

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	STRUCT	TURE NUMBER:	640013	FREC	QUENCY:	24 MONT	HS
FACILITY CARRIED	: US17,US	S76,US421				MILE POST:			
LOCATION: 0.35 M	I.E. JCT. U	S133							
FEATURE INTERSE	CTED: CA	PE FEAR RIVER							
LATITUDE: 34° 13	3' 38.74"		_LONGITUDE:	77° 57' 6.82"					
SUPERSTRUCTURE	E: TRUSS	LIFT SPAN&RC DE	CK ON STL.GE	RS.&PRESTR	.CONC.GD	RS.			
SUBSTRUCTURE: [	E.BTS:RC	CAP/PILES;INT.BT:R	CP&BLIFT SP	AN:RC PIERS					
SPANS: 35 SPA	NS. SEE S	PAN PROFILE SHEE	T FOR SPAN [	DETAILS					
✓ FRACTURE CR	ITICAL	TEMPORARY SH	IORING	SCOUR CRITI	CAL	SCOUR	PLAN OF	ACTION	
GRADES: (Inspecto	r/NBI Coding)	DECK 6/6 SU	JPERSTRUCTU	RE <u>5/5</u>	SUBSTRUC	TURE 6/6	CUL	VERT N/N	1
POSTED SV:				POSTED TTS	T:				
						Sign notice	d		Number Required
							d		
						NO	WEIG	HT LIMIT	0
				The Walson		NO	DELIN	EATORS	0
				WILMINGTON		NO	NARROV	W BRIDGE	0
	P.T.P			AZALEA FESTIVI	(int)	NO	ONE LAN	IE BRIDGE	0
						NO	LOW CL	EARANCE	0
_							CTION OF ECTION	W-E	
							ECTION IES PLANS	s	
WEST APPROAC	H LOOKIN	G EAST, EASTBOUN	D LANES						
INSPECTED BY ERIC A. PATTERSO	N	SIGNATURE	ε	2Pu		ASSISTED BY	MATT M	MOYER; KEIT OR	ГН

(1) STATE NAME NORTH CAROLINA BRIDGE	640013	SUFFICIENCY RATING			43.5
(8) STRUCTURE NUMBER (FEDERAL)	1290013	STATUS =		Functionally	Obsolet
(5) INVENTORY ROUTE (ON/UNDER) ON 1	26000170		CLASSIFICATION		CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	3	(112) NBIS BRIDGE SYSTEM			
(3) COUNTY CODE (FEDERAL) 129 (4) PLACE CODE	74440	(104) HIGHWAY SYSTEM	Inventory Ro	oute is on NHS	
(6) FEATURE INTERSECTED CAPE FEAR RIVER		(26) FUNCTIONAL CLASS	Urban Principal Arterial - O	ther Freeways	
(7) FACILITY CARRIED US17,US76,US421 (9) LOCATION 0.35 MI.E. JCT. US133		(100) STRAHNET HIGHWAY	Non-Interstate STR	-	
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE		tructure exists	
(12) BASE HIGHWAY NETWORK	1	(102) DIRECTION OF TRAFFIC	No paraner si	2-way traffic	
(13) LRS INVENTORY ROUTE & SUBROUTE	20017	,		2-way trainc	
	° 57' 6.82"	(103) TEMPORARY STRUCTUR			
(98) BORDER BRIDGE STATE CODE PERCENT SHARED		(110) DESIGNATED NATIONAL			
(99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL		On Free Road	
STRUCTURE TYPE AND MATERIAL		(21) MAINT -			
(43) STRUCTURE TYPE MAIN	Steel	(22) OWNER -			
TYPE Movable - Lift CODE	315	(37) HISTORICAL SIGNIFICANO	CE -		
(44) STRUCTURE TYPE APPROACH Prestressed	Concrete		CONDITION		CODE
TYPE Stringer/Multi-beam or girder CODE	502	(58) DECK			
(45) NUMBER OF SPANS IN MAIN UNIT	1	(59) SUPERSTRUCTURE			
(46) NUMBER OF SPANS IN APPROACH	32	(60) SUBSTRUCTURE			
(107) DECK STRUCTURE TYPE CODE	3	(61) CHANNEL & CHANNEL PR	OTECTION		
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS			
(A) TYPE OF WEARING SURFACE CODE	9	LOAD	RATING AND POSTING		CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD		H 20 + Mod	
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING MET	HOD -	Load Factor	
AGE AND SERVICE		(64) OPERATING RATING -		HS-31	
(27) YEAR BUILT	1969	(65) INVENTORY RATING MET	HOD -		
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING		HS-18	
(42) TYPE OF SERVICE ON -	Highway	(70) BRIDGE POSTING	No Pos	sting Required	
OFF - Highway - waterway CODE		(41) STRUCTURE OPEN, POST			
(28) LANES ON STRUCTURE 4 LANES UNDER STRUCTURE	12	DESCRIPTION		no restriction	
(29) AVERAGE DAILY TRAFFIC	61000	22001 11011	APPRAISAL ——		CODE
(30) YEAR OF ADT <b>2018</b> (109) TRUCK ADT PCT	12	(67) STRUCTURAL EVALUATIO			CODE
(19) BYPASS OR DETOUR LENGTH	3.0	(68) DECK GEOMETRY			
GEOMETRIC DATA		(69) UNDERCLEARANCES, VE	RT & HORIZ		
(48) LENGTH OF MAXIMUM SPAN	413.0	(71) WATERWAY ADEQUACY	KT & HORIZ		
(49) STRUCTURE LENGTH	3033.0	. ,	IONIMENIT		
(50) CURB OR SIDEWALK: LEFT 1.5 RIGHT	1.5	(72) APPROACH ROADWAY AL			
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	56.0	(36) TRAFFIC SAFETY FEATUR			00
(52) DECK WIDTH OUT TO OUT	97.7	(113) SCOUR CRITICAL BRIDG	ES		
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) (33) BRIDGE MEDIAN Closed median w/ non-mountable CODE	56.0 3		OSED IMPROVEMENTS		
(34) SKEW <b>0</b> (35) STRUCTURE FLAREDS	0	(75) TYPE OF WORK	IMPROVENCE:	CODE	<b>E</b>
(10) INVENTORY ROUTE MIN VERT CLEAR	16.0	(76) LENGTH OF STRUCTURE			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	27.0	(94) BRIDGE IMPROVEMENT C	COST		
(53) MIN VERT CLEAR OVER BRIDGE RDWY	16.0	(95) ROADWAY IMPROVEMEN	T COST		
(54) MIN VERT UNDERCLEAR: REFERENCE H	16.3	(96) TOTAL PROJECT COST			
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE H	1.8 99.9	(97) YEAR OF IMPROVEMENT	COST ESTIMATE		
(56) MIN LAT UNDERCLEARANCE LT:	99.9	(114) FUTURE ADT	122,000 YEAR OF FUTUR	RE ADT	20
NAVIGATION DATA			INSPECTION		
(38) NAVIGATION CONTROL - CODE		(90) INSPECTION DATE		) FREQUENCY	_
(111) PIER PROTECTION In place and functioning CODE	2	(92) CRITICAL FEATURE INSPE		(93) CFI DAT	
	425.0	A) FRACTURE CRIT DETA	AIL <b>24</b> A)		12
(39) NAVIGATION VERTICAL CLEARANCE	135.0		•		
(39) NAVIGATION VERTICAL CLEARANCE (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	65.0	B) UNDERWATER INSP	<b>60</b> B)		06/

			rtical							Traffic	nce			See /\	lote Be	low			m	
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 <sup>-</sup>	Total Horizontal Clearance	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
Ļ	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100		104	<u>110</u>
8	SR1300	31013000	39.3	0.0	0		19	2	100	2010	61.5	Н	39.0	7.8	36.8	4		2		
13	US76E/US17N	22000002	19.1	0.0			12	2			27.0	Н	18.8	2.0	1.0	3		1		
18	US76E/US17N/US421S	22000002	16.0	0.0			12	2			27.0	Н	16.0	2.0	1.0	3		1		
18	US76W/US17S/US421N	22000004	16.0	0.0			12	2			27.0	Н	16.0	2.0	1.0	3		1		
22	DELETED	51000000	26.2	0.0	0		19	2	100	2010	69.0	Н		12.7	99.9	3		2		司
23	US76W/US17S	22000004	99.0	0.0	0		12	2	100	2015	33.0	Н	19.6	8.0	1.0	3		1		ᆸ
24	QUEEN STREET [BENT 22]	55000004	26.2	0.0			19	2			69.0	Н	25.8	12.7	22.8	9		2		口
25	SURRY STREET	51000000	33.8	0.0	0		19	2	100	2010	35.8	Н	33.4	1.4	1.4	3		2		ᅦ
26	QUEEN STREET [BENT 23]	55000004	24.1	0.0			19	2			37.4	Н	23.9	1.4	1.4	3		2		$\exists$
31	FRONT STREET	51000000	17.5	0.0	0	0	17	3	12500	2019	63.2	Н	16.3	1.8	8.0	3		2		司
31	DELETED	51000000	17.5	0.0	1	51000	16	1	12000	2018		Н	16.3	15.8	99.9	6		1		司
31	DELETED	51000001	17.5	0.0	0	0	17	3	12500	2019	57.0	Н	16.3	15.8	99.9	7		1		뒴
31	DELETED	51000001	17.6	0.0	1	51000	16	2	1200	2015	68.8	Н	16.3	15.8	99.9	6		1	Ħ	뒴

