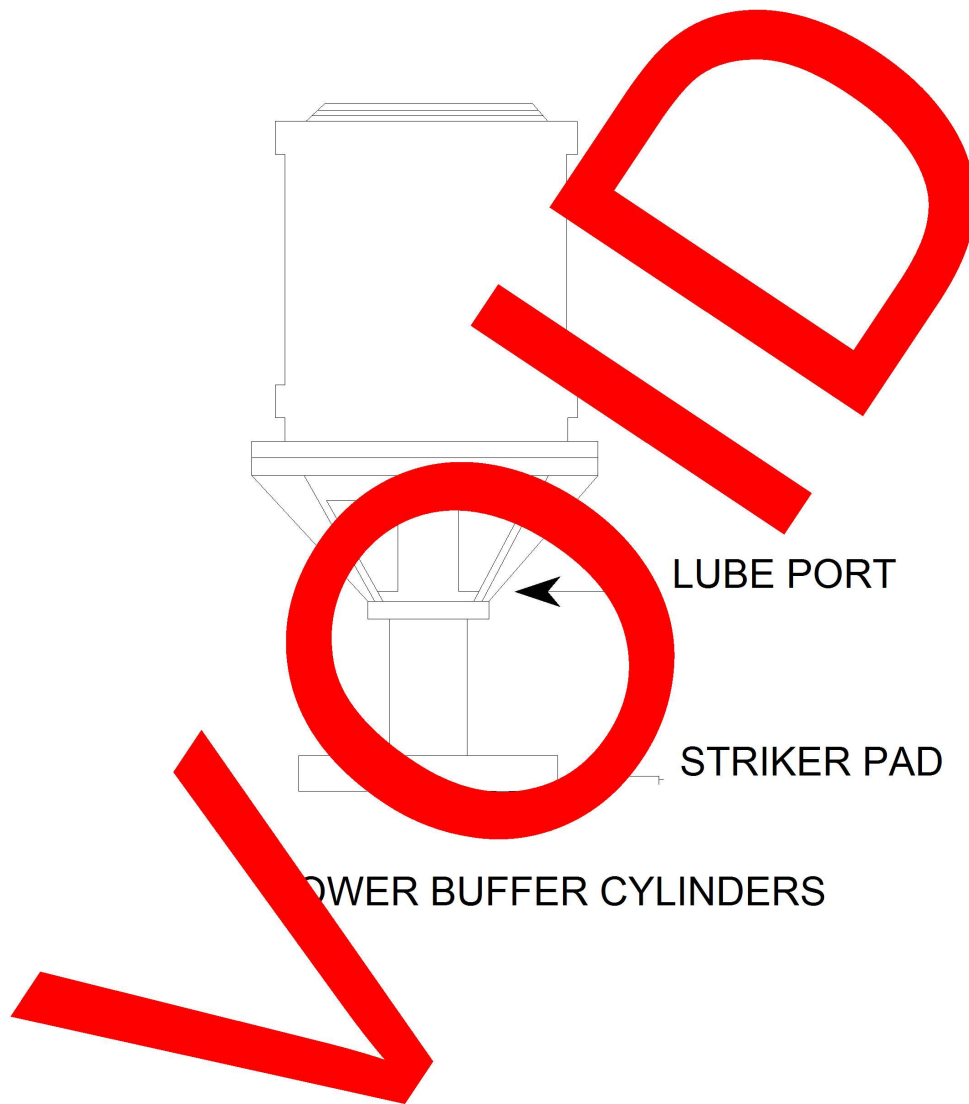
Drawn By: WC

REVISED 6/27/19 JRW

Date: 05/22/2006

File Name: S0186000029

Bridge Inspection Field Sketch



LOWER AIR BUFFERS HAVE BEEN REMOVED

Title

lower buffer cylinders - VOID

Description

lower buffer cylinders

Bridge No: 640013

Drawn By: WC VERIFIED 3/14/16 JRW

Date: 05/22/2006

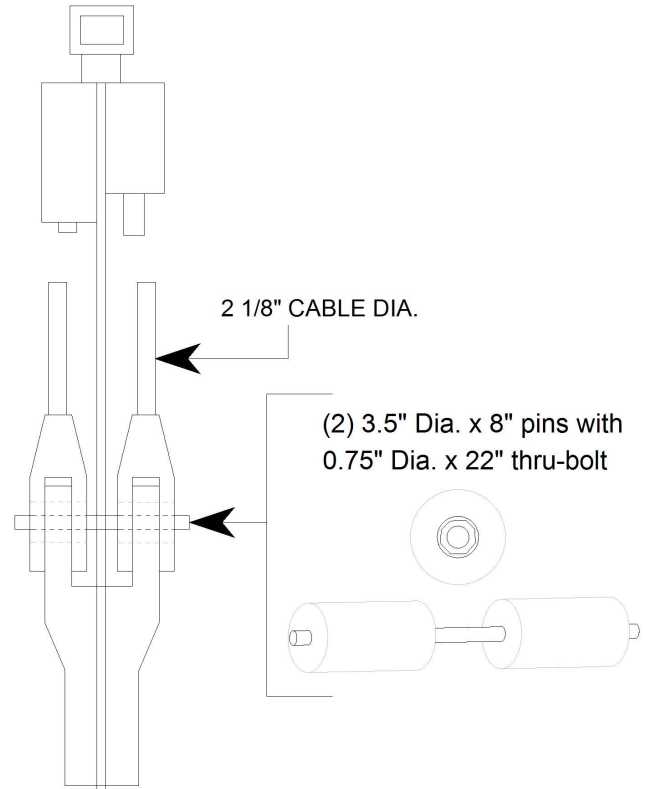
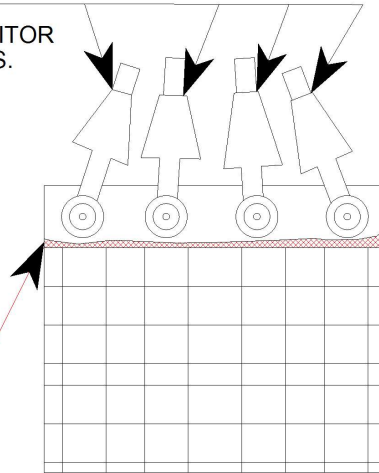
File Name: S0186000030

Bridge Inspection Field Sketch

ALL CABLES PULLED OUT 1/4" +/- AT COUNTERWEIGHT CONN.

WILL CONTINUE TO MONITOR
IN FUTURE INSPECTIONS.

NO CHANGE 2021



Cable Attachment to Counterweight

WEST END

FAIR CONDITION

EAST END

FAIR CONDITION

(3) ~1/2" DIA. HOLES IN TOP OF SE COUNTERWEIGHT LID.
2'x2' AREA OF ACTIVE CORROSION w/ SCALE ON TOP OF
NE COUNTERWEIGHT LID.

ACTIVE CORROSION w/ PITTING UP TO 3/8"D x 4"H SCATTERED ON COUNTERWEIGHT CONNECTION MEMBER ALONG
TOP OF COUNTERWEIGHT AND BEHIND PIN CARRIER PLATES - ALL CONNECTIONS SIMILAR (PAR SUBMITTED 3/2021)

ALL CABLES REPLACED WITH NEW IN 2012

2015 - 10' LENGTH MEASURED ON CABLE FROM TOP OF SPACER BLOCK ABOVE COUNTERWEIGHT TO MARK JUST BELOW RACK GEAR IN NE TOWER.

2020 - NO CHANGE IN LENGTH - ALL CABLES DRY AND NEED GREASE - SURFACE RUST ON EXPOSED AREAS - MAINT. REQUESTED (SEE PHOTO)

2021 - NO CHANGE IN LENGTH - ALL CABLES DRY AND NEED GREASE - SURFACE RUST ON EXPOSED AREAS - MAINT. REQUESTED (SEE PHOTO)