Span Number  $\underline{1}$ 

**Span Length** <u>69.9600</u>

**Skew** 90.0000

Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
Movable Bearing	Movable Bearing	9	Each	Galvanized Protective System	9
Reinforced Concrete Deck	Reinforced Concrete Deck	4303	Square Feet		
Epoxy Wearing Surface	Wearing Surface	3778	Square Feet		
Steel Rail	Metal Bridge Railing	70	Feet	Unknown	70
Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	612	Feet		
Concrete and Metal Railing	Other Bridge Railing	140	Feet		
Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
Compression Seal	Compression Joint Seal	54	Feet		
	Movable Bearing  Reinforced Concrete Deck  Epoxy Wearing Surface  Steel Rail  Prestressed Concrete Girder  Concrete and Metal Railing  Fixed Bearing	Movable Bearing  Reinforced Concrete Deck  Reinforced Concrete Deck  Epoxy Wearing Surface  Wearing Surface  Steel Rail  Metal Bridge Railing  Prestressed Concrete Girder  Prestressed Concrete Open Girder/Beam  Concrete and Metal Railing  Other Bridge Railing  Fixed Bearing  Fixed Bearing	Movable Bearing 9  Reinforced Concrete Deck Reinforced Concrete Deck 4303  Epoxy Wearing Surface Wearing Surface 3778  Steel Rail Metal Bridge Railing 70  Prestressed Concrete Girder Prestressed Concrete Open Girder/Beam 612  Concrete and Metal Railing Other Bridge Railing 140  Fixed Bearing Fixed Bearing 9	Movable BearingMovable Bearing9EachReinforced Concrete DeckReinforced Concrete Deck4303Square FeetEpoxy Wearing SurfaceWearing Surface3778Square FeetSteel RailMetal Bridge Railing70FeetPrestressed Concrete GirderPrestressed Concrete Open Girder/Beam612FeetConcrete and Metal RailingOther Bridge Railing140FeetFixed BearingFixed Bearing9Each	Movable Bearing       Movable Bearing       9       Each       Galvanized Protective System         Reinforced Concrete Deck       Reinforced Concrete Deck       4303       Square Feet         Epoxy Wearing Surface       Wearing Surface       3778       Square Feet         Steel Rail       Metal Bridge Railing       70       Feet       Unknown         Prestressed Concrete Girder       Prestressed Concrete Open Girder/Beam       612       Feet         Concrete and Metal Railing       Other Bridge Railing       140       Feet         Fixed Bearing       Fixed Bearing       9       Each       Galvanized Protective System

Span Number 2

Span Length <u>68.0000</u>

**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** <u>68.0000</u>

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

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

ooxy Wearing Surface ovable Bearing restressed Concrete Girder	Wearing Surface  Movable Bearing  Prestressed Concrete Open	3672 9	Square Feet Each	Galvanized Protective System	9
<u> </u>	Prestressed Concrete Open		Each	Galvanized Protective System	9
restressed Concrete Girder					
	Girder/Beam	612	Feet		
ompression Seal	Compression Joint Seal	54	Feet		
xed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9
teel Rail	Metal Bridge Railing	68	Feet	Unknown	68
oncrete and Metal Railing	Other Bridge Railing	136	Feet		
einforced Concrete Deck	Reinforced Concrete Deck	4182	Square Feet		
0	eel Rail ncrete and Metal Railing	meel Rail Metal Bridge Railing  Morete and Metal Railing Other Bridge Railing	pel Rail Metal Bridge Railing 68 Increte and Metal Railing Other Bridge Railing 136	ncrete and Metal Railing  Metal Bridge Railing  68 Feet  Other Bridge Railing  136 Feet	eel Rail Metal Bridge Railing 68 Feet Unknown  ncrete and Metal Railing Other Bridge Railing 136 Feet

Span Number 5

**Span Length** <u>68.0000</u>

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		

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  $\underline{6}$ 

Span Length <u>68.0000</u>

**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

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

9	Fixed Bearing	Fixed Bearing	9	Each	Galvanized Protective System	9

 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  $\underline{9}$ 

**Span Length** <u>60.5000</u>

**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

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

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** <u>68.0000</u>

**Skew** 90.0000

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

Span Number 12

Span Length <u>99.0000</u>

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		

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** <u>124.0000</u>

**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** <u>123.0000</u>

**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 <u>124.0000</u>

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

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

Span Number 16

**Span Length** <u>137.2500</u>

**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 <u>17</u>

Span Length <u>30.7500</u>

Number of Items	Type of Component	Element Name	C	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

Span Number 18

**Span Length** <u>413.0000</u>

**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** <u>30.7500</u>

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		

I	1	Reinforced Concrete Deck	Reinforced Concrete Deck	1892	Square Feet

 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** <u>136.0000</u>

**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 <u>136.0000</u>

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

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 <u>136.0000</u>

**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** <u>81.5000</u>

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		

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  $\underline{25}$ 

**Span Length** <u>84.0000</u>

**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	36
12	Rocker Bearing	Movable Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats	48
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7182	Square Feet		
1	Steel Rail	Metal Bridge Railing	84	Feet	Unknown	84
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	10788

Span Number 26

Span Length 84.0000

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	36
12	Rocker Bearing	Movable Bearing	12	Each	Legacy Non Lead Primer System with various Topcoats	48
2	Concrete and Metal Railing	Other Bridge Railing	168	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	7182	Square Feet		

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		

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

Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
Rocker Bearing	Movable Bearing	12	Each	Galvanized Protective System	48
Compression Seal	Compression Joint Seal	132	Feet		
Fixed Bearing	Fixed Bearing	12	Each	Galvanized Protective System	48
Steel Rail	Metal Bridge Railing	78	Feet	Unknown	78
Reinforced Concrete Deck	Reinforced Concrete Deck	6427	Square Feet		
Epoxy Wearing Surface	Wearing Surface	10230	Square Feet		
Concrete and Metal Railing	Other Bridge Railing	156	Feet		
Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	924	Feet		
	Rocker Bearing  Compression Seal  Fixed Bearing  Steel Rail  Reinforced Concrete Deck  Epoxy Wearing Surface  Concrete and Metal Railing	Rocker Bearing  Movable Bearing  Compression Seal  Compression Joint Seal  Fixed Bearing  Fixed Bearing  Steel Rail  Metal Bridge Railing  Reinforced Concrete Deck  Epoxy Wearing Surface  Wearing Surface  Concrete and Metal Railing  Other Bridge Railing  Prestressed Concrete Open	Rocker Bearing Movable Bearing 12  Compression Seal Compression Joint Seal 132  Fixed Bearing Fixed Bearing 12  Steel Rail Metal Bridge Railing 78  Reinforced Concrete Deck Reinforced Concrete Deck 6427  Epoxy Wearing Surface Wearing Surface 10230  Concrete and Metal Railing Other Bridge Railing 156  Prestressed Concrete Girder Prestressed Concrete Open 924	Rocker BearingMovable Bearing12EachCompression SealCompression Joint Seal132FeetFixed BearingFixed Bearing12EachSteel RailMetal Bridge Railing78FeetReinforced Concrete DeckReinforced Concrete Deck6427Square FeetEpoxy Wearing SurfaceWearing Surface10230Square FeetConcrete and Metal RailingOther Bridge Railing156FeetPrestressed Concrete GirderPrestressed Concrete Open924Feet	Rocker Bearing Movable Bearing 12 Each Galvanized Protective System  Compression Seal Compression Joint Seal 132 Feet  Fixed Bearing Fixed Bearing 12 Each Galvanized Protective System  Steel Rail Metal Bridge Railing 78 Feet Unknown  Reinforced Concrete Deck Reinforced Concrete Deck 6427 Square Feet  Epoxy Wearing Surface Wearing Surface 10230 Square Feet  Concrete and Metal Railing Other Bridge Railing 156 Feet  Prestressed Concrete Girder Prestressed Concrete Open 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		

	95
Galvanized Protective System	48
Galvanized Protective System	48
	Galvanized Protective System

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

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

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

 Span Number <u>34</u>
 Span Length <u>60.0000</u>
 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

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	Parent			Total	Level 1	Level 2	Level 3	Level 4
Number	Number	Element Name	Location	Quantity	Quantity	Quantity	Quantity	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: <u>640013</u> Inspection Date: <u>12/20/2021</u>

MMS	Number. <u>040013</u>		Recommended Quantity
Code	Element Name	Defect Name	
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
	Reinforced Concrete Abutment	Exposed Rebar	1 Feet
	Reinforced Concrete Abutment	Cracking (RC and Other)	1 Feet
	Reinforced Concrete Pile Cap/Footing	Cracking (RC and Other)	141 Feet
	Reinforced Concrete Pile Cap/Footing	Damage	553 Feet
	Reinforced Concrete Pile Cap/Footing	Abrasion/Wear (PSC/RC)	59 Feet
	Reinforced Concrete Pile Cap/Footing	Delamination/Spall	5 Feet
	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	5080 Feet
	Reinforced Concrete Pier Cap	Cracking (RC and Other)	610 Feet
	Reinforced Concrete Pier Cap	Delamination/Spall	16 Feet
	Compression Joint Seal	Adjacent Deck or Header	43 Feet
	Compression Joint Seal	Seal Damage	7 Feet
		Seal Adhesion	85 Feet
	Compression Joint Seal		
	Assembly Joint without Seal	Adjacent Deck or Header	30 Feet
	Movable Bearing	Loss of Bearing Area	8 Each
3334	Movable Bearing	Corrosion	4 Each
3334	Movable Bearing	Connection	3 Each

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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

<u></u>								
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	О	208	3787
Bridge Rail	3342	Clean and Paint Steel	100	9274	100	О	О	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	О	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

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Span2			
3306	Beam 2	Prestressed Co	oncrete 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 Co	oncrete 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 Co	ncrete 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 Co	ncrete 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 Co	ncrete 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 Co	ou costa Olivia

2 Assigned Priority Maintenance 3 Assigned Critical Find

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Structure Nun	nber <u>640013</u>		
Priority Level	Defect Type	Quantity	Defect Description
•	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 C	oncrete 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
	Beam 5	Plate Girder	

2 Assigned Priority Maintenance 3 Assigned Critical Find

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

			•
Structure Nur	mber <u>640013</u>		
Priority Level	Defect Type	Quantity	Defect Description
•	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 Pa	nel
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 Pa	nel
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

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)
<b>2</b>	Corrosion	1	Span 18 Lift Span Stringer 14: (PAR) BETWEEN FB's 0-1 INTERMEDIATE
? Priority A	ction Request (PAR)	1 Assigned Routine	Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Numb	per 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	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 Par	lel .
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.

Structure Num	nber 640013		
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 Pa	nel
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 18 Lift Span Truss Panel 2 - L0U0 SOUTH: (2) MISSING BOLTS AT BOTTON 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 Po	rtal/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 Po	rtal/Cross Bracing Assembly
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTWEST 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 Pa	nel
Priority Level	Defect Type	Quantity	Defect Description

#### Structure Number 640013 2 Span 19 EAST TOWER NORTH: CRACK - BOTTOM WEST HORIZONTAL TRUSS Cracking MEMBER - CRACK ALONG WELD AT BOTTOM EAST CORNER 9" LONG LOCATED 24' FROM NORTHWEST TOWER LEG (PAR) Damage 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 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)** Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST Damage 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

# 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)

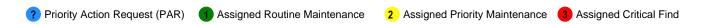
at stringer 1, par issued.

Span 20 Beam 8: brace beam 3 at east bound parking lot, missing attachment bolt

# Span22 3326 Deck Reinforced Concrete Deck

2

Connection



Structure Nur	mber <u>640013</u>		
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 C	oncrete 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 C	oncrete 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 C	oncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
? Priority A	Action Request (PAR)	Assigned Routine	e Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

#### Structure Number 640013

2

Delamination/Spall

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")

#### Span31

3306	Beam 7	Prestressed C	oncrete Girder
Priority Level			Defect Description
2	2 Delamination/Spall		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 C	ed Concrete Girder		
Priority Level	Defect Type	Quantity	Defect Description		
2	2 Delamination/Spall		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			

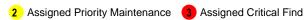
3306	Beam 5	Prestressed Concrete Girder				
Priority Level	Defect Type	Quantity	Defect Description			
2	Delamination/Spall	2	Span 35 - Ramp Span Beam 5: [PROMPT ACTION REQUEST] APPROXIMATELY 1.5' OUT FROM BENT 31, UPPER RIGHT FLANGE, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 2' LONG X UP TO 5" WIDE 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")			

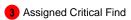
#### Bent 8

3348	Cap 1	Reinforced Co	ncrete 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









Structure Number	640013
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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** 



[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

Spa	n 1	Deck					
Reir	nforced Concrete	Deck					
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinford	ed Concrete Deck	4,303	4,295	8	0	0 Square Feet
lemen lumbe	Dafa at Time	Defect Description	on		cs	CS Qty	Maint Qty
12	Efflorescence/Rust Staining	bottom bay 1 at 2.5ft from End Bent 1 efflorescence	: surface		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 efflorescence for 18" long	1: surface		2	2	Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMER exposed rebar on the bottom of the le (23" x 14" x 4 1/2")			2	3	Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH N GROOVING 2020 INSPECTION. (20 abrasion and wear on the deck surfact aggregate still in place	18 INSPECT	ION)	1		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH N GROOVING 2020 INSPECTION. (20 long diagonal crack up to 0.05" wide the right wheel path of the EB right la Bent 1	018 INSPECT on the deck s	ION) 54" surface in	1		Square Feet
12	Damage	[NEW REPAIR - EPOXY OVERLAY AP 39" x 38" area of concrete spill on the right EB lane at 20ft from End Bent 1 curb	deck surfac	e in the	1	11	Square Feet

Span 1		Beam 1 No	ear Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fix	ed Bearing	1	0	0	1	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Type	e Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Active corrosion and 100% sect rod nut (up to 50% section loss loss on the masonry plate at the (3/16") into the plate into the top 1/2" long	on the right nut) sec e front left corner up	tion to	3	1		1 Each
515	Effectiveness (S Protective Coati		ctive		4	1		1 Square Feet
	General Commen	ts						

Span 1		Beam 1 Far Beari	ng					
Movable	e 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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspect	ion Date: 12/20/2021
311	Corrosion	Up to 100% section loss on the left anchor rod nut	3	1	1 Each
311	Loss of Bearing Area	up to (1-9/16") movement of bearing east beyond masonry plate with 26% loss of bearing	3		1 Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective	4	1	1 Square Feet
	General Comments				

Spa	an 1	Beam 2 Near E	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS <sup>2</sup> Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoct Typo	Defect Descripti	ion		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating failing steel has initiated	g and corrosion	of the	4	1		1 Square Feet
	General Comments							

Spai	n 1	Beam 2 F	ar Bearing					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0 1	Each
515	Steel Pro	tective Coating	1	0	0	0	1 :	Square Feet
Element Number	Dofoct Typo	Defect De	scription		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 plate with 13% loss of bearing.	•	sonry	3		1	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer eff	ective		4	1	1	Square Feet
(	General Comments							

Spa	ın 1	Beam 3 No	ear Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
lemen lumbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Greater than 50% section loss on nut similar), section loss (1/16") right corner (1 1/2" wide x 1" los	into the top of the f	•	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effe	ective		4	1		1 Square Feet

**General Comments** 

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

Spa	n 1	Beam 3 Fa	r Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable I	Bearing	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Type	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Up to 50% section loss on the le	eft anchor rod nut		3	1	1	Each
311	Loss of Bearing Area	Up to (3/4") movement of bearing plate with 13% loss in bearing	g to east beyond ma	sonry	3		1	Each
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2			Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effe	ective		4	1	1	Square Feet
	General Comments							

Spa	an 1		Beam 4	Near Bearing					
Fix	ed Bearing	l							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot	Туре	Defect	Description		cs	CS Qty	Maint Qty	
313	Corrosion		Active corrosion and up to 1 anchor rod nut (up to 75% s loss up to (1/16") into the to corner (3 1/2" wide x 2" long similar)	ection loss on left nut p of the plate at the fr	), section ont right	2	1		Each
515	Protective (	Coatings)	Failed protection, no longer	effective		4	1		1 Square Feet

n 1	Beam 4 F	ar Bearing					
able Bearing							
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable I	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
Loss of Bearing Area	Up to (1/2") movement of beari plate with 8% loss in bearing	ng to east beyond ma	isonry	2			1 Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
֡֜֜֜֜֜֜֜֜֜֜֜֜֓֓֓֓֜֜֜֜֜֜֜֜֜֜֜֓֓֓֓֓֓֜֜֜֜֜֜	able Bearing  ment ber  Movable   Steel Prof  Defect Type  Corrosion  Loss of Bearing Area  Effectiveness (Steel	Able Bearing  Tent Ber Element Name  Movable Bearing  Steel Protective Coating  Defect Type  Corrosion  Defect Type  Corrosion  Freckled rust, corrosion of the Loss of Bearing Area Up to (1/2") movement of bearing plate with 8% loss in bearing  Effectiveness (Steel  Substantially effective, freckled	Able Bearing  Jent Bearing City  Movable Bearing 1  Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Loss of Bearing Area Up to (1/2") movement of bearing to east beyond maplate with 8% loss in bearing  Effectiveness (Steel Substantially effective, freckled rust.	Able Bearing  The Steel Protective Coating  Defect Type  Defect Type  Defect Description  Corrosion  Freckled rust, corrosion of the steel has initiated.  Loss of Bearing Area  Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing  Effectiveness (Steel  Substantially effective, freckled rust.	Able Bearing  Total CS1 CS2 ber Element Name Qty Qty  Movable Bearing 1 0 1  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Loss of Bearing Area Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing  Effectiveness (Steel Substantially effective, freckled rust. 2	Able Bearing  Total CS1 CS2 CS3  Bearing Element Name Qty Qty Qty Qty Qty  Movable Bearing 1 0 1 0  Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust, corrosion of the steel has initiated. 2 1  Loss of Bearing Area Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing  Effectiveness (Steel Substantially effective, freckled rust. 2 1	Able Bearing  Total CS1 CS2 CS3 CS4 ber Element Name Qty Qty Qty Qty Qty Qty  Movable Bearing 1 0 1 0 0  Steel Protective Coating 1 0 1 0 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust, corrosion of the steel has initiated. 2 1  Loss of Bearing Area Up to (1/2") movement of bearing to east beyond masonry plate with 8% loss in bearing  Effectiveness (Steel Substantially effective, freckled rust. 2 1

**General Comments** 

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

Spa	n 1	Beam 5						
Pre	stressed Concrete	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Elemer Numbe	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Delamination/Spall	spall with exposed rebar on the botto x 5" x 1/8")	om face at mid s	span (6"	2	1	1 Feet	
	<b>General Comments</b>							_

Span '	1	Beam 5 No	ear Bearing					
Fixed	Bearing							
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313 C	orrosion	Active corrosion and greater thanchor rod nut (50% section los up to (1/4") into the top of the p (3 1/2" wide x 2 1/4" long)	ss on left nut), sectio	n loss	3	1		1 Each
	ffectiveness (Steel rotective Coatings)	Failed protection, no longer effe	ective		4	1		1 Square Feet
Ge	neral Comments							

Spar	n 1	Beam 5 Fa	r Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable I	Bearing	1	0	1	0	0	Each
515	Steel Pro	rective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
311	Loss of Bearing Area	Up to (1/2") movement of bearin plate with 8% loss in bearing	g to east beyond ma	sonry	2			1 Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
(	General Comments							

Span 1 Fixed B	Searing	Beam 6 Nea	ar Bearing					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0 E	Each
515	Steel P	rotective Coating	1	0	0	0	1 9	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313 Coi	rrosion	Corrosion and scale with no mea the plate, left anchor rod and nut		oss on	2		•	Each

Structure Number: 640013

313 Corrosion
OBSERVED in 2020 insp: - active corrosion and up to 75% 2 1 Each
section loss on right anchor rod nut,

515 Effectiveness (Steel Protective Coatings)
Failed protection, no longer effective

4 1 1 Square Feet

Spa	an 1	Beam 6 Far	Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Defect Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Span	1	Beam 7						
Prestr	essed Concrete	e Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	67	0	1	0	Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 D	elamination/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	I Feet	
Ge	neral Comments							

Spa	an 1	Beam 7 Ne	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating fa steel has initiated	iling and corrosion	of the	4	1		1 Square Feet
	General Comments							

Span 1	rable Bearing	Beam 7 Far Beari	ng					
Movable	e Bearing							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	-	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspe	ction Date: <u>12/20/2021</u>
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				

Spa	ın 1		Beam 8 Near Bear	ing					
Fixe	ed Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing		1	0	1	0	0	Each
515	Stee	l Protective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion of the s	teel has initiated.			2	1	-	Each
515	Effectiveness (St Protective Coatin		ess, coating failing and	corrosion	of the	4	1		1 Square Feet
	General Comment	S							

Spa	ın 1	Beam 8 Fa	r Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Movable Bearing	1	1 0	0 1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	ın 1	Beam 9 Ne	ear Bearing					
•	ed Bearing							
IIXC	a bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0 6	Each
515	Steel Pro	tective Coating	1	0	0	0	1 9	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Active corrosion and greater that right anchor rod nut	nan 75% section loss on the		2	1	-	Each
313	Corrosion	corrosion and scale with no mea	asureable section lo	ss on	2			Each
313		the left anchor rod, nut and plate	е					
515	Effectiveness (Steel Protective Coatings)	the left anchor rod, nut and plate Failed protection, no longer effe			4	1	1	Square Feet