Title

cable attachment to counterwei

Description

cable attachment to counterwei
ght

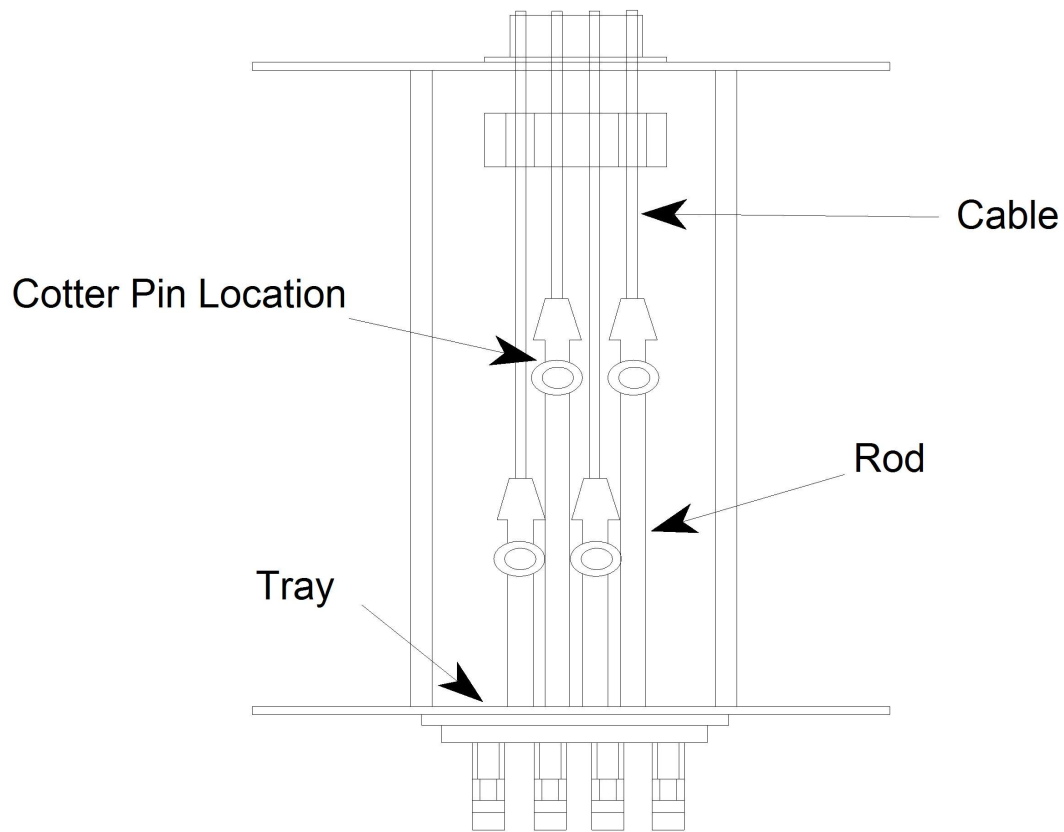
Bridge No: 640013

Drawn By: WC REVISED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000031

Bridge Inspection Field Sketch



ALL REPLACED WITH NEW 2012

East End

2017 - GOOD CONDITION

West End

2017 - GOOD CONDITION

Title

cable attachment

Description

cable attachment

Bridge No: 640013

Drawn By: WC

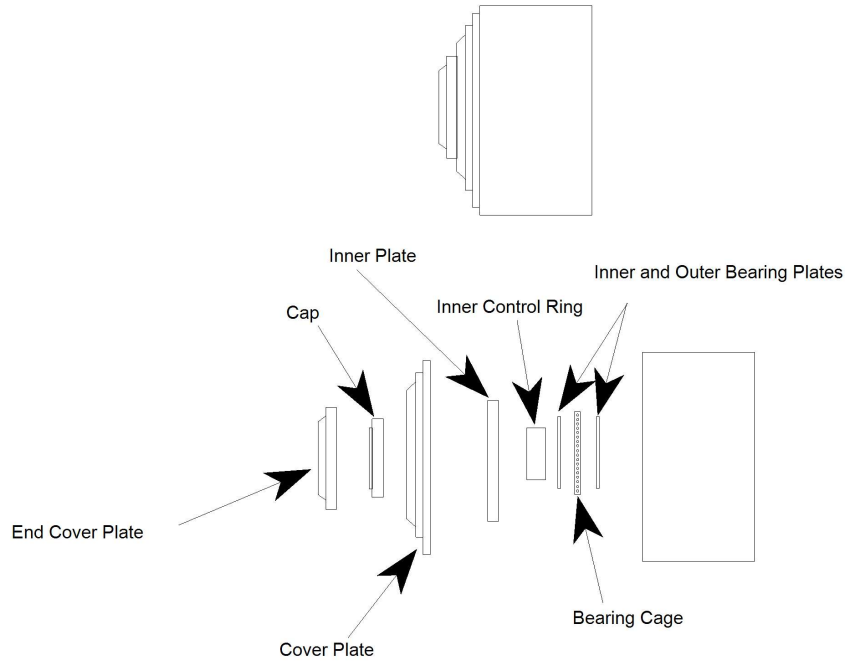
VERIFIED 3/14/17 JRW

Date: 05/22/2006

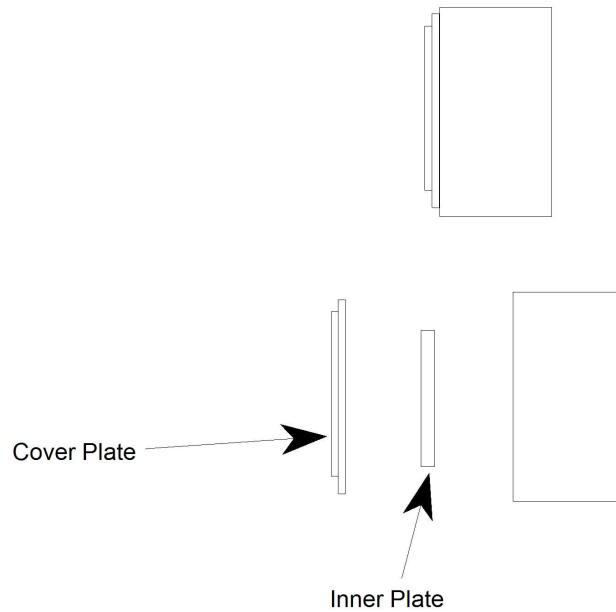
File Name: S0186000032

Bridge Inspection Field Sketch

INSIDE TRUNNION ASSEMBLED



OUTSIDE TRUNNION ASSEMBLED



Title
TRUNNION ASSEMBLY

Description
INSIDE AND OUTSIDE TRUNNIONS

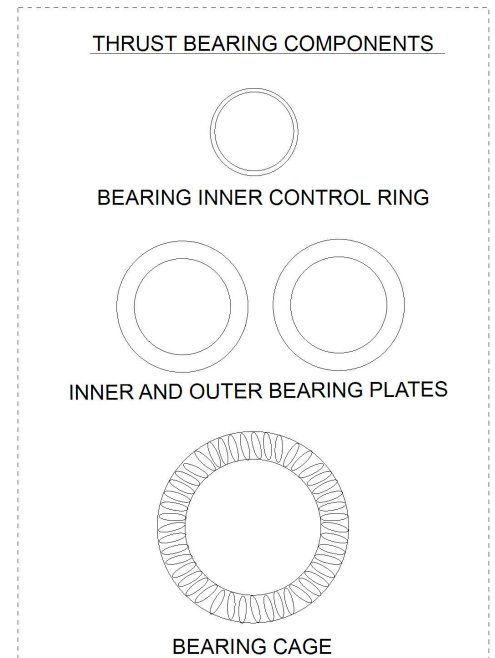
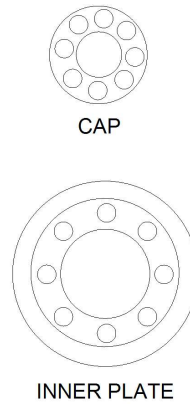
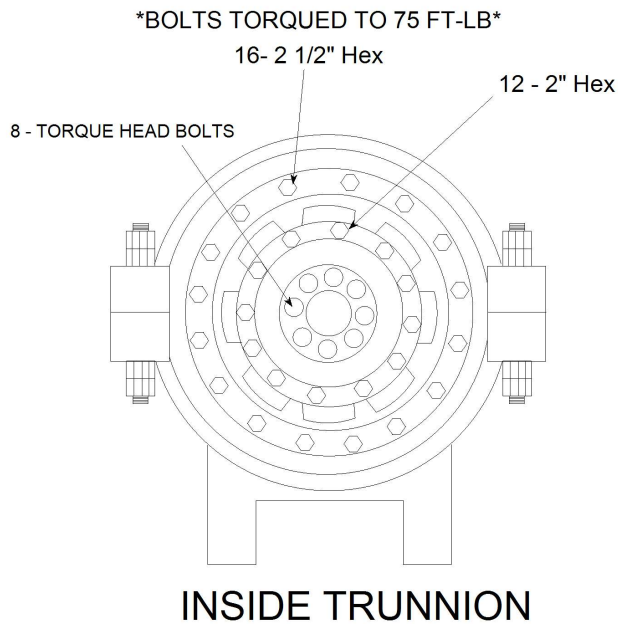
Bridge No: 640013

Drawn By: JAF

Date: 4/7/2008

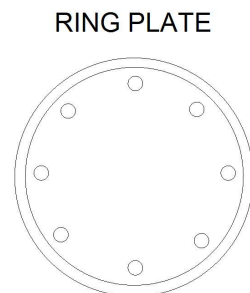
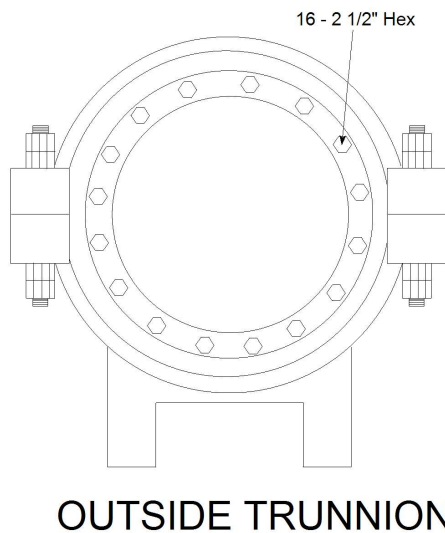
File Name: S0194000213