າ 1	Beam 9 F	ar Bearing					
able Bearing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable I	Bearing	1	0	0	1	0	Each
Steel Prof	ective Coating	1	0	1	0	0	Square Feet
Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
Loss of Bearing Area	,	ring to east beyond r	masonry	3	1		1 Each
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2			Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
	able Bearing  ment ber  Movable B  Steel Prof  Defect Type  Loss of Bearing Area  Corrosion  Effectiveness (Steel	Able Bearing  Tent ber  Element Name  Movable Bearing  Steel Protective Coating   Defect Type  Loss of Bearing Area up to (1 3/8") movement of bear plate with 23% loss of bearing  Corrosion  Freckled rust, corrosion of the Effectiveness (Steel  Substantially effective, freckled	Able Bearing  The steel Protective Coating  Defect Type Loss of Bearing Area up to (1 3/8") movement of bearing to east beyond a plate with 23% loss of bearing  Corrosion  Effectiveness (Steel  Substantially effective, freckled rust.	Able Bearing  The table Bearing  Movable Bearing  Steel Protective Coating  Defect Type  Defect Description  Loss of Bearing Area up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing  Corrosion  Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	Able Bearing  Total CS1 CS2 ber Element Name Qty Qty  Movable Bearing 1 0 0  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Loss of Bearing Area up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2	Able Bearing  Total CS1 CS2 CS3  Bearing Element Name Qty Qty Qty Qty Qty  Movable Bearing 1 0 0 1  Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Loss of Bearing Area up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2 1	Able Bearing  Total CS1 CS2 CS3 CS4 ber Element Name Qty Qty Qty Qty Qty Qty  Movable Bearing 1 0 0 1 0  Steel Protective Coating 1 0 1 0 0  Defect Type Defect Description CS CS Qty  Loss of Bearing Area up to (1 3/8") movement of bearing to east beyond masonry plate with 23% loss of bearing  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2 1

	Joint at A	Abutment 1					
on Seal							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
·			18			Maint	eet
nt Deck or	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	<b>9</b> 6	Feet
	Compre	Element Name Compression Joint Seal  fect Type  Defect Defect Defect Defect Deck or  SCATTERED ALONG THE LENDECK HEADERS IN THE RIGH SPALLING WITH LOSS OF TH TO 3" DEEP X 5" LONG] WITH AFFECTED AREAS. THE BALL	Element Name Qty Compression Joint Seal 54  fect Type Defect Description  at Deck or SCATTERED ALONG THE LENGTH OF THE ADJAC DECK HEADERS IN THE RIGHT AN LEFT LANES, SPALLING WITH LOSS OF THE HEADER CONCRET TO 3" DEEP X 5" LONG] WITH LOSS OF ADHESION AFFECTED AREAS. THE BALANCE OF THE JOINT	Element Name Qty Qty Compression Joint Seal 54 18  Total CS1 Qty Qty Compression Joint Seal 54 18  Tect Type Defect Description  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	Element Name  Compression Joint Seal  Defect Description  CS  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	Element Name Compression Joint Seal  Defect Description  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	Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Compression Joint Seal 54 18 0 0 36 F  Tect Type Defect Description CS CS Qty The Deck or 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

Spa	n 2	Deck						
Rei	nforced Concrete	Deck						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	4,182	4,178	4	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Patched Areas	exposed rebar in the right over	EW REPAIR - PATCHING] FORMERLY> spall with posed rebar in the right overhang under light pole (27" x ') DELAMINATION area and (19" x 12" x 2") spall					Square Feet
12	Abrasion/Wear (PSC/RC)	-	DELAMINATION area and (19" x 12" x 2") spall  REPAIR - EPOXY OVERLAY APPLIED] FORMERLY ion and wear on the deck surface with coarse					Square Fee
12	Cracking (RC and Other)	-	W REPAIR - EPOXY OVERLAY APPLIED] FORMERLY					Square Feet
12	Damage	DECK RECENTLY REPAIRED V GROOVING 2020 INSPECTION. x 0.5ft area of concrete spill on EB lane	(2018 INSPECT	ION) 25ft	1			Square Fee

Spar	n 2	Beam 1						
Pres	tressed Concret	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	33	35	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Patched Area [NEW REPAIR - PATCHING] FORMERLY exposed rebar on the bottom face at 26ft fi 6 1/2" x 1/2")				2	1	Feet	
109	6 1/2" x 1/2")  Patched Area [NEW REPAIR - PATCHING] FORMERLY> spall wi exposed rebar on the bottom face at 11ft from bent 3" x 1/4")				2	1	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER exposed rebar on the bottom face at 2 x 6" x 1/2")	•		2	1	Feet	
109	Exposed Rebar	spall with exposed rebar in the end di bent 2 east face (10" x 6" x 1/8").	aphragm bay 1	l at	2		1 Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER with exposed rebar on the bottom fac from bent 1 up to (10" x 2 1/2" x 1/2")			2	30	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER MAINTENANCE - (x2) spalls with expo and 30in from bent 2 on the bottom fa and (6" x 5" x 1 1/2") respectively, (x1 each location for (1") long (PROMPT)	osed strands a ce (7" x 4" x 1 ) strand expos	t 18in 1/2") ed at	2	2	Feet	

Spa	n 2	Beam 1 Ne	ear Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	an 2		E	Beam 1 Far Beari	ng					
Fix	ed Bearing									
	ement ımber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Eleme Numb	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		OBSERVED in 2020 right anchor rod nut		tion loss o	n the	2	1		Each
515	Effectivenes Protective C		Failed protection, no	longer effective			4	1	•	1 Square Feet
	General Com	ments								

	Beam 2						
essed Concret	e Girder						
-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestre	ssed Concrete Open Girder/Beam	68	66	2	0	0	Feet
Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
posed Rebar				2	2	2	2 Feet
	t r Prestre	Essed Concrete Girder  t F F F F F F F F F F F F F F F F F F	essed Concrete Girder  t Element Name Qty Prestressed Concrete Open Girder/Beam 68  Defect Type Defect Description posed Rebar [PROMPT ACTION REQUEST] 14" section of 2 area.	essed Concrete Girder  t Element Name Qty Qty Prestressed Concrete Open Girder/Beam 68 66  Defect Type Defect Description	essed Concrete Girder  t Element Name Qty Qty Qty Prestressed Concrete Open Girder/Beam 68 66 2  Defect Type Defect Description CS posed Rebar [PROMPT ACTION REQUEST] 14" section of 2 areas of 2	essed Concrete Girder  t Element Name Qty Qty Qty Qty Qty Prestressed Concrete Open Girder/Beam 68 66 2 0  Defect Type Defect Description CS CS Qty posed Rebar [PROMPT ACTION REQUEST] 14" section of 2 areas of 2 2	t Element Name Total CS1 CS2 CS3 CS4 Prestressed Concrete Open Girder/Beam 68 66 2 0 0  Defect Type Defect Description CS CS Qty Prosed Rebar [PROMPT ACTION REQUEST] 14" section of 2 areas of 2 2 2

**General Comments** 

Span	2	Beam 2 Ne	ar Bearing					
Mova	able Bearing							
Elem-		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
G	Seneral Comments							

Spa	an 2	Beam 2 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spar	າ 2	Beam 3 N	lear Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect De	escription		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, freckle	d rust.		2	1		1 Square Feet

Spa	n 2	Beam 3 Fa	r Bearing					
Fixe	ed Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	ın 2	Beam 4 Nea	ar Bearing					
Mov	able Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
•	General Comments							

Spa	n 2	Beam 4 F	ar Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		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	d rust.		2	1		1 Square Feet
	General Comments							

Spai	n 2	Beam 5 N	lear Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	scription		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	d rust.		2	1		1 Square Feet

Spa	an 2	Beam 5 Fa	Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled in	ust.		2	1		1 Square Feet
	General Comments							

Spar	n 2	Beam 6 Near	Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	1		1 Square Feet
(	General Comments							

Spa	n 2	Beam 6 Fa	r Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel 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						
Prestres	sed Concrete	Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	68	54	13	1	0 Feet	
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109 Dela	mination/Spall	spall on the bottom face at 2ft from b	ent 1 (16" x 2 1	/2" x 2	3	1	1 Feet	

Structure	Number: <u>640013</u>			Inspecti	on Date: 12/20/2021
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** 

Spa	n 2	Beam 7 Near E	Bearing					
Mov	able Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemen Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the steel I	has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.			2	1		1 Square Feet

Spa	an 2	Beam 7 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 2	Beam 8 Ne	ear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 2	Beam 8 Fa	ır Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 2	Beam 9 Nea	r Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	st.		2	1		1 Square Feet
•	General Comments							

Spa	an 2	Beam 9 Far	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Eleme Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	General Comments							

Spa Reir	n 3 nforced Concrete	Deck Deck						
	nent nber Reinford	Element Name red Concrete Deck	Total Qty 4,182	<b>CS1 Qty</b> 4,167	<b>CS2</b> <b>Qty</b> 15	CS3 Qty	<b>CS4 Qty</b> 0 S	quare Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
12	Efflorescence/Rust Staining	8" x 8" area of surface effloresc cracking on the deck bottom at		•	2	1	-	Square Feet
12	Delamination/Spall	RANDOM FACIAL SPALLS UP T DEEP NEAR MIDSPAN IN EAST		1/4"	2	3	3	Square Feet
12	Efflorescence/Rust Staining	12" x 6" area of surface efflores cracking on the deck bottom in		•	2	1		Square Feet

Structure	Number: <u>640013</u>			Inspection	Date: 12/20/2021
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 GROVING 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	3	Right Bri	dge Rail					
Concr	ete and Metal F	Railing						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	68	67	0	1	0 1	-eet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
333 C	onnection	MISSING NUT AT POST 7. RAI	L IS SECURE.		3	1	1	Feet
Ge	neral Comments							

Spa	n 3	Beam 1 Ne	ear Bearing					
Mov	able Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

313 Fixed Bearing 1 0 1 0 0 Each	0 Square Feet	0	U	1	U	'	.o.ooro ooag	0.00.	0.0
			0	4	0	1	Protective Coating	Steel F	515
Element Total CS1 CS2 CS3 CS4	Qty	Qty	Qty	CS2 Qty	Qty	Total Qty 1	Element Name Bearing	Fixed F	Element Number 313