Bridge Inspection Field Sketch



WEST TOWER - SHEAVE #3 - INSIDE BEARING COMPONENTS REPLACED 2019 (BEARING PLATES, CAGE & CONTROL RING)

EAST TOWER - SHEAVE #1 - INSIDE BEARING COMPONENTS REPLACED 2019 (BEARING PLATES, CAGE & CONTROL RING)



Title
TRUNNION PARTS LIST

Description
INSIDE & OUTSIDE TRUNNIONS

Bridge No: 640013

Drawn By: JAF VERIFIED 3/4/21 JRW

Date: 4/3/2008

File Name: S0194000212

Bridge Inspection Field Sketch

MOVEABLE BRIDGE MACHINERY

Title

MOVABLE BRIDGE MACHINERY

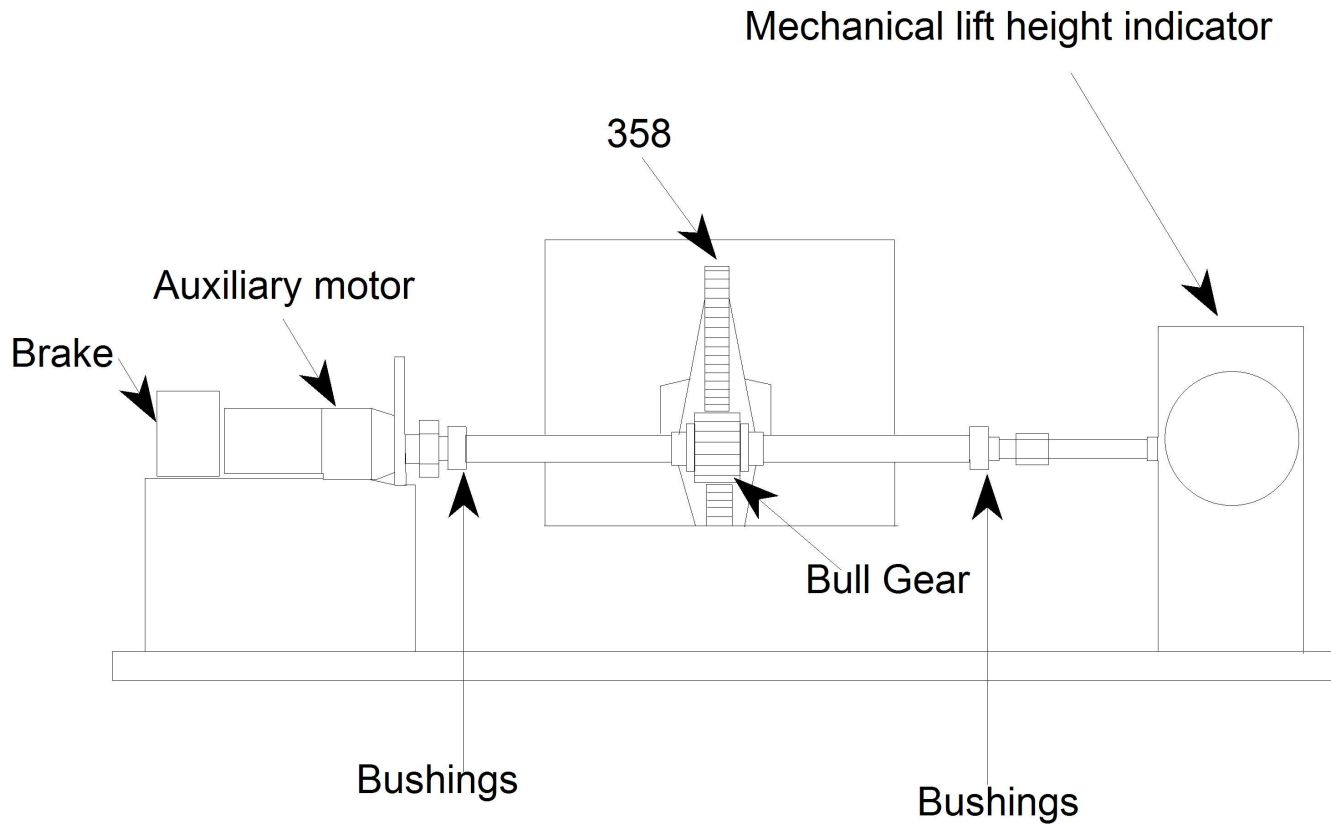
Description

MOVABLE BRIDGE MACHINERY

Bridge No: 640013**Drawn By:** BC**Date:** 2/22/2010**File Name:** S0038000741

Bridge Inspection Field Sketch

Auxiliary Drive Assembly - East & West Towers



FAIR CONDITION
2020 - MINOR SURFACE RUST ON BRAKE DRUMS

Title

New Auxiliary Motor East & West Tower

Description

Machinery Auxiliary Motor

Bridge No: 640013

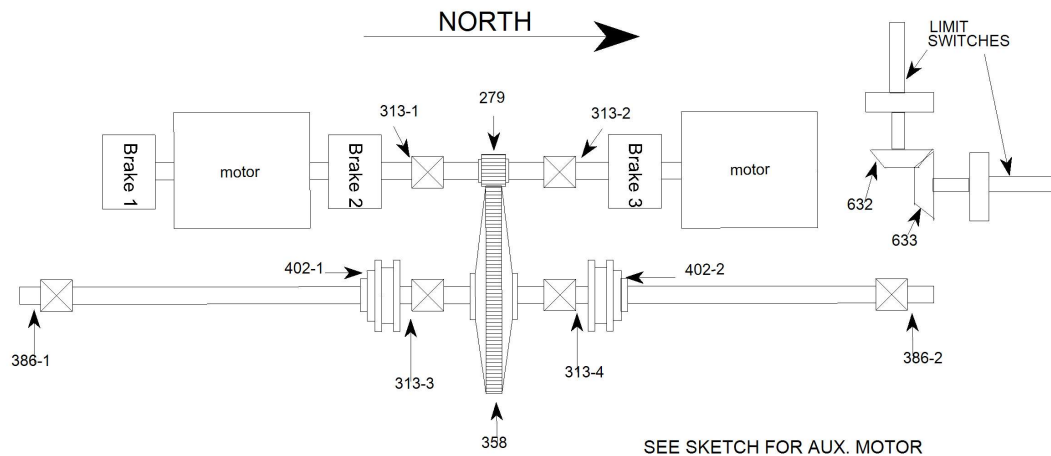
Drawn By: JAF VERIFIED 3/4/21 JRW

Date: 4/2/2008

File Name: S0194000207

Bridge Inspection Field Sketch

PLAIN VIEW OPERATING MACH. EAST TOWER



GEARS

PIECE NO.	NO. TEETH	PITCH	P.A.	OR.CHORD ADD.	OR.CHORD THICK.	MEAS.CHORD THICK.		
						LEFT	CENTER	RIGHT
279	17	1.5" C.P.	20 DEG.	0.4947	0.7489	0.740	0.740	0.744
358	120	1.5" C.P.	20 DEG.	0.4800	0.7350	0.730	0.730	0.730

BUSHINGS

PIECE NO.	MEAS. CLEAR.	COMM.	PIECE NO.	MEAS. CLEAR.	COMM.
386-1	0.013 @ 10:00 0 @ 4:00	WELL LUBED	313-2	0.016 @ 12:00 0 @ 6:00	WELL LUBED
386-2	0.019 @ 12:00 0 @ 6:00	WELL LUBED	313-3	0.005 @ 12:00 0.008 @ 6:00	WELL LUBED
313-1	0.013 @ 6:00 0.007 @ 12:00	WELL LUBED	313-4	0.020 @ 11:00 0 @ 5:00	WELL LUBED

PART	COMMENTS
402-1	COMPRESSED SPRING MEASUREMENT VARIES 2" OR LESS (BOLTS REPLACED 2019)
402-2	COMPRESSED SPRING MEASUREMENT VARIES 2" OR LESS (BOLTS REPLACED 2019)
BRAKES	FAIR CON. - MINOR SURFACE RUST, SCORING AND PITTING ON ALL BRAKE DRUMS
632	FAIR CONDITION - MINOR / NORMAL WEAR
633	FAIR CONDITION - MINOR / NORMAL WEAR

SE Brake Fluid	
Brake 1	FLUID LEVEL 1-1/2" BELOW FILL PLUG
Brake 2	FLUID LEVEL GOOD
Brake 3	FLUID LEVEL GOOD

Title

operating machinery easttower

Description

plan view - operating machinery east tower

Bridge No: 640013

Drawn By: WC

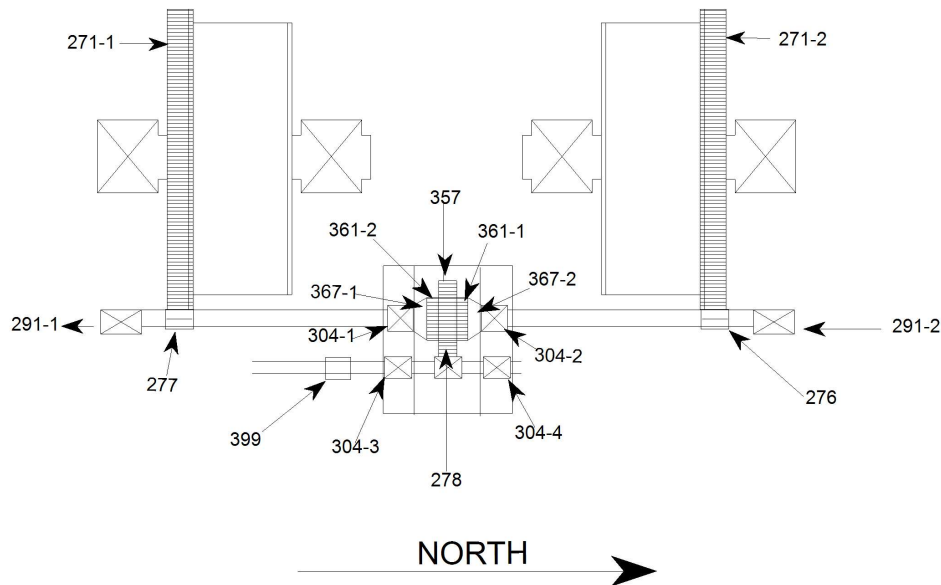
REVISED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000010

Bridge Inspection Field Sketch

EAST TOWER OPERATING MACHINERY NORTH SIDE



GEARS

GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

Piece No.	No. Teeth	Pitch	P. A.	Original Chord Addend.	Original Chord Thickness	Measured Chord Thick.			Backlash	Root/Tip Clearance	Comments
						Left	Center	Right			
271-1	240	2.5 cp	20 deg.	0.7972	1.2300	1.229	1.225	1.219	0.180	0.255	GREASE THIN
271-2	240	2.5cp	20 deg.	0.7972	1.2300	1.225	1.225	1.220	0.125	0.200	GREASE THIN
276	17	2.5cp	20 deg.	0.8246	1.2482	1.203	1.200	1.209	-----	-----	GREASE THIN
277	17	2.5cp	20 deg.	0.8246	1.2482	1.215	1.190	1.200	-----	-----	GREASE THIN
278	17	1.75cp	20 deg.	0.5772	0.8737	0.865	0.860	0.863	-----	-----	GREASE THIN
357	72	1.75cp	20 deg.	0.5620	0.8550	0.840	0.840	0.840	-----	-----	GREASE THIN
361-1	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
361-2	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
367-1	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN
367-2	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN

SEE INSP. REPORT FOR GEAR NOTES.

BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0 @ 12:00, 0.025 @ 6:00	-----	304-2	-----	CANNOT READ
291-2	0 @ 12:00, 0.029 @ 6:00	-----	304-3	-----	CANNOT READ
304-1	-----	CANNOT READ	304-4	-----	CANNOT READ

PART	COMMENTS

Title

OP.MAC.EAST TOWER NORTHSIDE

Description

PLAN VIEW - OPERATING MACHINERY EAST TOWER-NORTHSIDE

Bridge No: 640013

Drawn By: WC

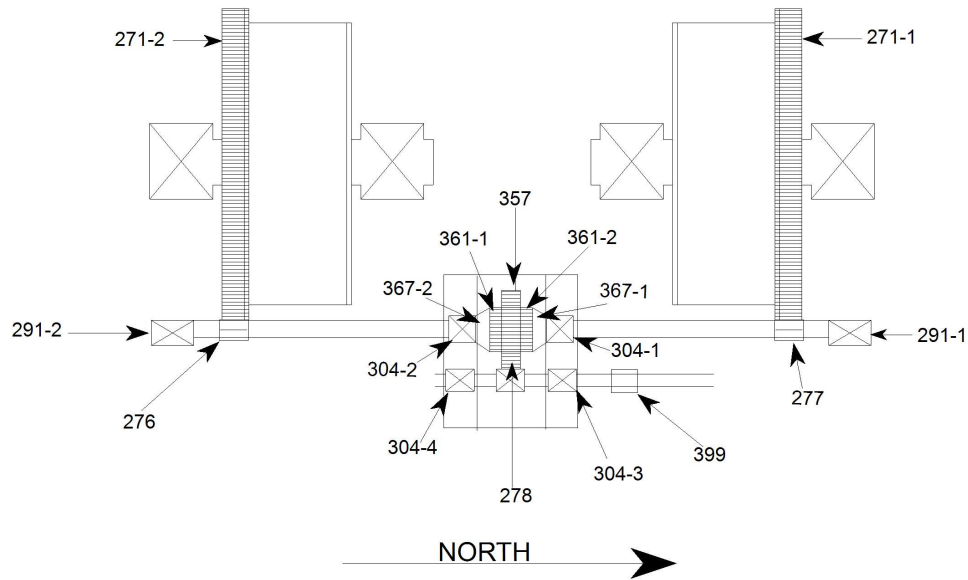
REVISED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000011

Bridge Inspection Field Sketch

EAST TOWER OPERATING MACHINERY SOUTH SIDE



GEARS

GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

Piece No.	No. Teeth	Pitch	P. A.	Original Chord Addend.	Original Chord Thickness	Measured Chord Thick.			Backlash	Root/Tip Clearance	Comments
						Left	Center	Right			
271-1	240	2.5 cp	20 deg.	0.7972	1.2300	1.210	1.220	1.200	0.077	0.170	GREASE THIN
271-2	240	2.5cp	20 deg.	0.7972	1.2300	1.195	1.200	1.194	0.075	0.170	GREASE THIN
276	17	2.5cp	20 deg.	0.8246	1.2482	1.215	1.208	1.220	-----	-----	GREASE THIN
277	17	2.5cp	20 deg.	0.8246	1.2482	1.225	1.225	1.225	-----	-----	GREASE THIN
278	17	1.75cp	20 deg.	0.5772	0.8737	0.863	0.863	0.863	-----	-----	GREASE THIN
357	72	1.75cp	20 deg.	0.5620	0.8550	0.840	0.843	0.840	-----	-----	GREASE THIN
361-1	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
361-2	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
367-1	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN
367-2	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN

SEE INSP. REPOR FOR GEAR NOTES.

BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0.028 @ 12:00, 0 @ 6:00	-----	304-2	-----	CANNOT READ
291-2	0.019 @ 12:00, 0 @ 6:00	-----	304-3	-----	CANNOT READ
304-1	-----	CANNOT READ	304-4	-----	CANNOT READ

PART	COMMENTS

Title

OP.MACH.EASTTOWERSOUTHSIDE

Description

PLAN VIEW - OPERATING MACHINERY EAST TOWER SOUTH SIDE

Bridge No: 640013

Drawn By: WC

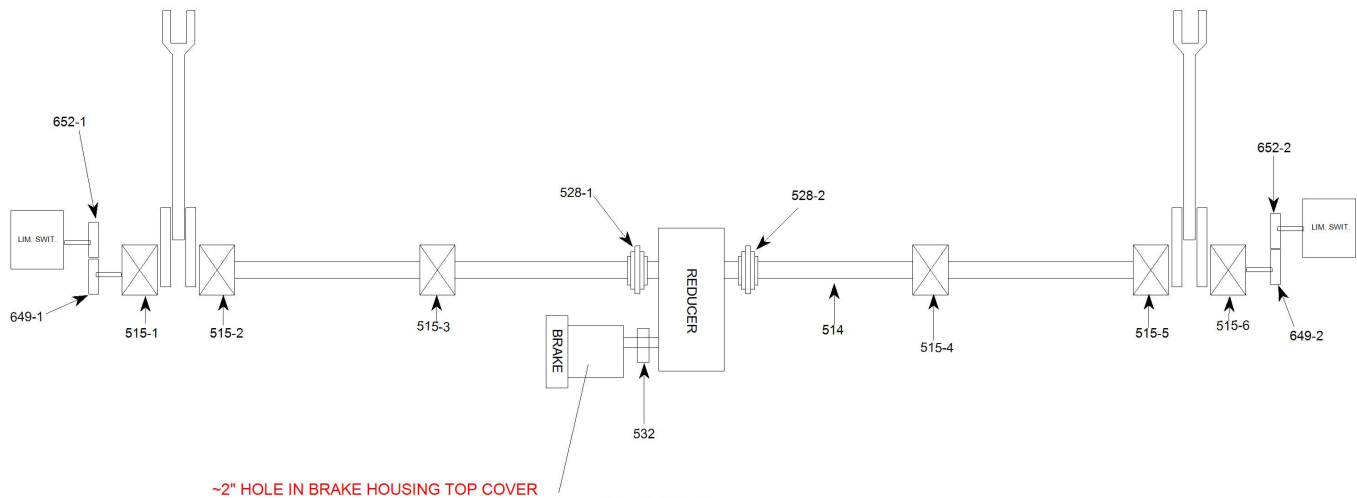
REVISED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000012

Bridge Inspection Field Sketch

LOCK MACHINERY - WEST END



BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
515-1	0.015 @ 11:00 0 @ 5:00	-----	515-4	0.017 @ 12:00 0 @ 6:00	-----
515-2	0.013 @ 11:00 0 @ 5:00	-----	515-5	0.015 @ 12:00 0 @ 6:00	-----
515-3	0.012 @ 1:00 0 @ 7:00	-----	515-6	0.010 @ 12:00 0 @ 6:00	-----

COMMENTS

Part	Review
Reducer	Good con. - Fluid level good
Motor	Good con.
Brake	Fair con. - minor surface rust on all components
532	Fair con. - minor surface rust
528-1	Good con.
528-2	Good con.