2

1 Square Feet

515 Effectiveness (Steel Substantially effective, freckled rust. Protective Coatings)

Protective Coatings
General Comments

**General Comments** 

Span 3 Beam 2 **Prestressed Concrete Girder** CS1 CS2 CS4 **Element** Total CS<sub>3</sub> **Element Name** Number Qty Qty Qty Qty Qty 109 Prestressed Concrete Open Girder/Beam 68 60 8 0 Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 109 [NEW REPAIR - PATCHING] FORMERLY --> area of 2 **Patched Area** 1 Feet delamination on the bottom of the girder at 1/3 point, 10" wide x 5" long with 1/8" separation. [NEW REPAIR - PATCHING] FORMERLY --> (8" x 6" x 1/2") 109 **Patched Area** Feet 2 1 spall with exposed rebar on the bottom face at mid span 109 **Patched Area** (13" x 4") sound patch on the bottom face at 22ft from bent 2 1 Feet [NEW REPAIR - PATCHING] FORMERLY --> (x4) spalls with 109 **Patched Area** 2 4 Feet exposed rebar on the bottom face starting at 24ft from bent 2 up to (8" x 3" x 1/2") 109 **Patched Area** (14" x 4") sound patch on the bottom face at 29ft from bent Feet

Spa	ın 3	Beam 2 Ne	ear Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 3	Beam 2 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Prot	ective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet

Spar	n 3	Beam 3						
Pres	tressed Concret	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORME exposed rebar on the bottom face at 3" x 1/2")			2	1	Feet	
-	Seneral Comments							

General	Comments
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Spa	ın 3	Beam 3 N	ear Bearing					
Mov	able Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable E	Bearing	1	0	1	0	0	Each
515	Steel Prot	ective Coating	1	0	1	0	0	Square Feet
lemen Number	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet

Car	aral	Comments

Spa	an 3	Beam 3 Fa	r Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	an 3	Beam 4						
Pre	stressed Concret	e Girder						
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Elemer	Defect Tyme	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face at 31 x 7" long	1" from bent 3,	9" wide	2	1	Feet	
	Conoral Comments							

Spa	an 3			Beam 4 Near Bea	ring					
Мо	vable Be	earing								
	ement imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	0	1	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Eleme	Dot	fect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosio	n	PRIORITY MAINTEN	NANCE - up to 50% sed	tion loss o	n the left	3	1		1 Each
515		eness (Steel ve Coatings)	Failed protection, n	o longer effective			4	1		1 Square Feet
	General C	Comments								

Spa	n 3	Beam 4 Fa	r Bearing					
Fixe	d Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	an 3	Beam 5						
Pre	stressed Concrete	Girder						
	ment mber Prestres	Element Name sed Concrete Open Girder/Beam	Total Qty 68	<b>CS1</b> <b>Qty</b> 63	CS2 Qty 4	CS3 Qty	CS4 Qty 0 Feet	
Elemer Numbe	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] GIRDER LOWER SIDE, SPALLING WITH EXPO [APPROXIMATELY 8" X 10" X UP TO 1	SED REBAR	NT 3,	3	1	1 Feet	
109	Patched Area	sound patch on the bottom right face 10" wide x 30" long	at 21" from be	ent 3,	2	3	Feet	
109	Delamination/Spall	[PROMPT ACTION REQUEST] (6" x 2" exposed rebar in the bottom right cha			2	1	1 Feet	
	<b>General Comments</b>							_

Span 3		Beam 5 N	lear Bearing					
Movable	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movabl	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311 Corre	osion	corrosion and scale on the left	side of the bearing		2	1		Each

Structure Number: 640013

311 Corrosion LEFT ANCHOR NUT HAS CORROSION WITH 2 Each
APPROXIMATELY 50% SECTION LOSS

515 Effectiveness (Steel Failed protection, no longer effective 4 1 1 Square Feet Protective Coatings)

Spa	n 3	Beam 5 Fa	ar Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Dofoct Type	Defect Des	cription		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							

Spai	n 3	Beam 6 Ne	ar Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defeat Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
(	General Comments							

Spa	an 3	Beam 6 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		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	d rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 3	Beam 7						
Pre	stressed Concret	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	66	2	0	0 F	eet
Elemer Numbe	Dofoct Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Cracking (PSC)	(0.02") wide map cracking and (7" x 3 on the left face at bent 2	3") delaminatio	n area	2	1	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 3			2	1		Feet
	General Comments							

Spa	an 3	Beam 7 Ne	ar Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

13	Beam 7 F	ar Bearing					
d Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	l rust.		2	1		1 Square Feet
k	ent ber Fixed Be Steel Pro  Defect Type  Corrosion  Effectiveness (Steel	ent ber Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust, corrosion of the Effectiveness (Steel Substantially effective, freckled	ent Element Name Qty Fixed Bearing 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Oty	ent Element Name Qty Qty Qty Qty Qty Qty Qty Qty Oty Qty Qty Qty Qty Qty Qty Qty Qty Qty Q	tent Element Name Qty

Spa		Beam 8 I	Near Bearing					
	rable Bearing nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movabl	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the	e steel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings		ed rust.		2	1		1 Square Feet

Spa	an 3	Beam 8 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 3	Beam 9						
Pre	stressed Concrete	Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	68	63	2	3	0 F	eet
Elemen Numbe	Dofoct Type	Defect Description	on		cs	CS Qty	Maint Qty	
109	Patched Area	unsound patch on the bottom face at long with delamination and 1/8" separ	,	de x 36"	3	3	3	Feet
109	Patched Area	(12" x 5" x 2") sound patch with up to transverse cracks in the bottom right bent 2		from	2	1		Feet
109	Delamination/Spall	bottom right face at bent 2: spall with x 2 1/2" x 1/2")	no exposed s	teel (4"	2	1	1	Feet
	General Comments	·						

Spa	an 3	Beam 9 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Structure Number: 640013 Inspection Date: <u>12/20/2021</u>

Spa	n 3	Beam 9 Fa	r Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
•	General Comments							

Spa	n 4	Deck						
Rei	nforced Concrete	Deck						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	4,182	4,155	27	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Description	ion		cs	CS Qty	Maint Qty	
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY A SPALL 1" LONG X 8" WIDE X 1/2" DE BOUND LANE AT BENT 4 END.			2	1		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH I AND GROOVING 2020 INSPECTION. spall with no exposed steel on the do center line of the EB lanes at bent 3	(2018 INŚF eck surface at	PECTION)	2	1		Square Feet
12	Cracking (RC and Other)	cracking up to (1/64") wide with efflo bottom on the right overhang in an a 4			2	7	-	7 Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH I GROOVING 2020 INSPECTION. (2 x 24") unsound patch on the deck su from the left curb with DELAMINATIO	2018 INSPECTI	ON) (71" 3 14ft	2	14		Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the left overhang a			2	1		Square Feet
12	Efflorescence/Rust Staining	20" x 18" area of surface efflorescen cracking on the deck bottom left ove			2	3		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH I GROVING 2020 INSPECTION. (20 diagonal cracking on the deck surfac at 5ft from bent 3 up to (0.03") wide	18 INSPECTIO	N) 41"	1			Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY Al abrasion and wear on the deck surfa aggregate still in place			1			Square Feet
	General Comments							

Span 4	I	Beam 1						
Prestr	essed Concret	e Girder						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109 Pa	atched Area	[NEW REPAIR - PATCHING] FORME spall with exposed rebar on the bott bent 4			2	1	Feet	
Ge	neral Comments							_

Spa	n 4	Beam 3						
Pres	stressed Concrete	e Girder						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Delamination/Spall	(4" x 3" x 1/8") spall with exposed rel 28ft from bent 3	bar on the botto	om face	2	1	1 Feet	
-	General Comments							

**General Comments** 

Span 4	4	Beam 4						
Prestr	essed Concret	e Girder						
Elemer Number 109	er	Element Name essed Concrete Open Girder/Beam	Total Qty 68	<b>CS1 Qty</b> 60	CS2 Qty 8	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	atched Area	[NEW REPAIR - PATCHING] FORME exposed rebar on the bottom face st 3 up to (7" x 4" x 1/2")			2	8	Feet	
Ge	neral Comments							_

Span 4 Beam 5 **Prestressed Concrete Girder** Element Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 109 Prestressed Concrete Open Girder/Beam 68 64 3 0 Feet

Element Maint **Defect Type Defect Description** CS CS Qty Number Qty unsound patch on the bottom face, 3 ft. from bent 4, 6" in diameter with 1/8" separation  $\,$ 109 **Patched Area** 3 1 Feet 1 **Patched Area** sound patch on the bottom right at bent 4, 11" wide x 30" 3 109 Feet

Spa	an 4	Beam 1 Ne	ear Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Elemei	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	•	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 4	Beam 1 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	General Comments							

Spa	n 4	Beam 2 Ne	ar Bearing					
Mov	able Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 4	Beam 2 Fa	ar Bearing					
Fixe	ed Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element	Dofoct Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet
-	General Comments							

Spar	า 4	Beam 3 Fa	ar Bearing					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		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

Spa	an 4	Beam 4 N	ear Bearing					
Mo	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect De	scription		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	d rust.		2	1		1 Square Feet
	General Comments							

Span	4	Beam 4 Far Be	aring					
Fixed	d Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion of the steel has initiated.			2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective			4	1		1 Square Feet
	eneral Comments							

Spa	n 4	Bean	n 5 Near Bearing					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defe	ct Description		CS	CS Qty	Maint Qty	
311	Corrosion	corrosion and section los	ss on the left anchor rod	nut up to	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no long	ger effective		4	1		1 Square Feet
(	General Comments							

Span 4		Beam 5 Far Beari	ng					
Fixed B	earing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	J	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspe	ection 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
	<b>General Comments</b>				

Spa	an 4	Beam 6 Nea	r Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

otal Qty 1	CS1 Qty	CS2 Qty	Qty 0	CS4 Qty	='
	<b>Qty</b> 0	Qty 1	Qty 0	Qty	1
1		1		0	Each
1	•				
'	0	1	0	0	Square Feet
		cs	CS Qty	Maint Qty	
iated.		2	1		Each
		2	1		1 Square Fee
ia	ated.	ated.	ated. 2	ated. 2 1	CS CS Qty Qty ated. 2 1