Title

WEST LOCK MACHINERY

Description

PLAN VIEW WEST LOCK MACHINERY

Bridge No: 640013

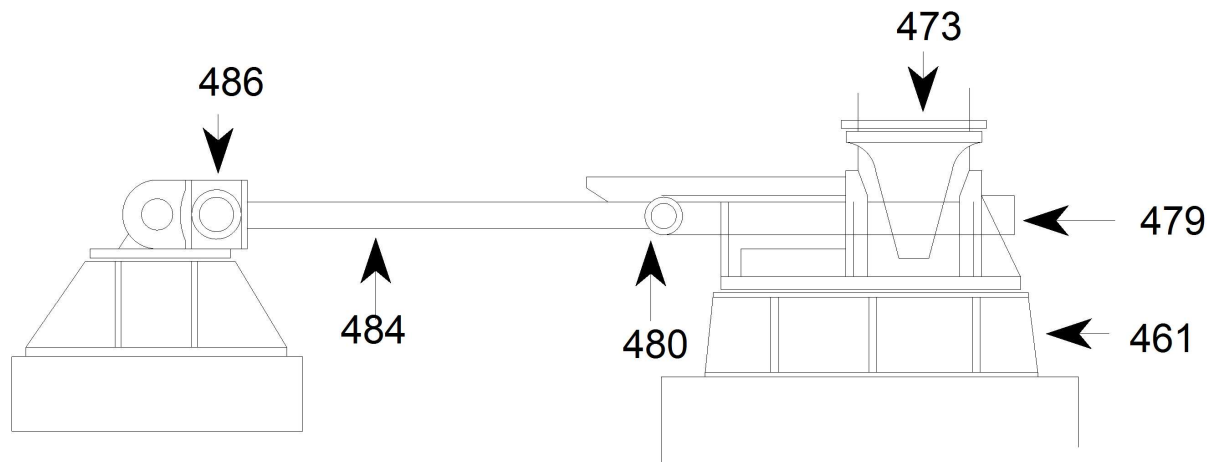
Drawn By: WC REVISED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000013

Bridge Inspection Field Sketch

WEST END LOCK



PIECE NO.	SOUTH SIDE	NORTH SIDE
461	ANCHOR BOLTS & NUTS REPAIRED	ANCHOR BOLTS & NUTS REPAIRED
473	GOOD CON.	GOOD CON.
479	LUBE GOOD	LUBE GOOD
480	GOOD CON.	GOOD CON.
484	GOOD CON.	GOOD CON.
486	GOOD CON.	GOOD CON.

Lock Shaft Clearances

	North	South
Left	3/4"	5/8"
Center	3/8"	1/4"
Right	1/4"	3/8"

Title

WEST TOWER LOCK MACHINERY

Description

LOCK MACHINERY WEST TOWER

Bridge No: 640013

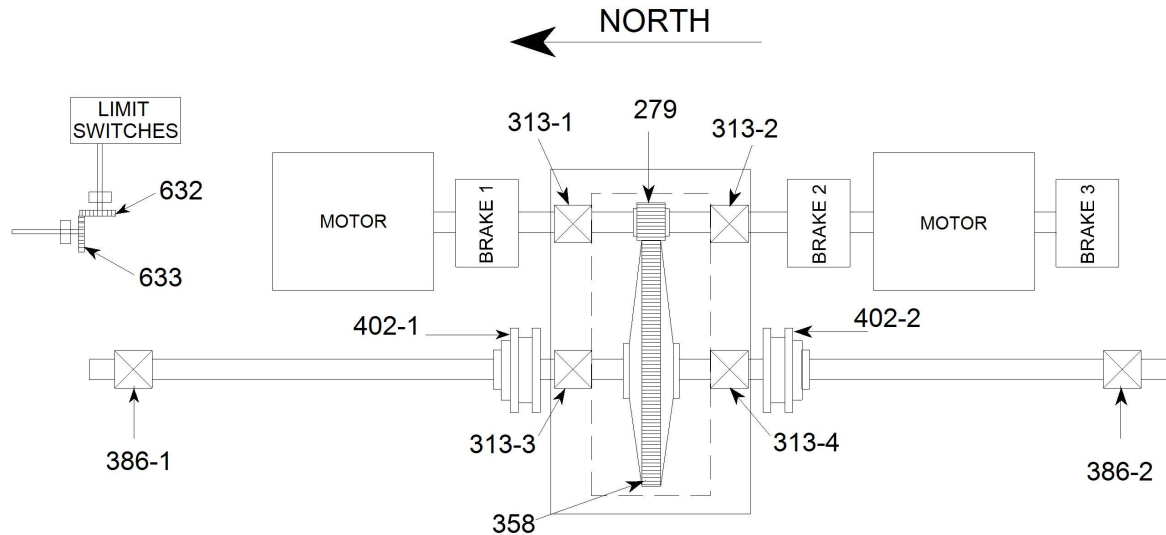
Drawn By: WC REVISED 3/4/21 JRW

Date: 03/27/2006

File Name: S0186000014

Bridge Inspection Field Sketch

PLAN VIEW- OPERATING MACHINERY WEST TOWER



GEARS

PIECE NO.	NO. TEETH	PITCH	P.A.	CHORD ADEND	CHORD THICK.	MEASURED THICK			COMMENT
						LEFT	CENTER	RIGHT	
279	17	1 1/2"C.P.	20 DEG	0.4947	0.7489	0.735	0.735	0.735	
358	120	1 1/2"C.P.	20 DEG	0.4800	0.7350	0.725	0.725	0.725	

BUSHINGS

PIECE NO.	MEASURED CLR.	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
386-1	0 @ 1:00 0.013 @ 6:00 THRU 7:00		313-2	0.018 @ 12:00 0 @ 6:00	
386-2	0.013 @ 9:00 0 @ 3:00		313-3	Cannot read	
313-1	0.012 @ 5:00 0.003 @ 11:00		313-4	Cannot read	

PART	COMMENT
402-1	COMPRESSED SPRING, MEASUREMENT VARIES 2" +/- (BOLTS REPLACED 2019)
402-2	COMPRESSED SPRING, MEASUREMENT VARIES 2" +/- (BOLTS REPLACED 2019)
BRAKES	FAIR CONDITION - SURFACE RUST & MINOR PITTING ON DRUMS - BRAKE 3 MOST SEVERE FLUID LEVELS GOOD
632	FAIR COND. - MINOR / NORMAL WEAR
633	FAIR COND. - MINOR / NORMAL WEAR
279; 358	FAIR COND. - MINOR / NORMAL WEAR

Title

operating machinery west

Description

operating machinery west tower
plan view

Bridge No: 640013

Drawn By: WC

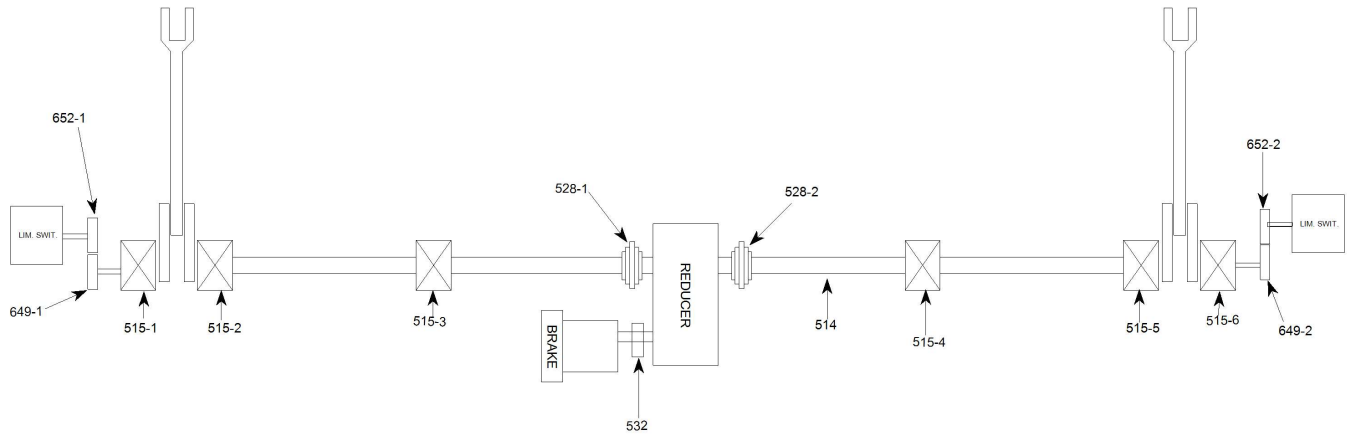
REVISED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000018

Bridge Inspection Field Sketch

LOCK MACHINERY - EAST END



BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
515-1	0.008 @ 3:00 0 @ 9:00	-----	515-4	0.008 @ 5:00 0 @ 11:00	-----
515-2	0.015 @ 12:00 0 @ 6:00	-----	515-5	0.021 @ 11:00 0 @ 5:00	-----
515-3	0.010 @ 2:00 0 @ 8:00	-----	515-6	0.009 @ 3:00 0 @ 9:00	-----

PART	REVIEW
REDUCER	GOOD CON. FLUID LEVEL GOOD
MOTOR	GOOD CONDITION
BRAKE	FAIR CONDITION; HAND LEVER DOES NOT WORK
532	GOOD CONDITION
528-1	GOOD CONDITION
528-2	GOOD CONDITION
652-1	POOR - APPROX. 1/8" ENGAGEMENT w/ GEAR 649-1 - PAR SUBMITTED 3/2021

Title

east tower lock machinery

Description

east tower lock machinery plan
view

Bridge No: 640013

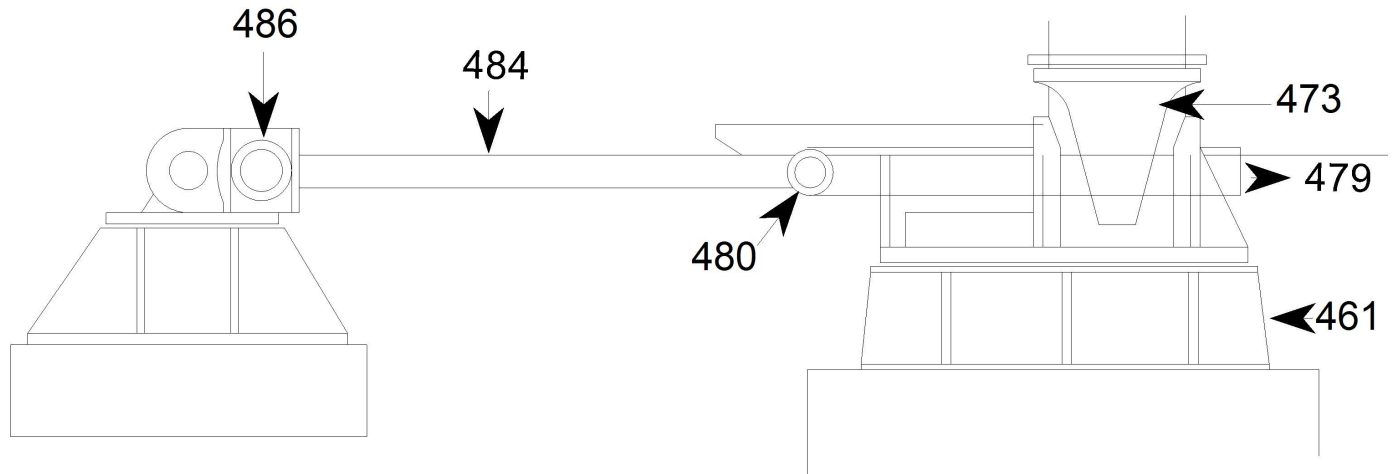
Drawn By: WC REVISED 3/4/21 JRW

Date: 05/22/2006

File Name: S0186000020

Bridge Inspection Field Sketch

EAST END LOCK



Piece No.	North Side	South Side
461	BASE HAS UP TO 100% SECTION LOST IN RANDOM AREAS THROUGHOUT - REPAIRED	GOOD
473	REPAIRED GOOD CON.	GOOD
479	GOOD CONDITION	GOOD
480	GOOD CONDITION	GOOD CONDITION
484	AREAS OF 1/4" DEEP SECTION LOST ADJ. TO 480 - CLEANED AND PAINTED	GOOD CONDITION
486	GOOD CONDITION	GOOD CONDITION

Lock Shaft Clearances

	North	South
Left	3/16"	1/2"
Center	1/4"	1/8"
Right	5/8"	5/8"

Title

east tower lockmach.2

Description

east tower lock machinery 2

Bridge No: 640013

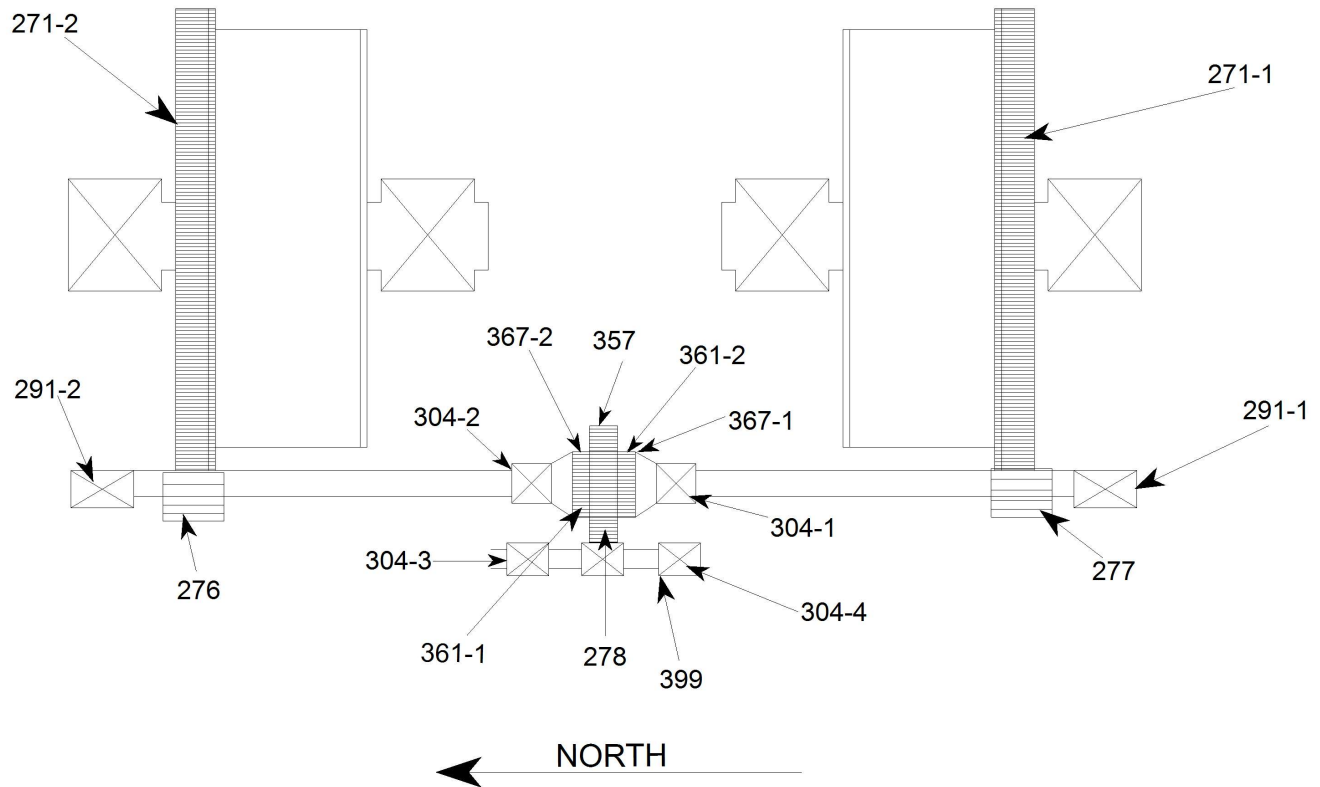
Drawn By: WC **REVISED 3/4/21 JRW**

Date: 05/22/2006

File Name: S0186000021

Bridge Inspection Field Sketch

West Operating Machinery - South Side



GEARS

GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

Piece No.	No. Teeth	Pitch	P. A.	Original Chord Addend.	Original Chord Thickness	Measured Chord Thick.			Backlash	Root/Tip Clearance	Comments
						Left	Center	Right			
271-1	240	2.5 cp	20 deg.	0.7972	1.2300	1.218	1.225	1.225	0.080	0.190	GREASE THIN
271-2	240	2.5cp	20 deg.	0.7972	1.2300	1.215	1.218	1.218	0.125	0.250	GREASE THIN
276	17	2.5cp	20 deg.	0.8246	1.2482	1.220	1.223	1.223	-----	-----	GREASE THIN
277	17	2.5cp	20 deg.	0.8246	1.2482	1.215	1.204	1.215	-----	-----	GREASE THIN
278	17	1.75cp	20 deg.	0.5772	0.8737	0.853	0.855	0.850	-----	-----	GREASE THIN
357	72	1.75cp	20 deg.	0.5620	0.8550	0.843	0.843	0.843	-----	-----	GREASE THIN
361-1	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
361-2	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
367-1	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN
367-2	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN

SEE INSP. REPORT FOR GEAR NOTES.

BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0.033 @ 12:00 0 @ 6:00		304-2	X	CANNOT READ
291-2	0.025 @ 12:00 0 @ 6:00		304-3	X	CANNOT READ
304-1	X	CANNOT READ	304-4	0.027 @ 6:00 0 @ 12:00	

Title

WEST TOWER OP. MACHINERY SOUTH

Description

WEST TOWER OPERATING MACHINERY
SOUTH SIDE

Bridge No: 640013

Drawn By: MM

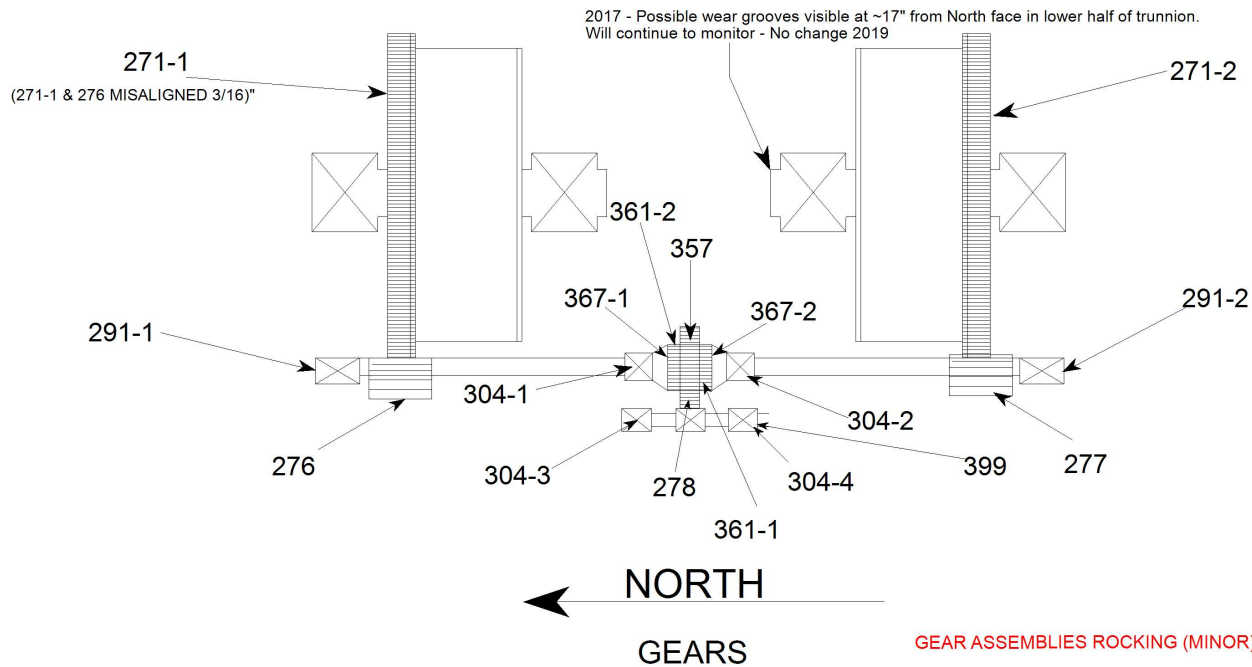
REVISED 3/4/21 JRW

Date: 06/05/2006

File Name: S0182000071

Bridge Inspection Field Sketch

West Operating Machinery - North Side



Piece No.	No. Teeth	Pitch	P. A.	Original Chord Addend.	Original Chord Thickness	Measured Chord Thick.			Backlash	Root/Tip Clearance	Comments
						Left	Center	Right			
271-1	240	2.5 cp	20 deg.	0.7972	1.2300	1.180	1.215	1.208	0.125	0.138	GREASE THIN
271-2	240	2.5cp	20 deg.	0.7972	1.2300	1.200	1.215	1.210	0.104	0.174	GREASE THIN
276	17	2.5cp	20 deg.	0.8246	1.2482	1.218	1.178	1.200	-----	-----	GREASE THIN
277	17	2.5cp	20 deg.	0.8246	1.2482	1.230	1.213	1.230	-----	-----	GREASE THIN
278	17	1.75cp	20 deg.	0.5772	0.8737	0.858	0.855	0.855	-----	-----	GREASE THIN
357	72	1.75cp	20 deg.	0.5620	0.8550	0.830	0.831	0.828	-----	-----	GREASE THIN
361-1	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
361-2	18	1.75cp	20 deg.	0.5760	0.8740	-----	-----	-----	-----	-----	GREASE THIN
367-1	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN
367-2	50	1.75cp	20 deg.	0.5640	0.8550	-----	-----	-----	-----	-----	GREASE THIN

SEE INSP. REPORT FOR GEAR NOTES.

BUSHINGS					
PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0 @ 12:00 0.029 @ 6:00		304-2	X	CANNOT READ
291-2	0.023 @ 4:00 0 @ 10:00		304-3	0.020 @ 12:00 0 @ 6:00	
304-1	X	CANNOT READ	304-4	X	CANNOT READ

PART	COMMENTS
399	FAIR
304-2	(2) SECTIONS OF SEAL PUSHED OUT 1-1/2"
271-1, 276	GEARS MISALIGNED 3/16"

Title

WEST TOWER OP MACHINERY NORTH

Description

WEST TOWER OPERATING MACHINERY
NORTH SIDE PLAN VIEW

Bridge No: 640013

Drawn By: MM

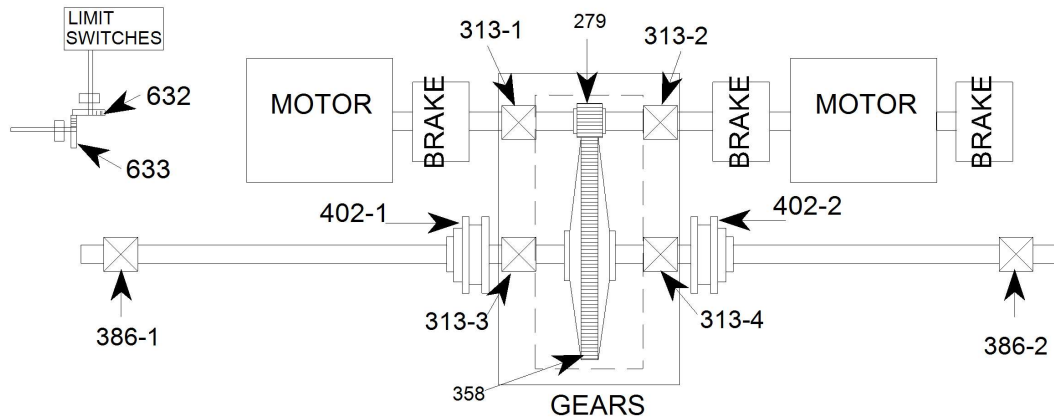
REVISED 3/4/21 JRW

Date: 06/05/2006

File Name: S0182000072

Bridge Inspection Field Sketch

PLAN VIEW- OPERATING MACHINERY WEST TOWER



PIECE NO.	NO. TEETH	PITCH	P.A.	CHORD ADEND	CHORD THICK	MEASURED THICK	COMMENTS
279	17	1 1/2" C.P.	20 DEG	0.4947	.7486		X
358	120	1 1/2" C.P.	20 DEG	0.480		.73	X

BUSHINGS

PIECE NO.	MEASURED CLR.	COMMENTS	PIECE NO.	MEASURED CL.	COMMENTS
386-1	0.009	X	313-2	0.007	X
386-2	0.013	X	313-3	0.007	X
313-1	0.014	X	313-4	0.024	X