4	Beam 8 N	ear Bearing					
ble Bearing							
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	•	Each
ffectiveness (Steel Protective Coatings)	Substantially effective, freckled	I rust.		2	1		1 Square Feet
	ole Bearing  nt er  Movable Steel Pro  Defect Type orrosion  ffectiveness (Steel	nt er Element Name Movable Bearing Steel Protective Coating  Defect Type Defect Desorrosion Freckled rust, corrosion of the ffectiveness (Steel Substantially effective, freckled	ole Bearing  Int Element Name Qty  Movable Bearing 1  Steel Protective Coating 1  Defect Type Defect Description  orrosion Freckled rust, corrosion of the steel has initiated.  Iffectiveness (Steel Substantially effective, freckled rust.	Dile Bearing  Int Element Name Qty Qty  Movable Bearing 1 0  Steel Protective Coating 1 0  Defect Type Defect Description  orrosion Freckled rust, corrosion of the steel has initiated.  Iffectiveness (Steel Substantially effective, freckled rust.	Dile Bearing  Int Element Name Qty Qty Qty  Movable Bearing 1 0 1  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  orrosion Freckled rust, corrosion of the steel has initiated. 2  Iffectiveness (Steel Substantially effective, freckled rust. 2	Dile Bearing  Int Element Name  Movable Bearing  Steel Protective Coating  Defect Type  Defect Type  Defect Description  Freckled rust, corrosion of the steel has initiated.  Defect Substantially effective, freckled rust.	Defect Type  Defect Type  Defect Question  Defect Question  Defect Substantially effective, freckled rust.  Total  CS1  CS2  CS3  CS4  Qty  Qty  Qty  Qty  Qty  Qty  Qty  Qt

Spa	an 4	Beam 9 Ne	ear Bearing					
Мо	vable Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)		rust.		2	1		1 Square Feet
	General Comments							

Span	4	Joint at Be	nt 3					
Comp	oression Seal							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	54	48	0	6	0	Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
302	Seal Damage	SCATTERED ALONG THE LENG DIAMETER IN THE LEFT LANES OF ADHESION IN THE RIGHT.			3	6	(	6 Feet
G	eneral Comments							

Span 5 Deck

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	4,182	4,143	33	6	0 S	quare Feet
lement lumber	Defect Time	Defect Descri	ption		cs	CS Qty	Maint Qty	
12	Delamination/Spall	bottom of the deck has a spall in b x 9" wide x 3/4" deep with exposed		n, 5" long	3	1	1	Square Feet
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIG TWO SPALLS (18" LONG x 3" WID FROM RIGHT CURB) & (8" LONG x FROM CENTERLINE)	E x 1.5" DEEP A	T 8'	3	3	3	Square Feet
12	Delamination/Spall	bottom right overhang at light pole long x 1.5" deep with exposed reb delaminated area, near mid-span			3	2	2	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WIT GROOVING 2020 INSPECTION. x 22" unsound patch on the deck s from the left curb with a (31" x 4" x	(2018 INSPECT surface at bent 4	ION) 66"	2	15		Square Feet
12	Patched Areas	sound patch on the deck bottom in 4 (42" x 30")	n bay 7 at 26 ft. f	rom bent	2	9		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WIT GROOVING 2020 INSPECTION. unsound patch on the deck surfac right EB lane (13" x 6") and a spall 6" x 1")	(2018 INSPECT e near mid span	ION) in the	2	3		Square Feet
12	Efflorescence/Rust Staining	3ft x 2ft surface efflorescence and the deck bottom in bay 8 at bent 4	•	acking on	2	6		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLAY abrasion and wear on the deck sur aggregate still in place			1			Square Feet

1

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

Square Feet

Spa	an 5	Beam 1 Ne	ar Bearing					
Мо	vable Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spar	า 5	Beam 1 Fa	r Bearing					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
G	General Comments							

Spa	n 5	Beam 2						
Pres	stressed Concre	ete Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prest	ressed Concrete Open Girder/Beam	68	34	34	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spall with exposed rebar on the botto bent 4			2	1	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at 2" x 1/2")			2	9	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spall with exposed rebar on the botto bent 4	•	,	2	1	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at 1")	` , .		2	3	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spalls with exposed rebar on the bot 11ft from bent 5 up to (14" x 2" x 1/4"	tom face starti		2	11	Feet	

Feet

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** 

Spa	an 5	Beam 2 Ne	ar Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
 leme	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	ın 5	Beam 2 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

•	Span 5		ear Bearing					
Elen	rable Bearing	Flowerst Name	Total	CS1	CS2	CS3	CS4	
<b>Nun</b> 311	<b>nber</b> Movable	Element Name Bearing	Qty 1	<b>Qty</b> 0	Qty 1	<b>Qty</b> 0	Qty 0	Each
515		stective Coating	1	0	1	0	_	Square Feet
Elemen	Defect Type	Defect Des	scription		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	I rust.		2	1		1 Square Feet

Spa	ın 5	Beam 3 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect De	scription		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	d rust.		2	1		1 Square Feet
	General Comments							

Span 5		Beam 4					
Prestres	sed Concret	e Girder					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	68	67	0	1	0 Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty
109 Crac	king (PSC)	area of delamination on the bottom f diameter with 1/8" separation	ace, at 1/3 poin	t, 6" in	3	1	1 Feet

**General Comments** 

Spa	an 5		Beam 4	Near Bearing					
Mov	vable	e Bearing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer		Defect Type	Defect I	Description		cs	CS Qty	Maint Qty	
311	Cor	rosion	Freckled rust, corrosion of the	he steel has initiated.		2	1		Each
515		ectiveness (Steel tective Coatings)	Substantially effective, freck	led rust.		2	1		1 Square Feet
	Gene	eral Comments							

Spa	n 5	Beam 4 F	ar Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	1	0	0	Square Feet
lemen	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Stee		d rust.		2	1		1 Square Feet

Span :	5	Beam 5						
Prestr	essed Concret	e Girder						
Eleme Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	64	4	0	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
109 P	atched Area	REPAIR observed in 2020 insp: soun- long. 2018 report had spall and delan right face at bent 5 (22" x 5" x 2") delan no exposed rebar (21" x 4" x 2 1/2") w cracking up to 0.016" wide	n area on the b am area and sp	ottom all with	2	4	Feet	
Ge	eneral Comments							_

Spa	an 5	Beam 5 Near Bea	aring					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	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							

Spa	an 5	Beam 5 Fai	Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	ın 5	Beam 6						
Pre	stressed Concrete	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	67	0	1	0 Feet	
Elemer Numbe	Dofoot Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Cracking (PSC)	area of delamination on the bottom f diameter with 1/8" separation	face, at 1/3 poin	t, 6" in	3	1	1 Feet	
	<b>General Comments</b>							_

5	Beam 6 No	ear Bearing					
ble Bearing							
ent oer	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	-	Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
E	ble Bearing  ent ber  Movable Steel Pro  Defect Type  Corrosion  Effectiveness (Steel	ble Bearing  ent ber Element Name Movable Bearing Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust, corrosion of the se Effectiveness (Steel Substantially effective, freckled	ble Bearing  ent Element Name Qty  Movable Bearing 1  Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ble Bearing  ent Element Name Qty Qty  Movable Bearing 1 0  Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ble Bearing  ent Element Name Qty Qty Qty  Movable Bearing 1 0 1  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2	ble Bearing  ent Element Name Qty Qty Qty Qty Qty Qty Qty  Movable Bearing 1 0 1 0  Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust, corrosion of the steel has initiated. 2 1  Effectiveness (Steel Substantially effective, freckled rust. 2 1	ble Bearing  ent Element Name Qty

Spa	ın 5	Beam 6 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	st.		2	1		1 Square Feet
	General Comments							

Spa	Span 5		ar Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	General Comments							

Spar Fixe	n 5 d Bearing	Beam 7 F	Far Bearing					
Elem Num 313		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet

Spa	an 5	Beam 8 N	ear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect De	scription		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	d rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	ın 5	Beam 8 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Span 5		Beam 9 No	ear Bearing					
Mov	able Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbei	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	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 Beari	ng					
Fixed B	earing							
Element Number	Element Na	ame	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
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Spa	n 5	Epoxy W	earing Surface					
Epo	oxy Wearing Surfa	ce						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	3,672	3,671	0	1	0	Square Feet
Elemen	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	LEFT LANES AT BENT 4, MAP 8" LONG	CRACKING TO 3/16	" WIDE X	3	1		1 Square Feet
	General Comments							

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinfor	ced Concrete Deck	4,182	4,163	19	0	0 Square Feet
Elemen Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty
12	Patched Areas	(20" x 17") sound patch on the from the right curb	deck surface at ber	nt 6, 11ft	2	2	Square Feet
12	Patched Areas	bottom of the deck has 2 sound and at bent 6, up to 10" wide x	•	ar bent 6	2	2	Square Feet
12	Patched Areas	bottom of the deck has a sound bay 5, 12" wide x 5" long	d patch, 8 ft. from b	ent 6 in	2	1	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED V GROOVING 2020 INSPECTION. x 6") sound patch on the deck the left curb	(2018 INSPECT	ION) (14"	2	2	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED V GROOVING 2020 INSPECTION. x 22") sound patch on the deck path of the right EB lane at ben	(2018 INSPECT surface in the righ	ION) (74"	2	12	Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED V GROOVING 2020 INSPECTION. abrasion and wear on the deck aggregate still in place	(2018 INSPECT	ION)	1		Square Feet

Numb 109	eı	Defect Type hed Area	Defect Descript [NEW REPAIR - PATCHING] FORME spall with exposed rebar on the bott	RLY> (4" x 3"		<b>CS</b> 2	CS Qty	<b>Qty</b> Feet	
	ımber		Element Name ssed Concrete Open Girder/Beam	<b>Qty</b> 68	<b>Qty</b> 67	Qty 1	<b>Qty</b> 0	Qty 0 Feet	
	estres ement	sed Concrete	e Girder	Total	CS1	CS2	CS3	CS4	
Sp	an 6		Beam 1						

**General Comments** 

Spa	ın 6	Beam 1 N	lear Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defeat Type	Defect De	scription		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	d rust.		2	1		1 Square Feet
	General Comments							

Spa	n 6	Beam 1 Far	Bearing					
Fixe	d Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Number	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	Up to 50% section loss on the left surface corrosion throiughout	anchor rod nut with	1	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effect	ive		4	1		1 Square Feet
-	General Comments							

Span 6		Beam 2						
Prestre	essed Concret	e Girder						
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	64	4	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR - PATCHING] FORME exposed rebar on the bottom face st 5 up to (16" x 5" x 1/2")			2	4	Fee	rt .
Gen	neral Comments							

Span 6 **Beam 2 Near Bearing Movable Bearing** Total CS1 CS2 CS3 CS4 **Element** Number **Element Name** Qty Qty Qty Qty Qty Movable Bearing 311 0 1 0 0 Each 515 Steel Protective Coating 0 0 0 Square Feet Maint Element **Defect Type Defect Description** CS CS Qty Number Qty Freckled rust, corrosion of the steel has initiated. 2 311 Corrosion Each 515 Substantially effective, freckled rust. 2 Effectiveness (Steel 1 1 Square Feet **Protective Coatings) General Comments** 