PART	COMMENT
402-1	COMPRESSED SPRING, MEASUREMENT VARIES 1 15/16" +/-
402-2	COMPRESSED SPRING, MEASUREMENT VARIES 1 15/16" +/-
BRAKE (3)	FAIR CONDITION- ALL BRAKES HAVE BEEN HOT. FLUID IS LOW.
632	FAIR COND. GEARS ARE DRY.
633	FAIR COND. GEARS ARE DRY.
	NORTH SIDE BRAKE PADS ARE OFFSET 1/2" TO SOUTH SIDE.
279, 358	GEARS MISALIGNED
X	X

brakes	comm.
brake 1	fluid low
brake 2	fluid low
brake 3	fluid low

Title
WEST OPERATING MACHINERY PLAN

Description
WEST OPERATING MACHINERY PLAN
VIEW

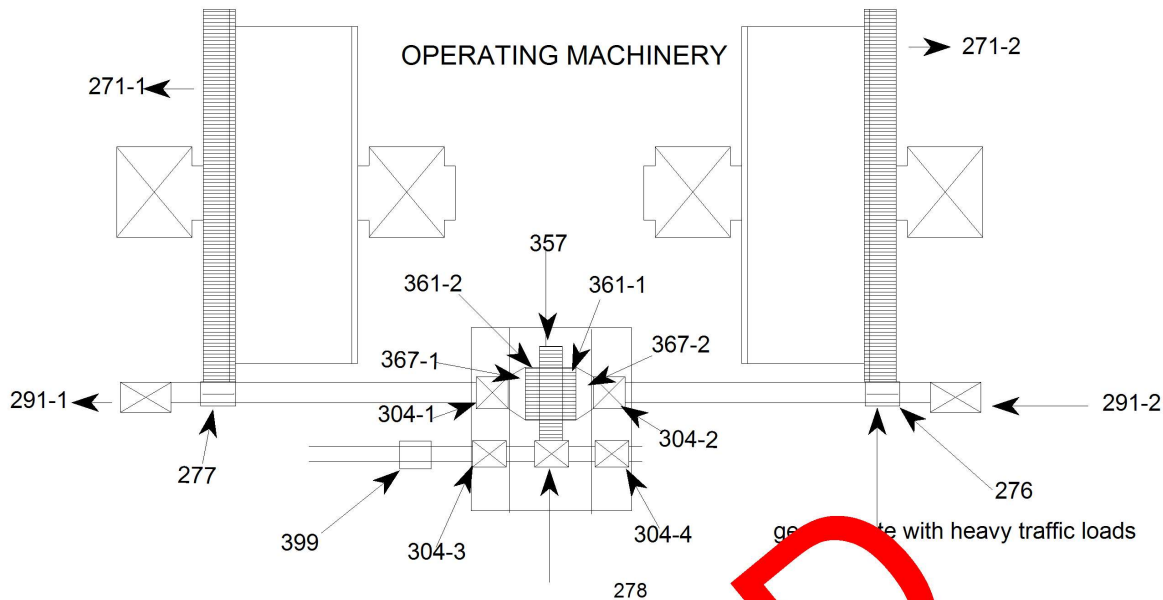
Bridge No: 640013

Drawn By: DRB

Date: 03/16/2006

File Name: S0182000042

Bridge Inspection Field Sketch



GEARS

piece no.	no. teeth	pitch	p.a.	or. chord add	or. chord thic.	meas. chord thic.	comments
271-1	240	2.5cp	20deg	0.7972	1.2300	1.220	gears are dry
271-2	240	2.5cp	20deg	0.7972	1.2300	1.224	gears are dry
276-1	17	2.5cp	20deg	0.8146	1.2482	1.234	gears are dry
276-2	17	2.5cp	20deg	0.8146	1.2482	1.236	gears are dry
278	17	1.75cp	20deg	0.5716	0.8737	0.857	gears are dry
357	72	1.75cp	20deg	0.5620	0.8550	0.805	gears are dry
361-1	18	1.75cp	20deg	0.5760	0.8740	---	----
361-2	18	1.75cp	20deg	0.5760	0.8740	---	----
367-1	50	1.75cp	20deg	0.5640	0.8550	---	----
367-2	50	1.75cp	20deg	0.5640	0.8550	---	----

BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0.030	-----	304-2	----	can't read
292-2	0.020	-----	304-3	0.015	-----
304-1	-----	can't read	304-4	-----	can't read

part	comments
399	shifting back & forth 3/8" movement under heavy traffic loads
304-4	seal pushed out 1"

Title

operating machinery west tower north side

Description

operating machinery west tower
-northside planview

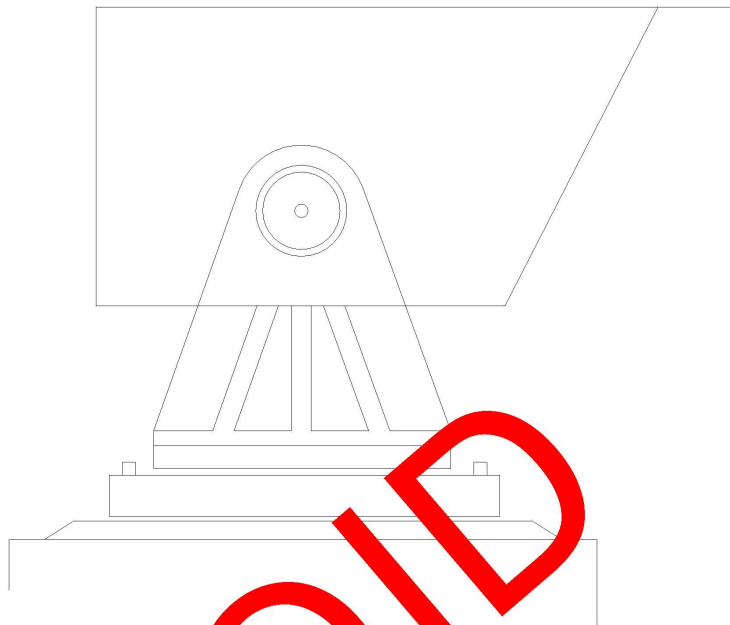
Bridge No: 640013

Drawn By: WC

Date: 05/22/2006

File Name: S0186000019

Bridge Inspection Field Sketch



EXPANSION SHOE WEST END

NORTH SIDE

GOOD CON.

some rust to 1/8"

SOUTH SIDE

FAIR CON.

Front of base toward east
tower barely moves up & down rust to 1/8" thick
in areas.

Title

expansion shoe westend

Description

expansion shoe west end

Bridge No: 640013

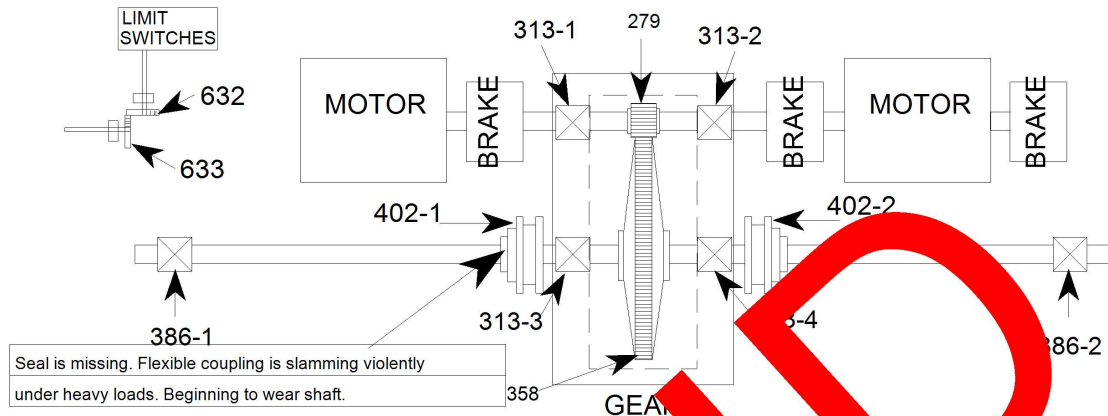
Drawn By: WC Verified By JAF 3/3/10

Date: 05/22/2006

File Name: S0186000022

Bridge Inspection Field Sketch

PLAN VIEW- OPERATING MACHINERY WEST TOWER



PIECE NO.	NO. TEETH	PITCH	P.A.	CHORD ADD	CHORD TH	MEASURED THICK	COMMENTS
279	17	1 1/2" C.P.	20 DEG	.947	.9		X
358	120	1 1/2" C.P.	DEG 0.4	.75	.720		X

BUSHINGS

PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
386-1	0.010	X	313-2	0.018	X
386-2	0.014	X	313-4	can't read	X
313-1	0.015	X	313-4	can't read	X

PART	COMMENT
402-1	COMPRESSOR SPRING, MEASURED VARIES 1 15/16" +/-
402-2	COMPRESSOR SPRING, MEASURED VARIES 1 15/16" +/-
BRAKE (3)	FAIR CONDITION- ALL BRAKES HAVE BEEN HOT. FLUID IS LOW.
632	FAIR COND.
633	FAIR COND.
	NORTH SIDE BRAKE PADS ARE OFFSET 1/2" TO SOUTH SIDE.
279, 358	GEARS MISALIGNED
X	X

Title

WEST OPERATING MACHINERY PLAN

Description

WEST OPERATING MACHINERY PLAN
VIEW

Bridge No: 640013

Drawn By: DRB

Date: 03/16/2006

File Name: S0182000042