Spa	ın 6	Beam 2 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		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	1 6	Beam 3 Ne	ar Bearing					
Mova	able Bearing							
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
G	Seneral Comments							

Spa	an 6	Beam 3 F	ar Bearing					
Fix	ed Bearing							
	ment mber	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
Eleme Numbe	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Ste Protective Coating		d rust.		2	1		1 Square Feet
	<b>General Comments</b>	3						

Spai	n 6	Beam 4 N	ear Bearing					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element	Dofoot Typo	Defect Des	scription		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	d rust.		2	1		1 Square Feet

Spa	an 6	Beam 4 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Eleme	Defeat Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 6	Beam 5						
Pres	stressed Concret	te Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	30	38	0	0 Fe	eet
Elemen Numbe	Dofoct Typo	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spalling with exposed rebar on the b 26ft from bent 5 up to (13" x 4" x 1/2'	ottom face star		2	36		Feet
109	Cracking (PSC)	area of delamination on the bottom f 17" wide x 19" long with 1/8" separat	,	bent 5,	2	2	2	Feet
	General Comments							

Spa	an 6		Beam 5	Near Bearing					
Мо	vable	Bearing							
	ement imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme		Defect Type	Defect D	Description		CS	CS Qty	Maint Qty	
311	Corre	osion	Freckled rust, corrosion of the	ne steel has initiated.		2	1		Each
515		ctiveness (Steel ective Coatings)	Substantially effective, freck	led rust.		2	1		1 Square Feet
	Gener	al Comments							

Span 6		Beam 5 Far Beari	ng					
Fixed B	earing							
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	g	1	0	0	0	1	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspe	ction Date: <u>12/20/2021</u>
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
	<b>General Comments</b>				

Spa	n 6	Beam 6						
Pres	tressed Concrete	e Girder						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	67	1	0	0	Feet
lement lumber	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Delamination/Spall	(6" x 2" x 1/8") spall with exposed reba bent 5	r on the bottom f	ace at	2	1	•	I Feet
(	General Comments							

Spa	n 6	Beam 6 Ne	ar Bearing					
Mov	able Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	an 6	Beam 6 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 6		Beam 7 Near Bear	ring					
Movable	e 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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

**General Comments** 

Spa	n 6	Beam 7 Far E	Bearing					
Fixe	d Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbei	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the stee	l has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	1		1 Square Feet
-	General Comments							

Presti	essed Concret	e Girder						
Eleme Numb	- <del></del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	63	5	0	0 1	Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 E	xposed Rebar	spall on the bottom face, 20 ft. from diameter x 1/4" deep with exposed re		in	2	1	1	Feet
109 P	atched Area	[NEW REPAIR - PATCHING] FORME exposed rebar on the bottom face st 5 up to (7" x 4" x 1/2")			2	4		Feet

Spai	n 6	Beam 8 N	ear Bearing					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lement	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet

Spa	n 6	Beam 8 Fa	r Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemen	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	ın 6	Beam 9 Nea	r Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Spa	an 6	Beam 9 Far	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Eleme Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Spa	ın 7	Deck					
Rei	nforced Concrete	Deck					
	ment mber Reinford	Element Name red Concrete Deck	<b>Total</b> <b>Qty</b> 3,721	CS1 Qty 3,700	<b>CS2</b> <b>Qty</b> 19	<b>CS3</b> <b>Qty</b> 2	CS4 Qty 0 Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIC SPALL (24" LONG x 4" WIDE x 1.: RIGHT CURB)	GHT LANES AT B 5" DEEP AT 10' F	ENT 6, ROM	3	2	2 Square Feet
12	Efflorescence/Rust	surface efflorescence and hairling	o cracking in the	hottom of	2	8	Square Feet

Structure	Number: <u>640013</u>			Inspection [	Date: <b>12/20/2021</b>
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
	<b>General Comments</b>				

Spa	n 7	Beam 1 N	ear Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet
	<b>General Comments</b>							

S1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
Qty	Qty	Qty	Qty	
0	1	0	0	Fach
0	1	0	0	Square Feet
	cs (	CS Qty	Maint Qty	
	2	1	•	Each
	2	1		1 Square Feet

Span 7		Beam 2 N	Beam 2 Near Bearing					
Movable B	Bearing							
Element Number E		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	1	0	0	Square Feet
Element Number	efect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311 Corros	sion Freckled rust, corrosion of the steel has initiated.				2	1		Each

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

Spa	an 7	Beam 2 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	General Comments							

Spa	n 7	Beam 3 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Fee
	General Comments							

Spa	an 7	Beam 3 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Tyres	Defect Des	scription		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	I rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 7		Beam 4						
Prestre	ssed Concrete Girder							
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Conci	rete Open Girder/Beam	60	59	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	

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

n 7	Beam 4 Ne	ar Bearing					
able Bearing							
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable E	Bearing	1	0	1	0	0	Each
Steel Prote	ective Coating	1	0	1	0	0	Square Feet
t r Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
יו	Movable E Steel Prote  t Defect Type  Corrosion  Effectiveness (Steel	nent her Element Name Movable Bearing Steel Protective Coating  The Defect Type Defect Description Freckled rust, corrosion of the step Effectiveness (Steel Protective Coatings)	nent her Element Name Qty Movable Bearing 1 Steel Protective Coating 1  Defect Type Defect Description Corrosion Freckled rust, corrosion of the steel has initiated. Effectiveness (Steel Protective Coatings)	nent Blement Name CS1 Movable Bearing 1 0 Steel Protective Coating 1 0  Total Qty Qty Movable Bearing 1 0  Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	nent Blement Name CS1 CS2 Qty Qty Qty Movable Bearing 1 0 1 Steel Protective Coating 1 0 1  Total CS1 CS2 Qty Qty Qty Movable Bearing 1 0 1  Steel Protective Coating 1 0 2  The Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Protective Coatings)	Total CS1 CS2 CS3 Qty Movable Bearing 1 0 1 0 Steel Protective Coating 1 0 1 0  Total Qty Qty Qty Qty Qty Novable Bearing 1 0 1 0  Steel Protective Coating 1 0 1 0  Total Qty Qty Qty Qty Qty Qty To Steel Protective Coating 1 0 1 0  Total CS1 CS2 CS3 Qty Total CS2 CS3 Qty Total CS2 CS3 Qty Total CS3 Qty	nent her Element Name Qty

Spa	n 7	Beam 4 Far	Bearing					
Fixe	ed Bearing							
	ment nber	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
Elemen Numbe	Dofoct Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Stee Protective Coating	- · · · · · · · · · · · · · · · · · · ·	ıst.		2	1		1 Square Feet
•	General Comments	-						

Span 7	•	Beam 5						
Prestr	essed Concret	e Girder						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	60	59	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR - PATCHING] FORME deep) spall on the bottom left face at at bent 7			2	1	Feet	
Gei	neral Comments							

Span 7		Beam 5 Near Bear	Beam 5 Near Bearing						
Movable	e Bearing								
Element Number	Element N	ame	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	
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty		

Structure	Number: <u>640013</u>			Inspe	ction Date: <u>12/20/2021</u>
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				

Spar Fixed	n 7 d Bearing	Beam 5 Far	Bearing					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
G	Seneral Comments							

Span	n 7	Beam 6						
Pres	tressed Concre	te Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestr	essed Concrete Open Girder/Beam	60	58	2	0	0 Feet	
Element Number	Dofoct Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI delamination on the bottom face, 20 wide x 12" long with 1/8" separation		nt 7, 8"	2	1	Feet	
109	Patched Area	sound patch on the bottom face, at t 6" long	he 2/3 point, 10	" wide x	2	1	Feet	
G	Seneral Comments							

Spa	an 7	Beam 6 Ne	ar Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 7	Beam 6 Fa	r Bearing					
Fixe	ed Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	an 7	Beam 7 Nea	ar Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desci	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 7	Beam 7 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	searing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings		I rust.		2	1		1 Square Feet
	General Comments							

Spai	n 7	Beam 8 N	Near Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	escription		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, freckle	d rust.		2	1		1 Square Feet

Spa	an 7	Beam 8 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		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							

Spai	n 7	Beam 9 Near	Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	st.		2	1		1 Square Feet
(	General Comments							

Spa	n 7	Beam 9	Far Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fix	ked Bearing	1	0	1	0	0	Each
515	Ste	eel Protective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Tyr	pe Defect	Description		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of t	he steel has initiated.		2	1		Each
515	Effectiveness (S		kled rust.		2	1		1 Square Feet
-	General Commer	nts						

Span 7		Epoxy Wea	ring Surface					
Epoxy \	Wearing Surface							
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	e	3,267	3,265	0	0	2	Square Feet
Element Number	Defect Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
	ched Area/Pothole LOSS earing Surface)	OF WEARING SURFACE A	T THE SPALL		4	2	2	2 Square Feet

Spa	n 8	Deck					
Reir	nforced Concrete	Deck					
	<b>nent</b> n <b>ber</b> Reinford	Element Name ed Concrete Deck	Total Qty 4,182	<b>CS1 Qty</b> 4,160	<b>CS2</b> <b>Qty</b> 19	<b>CS3 Qty</b> 3	CS4 Qty 0 Square Feet
Elemen Numbe	- D-(1 T	Defect Descrip	otion		cs	CS Qty	Maint Qty
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGH SPALL (36" LONG x 3" WIDE x 1.5" 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 ba 5 at 17.5ft from bent 8 up to (9" x 2") [NEW REPAIR - PATCHING] FORMERLY> (20" x 9") area				2	Square Feet
12	Patched Areas	[NEW REPAIR - PATCHING] FORM of (x2) spalls with exposed rebar of 4, 15.5ft from bent 8 up to (9" x 4" >		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 r light pole (19" x 12")	ight overhang ι	ınder	2	2	Square Feet
12	Efflorescence/Rust Staining	surface efflorescence with hairline bottom in bay 8 at bent 8	cracking on the	deck	2	7	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH GROOVING 2020 INSPECTION. x 5") unsound patch and spall (5" x surface in the right EB lane at 24ft	(2018 INSPECT 4" x 1/2") on th	ION) (20"	2	3	Square Feet
12	Efflorescence/Rust Staining	(24" x 10") area of surface effloresc cracking on the deck bottom on the		•	2	2	Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED WITH GROOVING 2020 INSPECTION. abrasion and wear on the deck sur- aggregate still in place	(2018 INSPECT	ION)	1		Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY TRANSVERSE CRACKING UP TO RIGHT EAST BOUND LANE AT BEI	03" OPEN 3' LO		1		Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH GROOVING 2020 INSPECTION. diagonal cracks in the deck surface 5ft from bent 8 up to (0.04") wide	(2018 INSPECT	ION) 44"	1		Square Feet

Spa	ın 8	Beam 1						
Pre	stressed Concret	te Girder						
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	64	4	0	0 Feet	
Elemer	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI area of exposed rebar without section chamfer at bent 7			2	2	Feet	
109	Exposed Rebar	[PROMPT ACTION REQUEST] (16" x rebar in the top left chamfer at bent 8		osed	2	2	2 Feet	
	General Comments							

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Spar	า 8	Beam 1 N	lear Bearing					
Mova	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable I	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Type	Defect De	escription		cs	CS Qty	Maint Qty	
311	Loss of Bearing Area	up to (9/16") movement of bea masonry plate with up to 9% b		nd the	2			1 Each
311	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
G	General Comments							

Spa	an 8	Beam	1 Far Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	1	0	0	Square Feet
Eleme	Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of	the steel has initiated.		2	1	-	Each
515	Effectiveness (St Protective Coating		kled rust.		2	1		1 Square Feet
	General Comment	s						

Spar	า 8	Beam 2					
Pres	tressed Concre	ete Girder					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prest	ressed Concrete Open Girder/Beam	68	61	7	0	0 Feet
Element Number	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 7			2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER 3" x 1/2"), (5" x 5" x 1/2") and (6" x 4" rebar on the bottom face at 26ft, 23ft respectively	x 1/4") with ex	cposed	2	3	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 8			2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 8			2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 7			2	1	Feet

Spa	n 8	Beam 2 Ne	ar Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa Fixe	n 8 ed Bearing	Beam 2 Fai	Bearing					
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
-	General Comments							

Spar	า 8	Beam 3					
Pres	tressed Concre	te Girder					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	essed Concrete Open Girder/Beam	68	58	10	0	0 Feet
Element Number	Dofoct Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMER exposed rebar at mid span on the bo x 1/2")			2	2	Feet
109	Patched Area	4 sound patches on the bottom face in diameter	near mid-span	up to 8"	2	4	Feet
109	Patched Area	(10" x 7") sound patch on the bottom at 19ft from bent 8	n face with 0.01	" cracks	2	1	Feet
109	Patched Area	(9" x 7") sound patch on the bottom at 22ft from bent 8	face with 0.007	" cracks	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 7			2	1	Feet
109	Patched Area	(7" x 7") sound patch on the bottom at 18ft from bent 8	face with 0.007	" cracks	2	1	Feet

Spai	n 8	Beam 3 Ne	ar Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
(	General Comments							

Spa	ın 8	Beam 3 Far	Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Spa	ın 8	Beam 4 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
•	General Comments							

Spai Fixe	n 8 d Bearing	Beam 4 F	ar Bearing					
Elen Num 313		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect De	scription		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, freckle	d rust.		2	1		1 Square Feet

**General Comments** 

essed Concrete t r Prestres	Element Name ssed Concrete Open Girder/Beam	Total Qty 68	CS1 Qty	CS2	CS3	CS4	
r		Qty				CS4	
			62	Qty 6	<b>Qty</b> 0	<b>Qty</b> 0 Feet	
Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
tched Area	MAINTENANCE - spall with exposed s right face at bent 8 (27" x 20" x 3"), up	strand on the I p to 100% sect	oottom ion loss	2	3	Feet	
tched Area	(20" x 10") sound patch on the botton bent 8	n face at 26in f	rom	2	2	Feet	
tched Area	face, 14" wide x 8" long. 2018 report h	has (7" x 6" x 1	/2")	2	1	Feet	
1	ched Area	INEW REPAIR - PATCHING] FORMER MAINTENANCE - spall with exposed right face at bent 8 (27" x 20" x 3"), u of strand for 10in long (PROMPT ACT)  Inched Area (20" x 10") sound patch on the botton bent 8  Inched Area REPAIR observed in 2020 insp: soun face, 14" wide x 8" long. 2018 report spall with exposed rebar on the botton bent 8	[NEW REPAIR - PATCHING] FORMERLY> PRIORI MAINTENANCE - spall with exposed strand on the bright face at bent 8 (27" x 20" x 3"), up to 100% sect of strand for 10in long (PROMPT ACTION REQUEST the Area (20" x 10") sound patch on the bottom face at 26in face. 14" wide x 8" long. 2018 report has (7" x 6" x 1 spall with exposed rebar on the bottom face at 44in bent 8	[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).  (20" x 10") sound patch on the bottom face at 26in from bent 8  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	INEW 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).  (20" x 10") sound patch on the bottom face at 26in from bent 8  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	INEW REPAIR - PATCHING] FORMERLY> PRIORITY  2 3 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).  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	INEW 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).  Inched Area  (20" x 10") sound patch on the bottom face at 26in from 2 2 2 Feet bent 8  Inched Area  REPAIR observed in 2020 insp: sound patch on bottom 2 1 Feet 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

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

Corrosion Freckled rust, corrosion of the steel has initiated. 2 1 Each

Effectiveness (Steel Protective Coatings)

Substantially effective, freckled rust. 2 1 Square Feet

**General Comments** 

515

Spai	n 8	Beam 5 Fa	ar Bearing					
Fixe	ed Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
ement	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
13	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	•	Each
15	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet

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	Beam 6						
sed Concrete	e Girder						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestres	ssed Concrete Open Girder/Beam	68	67	1	0	0	Feet
Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
ned Area				2	1		Feet
	Prestres	Element Name Prestressed Concrete Open Girder/Beam  Defect Type Defect Descript Defect Area [NEW REPAIR - PATCHING] FORME Spall with exposed rebar on the bott	Flement Name Prestressed Concrete Open Girder/Beam  Defect Type Defect Description  [NEW REPAIR - PATCHING] FORMERLY> (7" x 4" spall with exposed rebar on the bottom face at 20ft	Flement Name  Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  [NEW REPAIR - PATCHING] FORMERLY> (7" x 4" x 1/2")  spall with exposed rebar on the bottom face at 20ft from	Flement Name    CS1   CS2	Element Name Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  Defect Type  Defect Description  CS CS Qty  Defect Area  [NEW REPAIR - PATCHING] FORMERLY> (7" x 4" x 1/2")  Spall with exposed rebar on the bottom face at 20ft from	Element Name  Total  Qty Qty Qty Qty Qty Qty Qty Qty Qty Qt

Spa	ın 8	Beam 6 N	ear Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable E	Bearing	1	0	1	0	0	Each
515	Steel Prot	ective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet

		_		
Gana	ral	$c_{n}$	man	ıte

Spa	an 8	Beam 6 Fa	ar Bearing					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	•	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	ın 8	Beam 7						
Pres	Span 8  Prestressed Concrete Girder  Element Number 109 Prestressed Concrete Open Girder/Beam  Element Number 109 Patched Area (6 1/2" x 5 1/2") unsound patch with (6" x on the bottom face at 22ft from bent 8 109 Patched Area (8 1/2" x 6") unsound patch with (3" x 2" x bottom face at 23ft from bent 8 109 Patched Area (17" x 10") sound patch on the bottom face							
Nur	mber		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pres	tressed Concrete Open Girder/Beam	68	64	2	2	0 F	eet
	Dofoot Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	_
109	Patched Area	•	•	4") spall	3	1	1	Feet
109	Patched Area	, , ,	x 2" x 1/8") spa	ll in the	3	1	1	Feet
109	Patched Area	(17" x 10") sound patch on the botto	m face at mid s	pan	2	1		Feet

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Feet

[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") Patched Area

Spa	n 8	Beam 7 Ne	ar Bearing					
Mov	able Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
-	General Comments							

Spar	n 8	Beam 7 Far	Bearing					
Fixed	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
G	Seneral Comments							

Spa	an 8	Beam 8	Near Bearing					
Мо	vable Bearing							
	ement imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Mova	ıble Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect D	escription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of th	e steel has initiated.		2	1		Each
515	Effectiveness (Ste Protective Coating		ed rust.		2	1		1 Square Feet
	General Comments	1						

Spa	ın 8	Beam 8 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		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	l rust.		2	1		1 Square Feet
	General Comments							

Span 8	essed Concret	Beam 9 e Girder					
Elemen Numbe	t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	68	66	2	0	0 Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty
109 Pa	tched Area	[NEW REPAIR - PATCHING] FORME spalls with exposed rebar on the bot bent 7 up to (7" x 3" x 1/4")	RLY> 2ft area ttom face at 13f	of (x3) t from	2	2	Feet
Gen	eral Comments						

Spai	n 8	Beam 9 Ne	ar Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
(	General Comments							

Spa	n 8	Beam 9 F	ar Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect De	scription		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	d rust.		2	1		1 Square Feet

Span	8	Epoxy Wearing S	urface					
Ероху	Wearing Surface							
Elemei Numbe		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	
	atched Area/Pothole LOSS OF W Wearing Surface)	EARING SURFACE AT THE S	PALL		4	3	;	3 Square Feet
Ge	neral Comments							

Spa	ın 9	Deck						
Rei	nforced Concrete	Deck						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
12	Reinford	ed Concrete Deck	3,721	3,713	8	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
12	Patched Areas	DECK RECENTLY REPAIRED W GROOVING 2020 INSPECTION. x 4") DELAMINATION area on the WB lane at bent 8 with cracking	(2018 INSPECT ne deck surface in t	ION) (23"	2	2		Square Feet
12	Efflorescence/Rust Staining	(30" x 8") area of surface efflore cracking on the deck bottom at and 9		•	2	6		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED W GROOVING 2020 INSPECTION. abrasion and wear on the deck aggregate still in place	(2018 INSPECT	ION)	1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED W GROOVING 2020 INSPECTION. transverse cracking in the right (1/32") wide	(2018 INSPECT	ION) 4"	1			Square Feet

Spa	n 9		Beam 1						
Pre	stre	ssed Concret	e Girder						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109		Prestre	ssed Concrete Open Girder/Beam	60	58	2	0	0	Feet
Elemer Numbe		Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Pat	ched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at (11" x 9" x 1/2")			2	2		Feet
	Gene	eral Comments							

Span 9		Beam 1 Near Bearing							
Movable	e 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		

Structure Number: 640013

111 Corrosion Freckled rust, corrosion of the steel has initiated.

2 1 Effectiveness (Steel Substantially effective, freckled rust.

2 1 1 Square Feet

Protective Coatings)
General Comments

Spa	n 9	Beam 1 Far E	Bearing					
Fixe	d Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbei	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the stee	l has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	1		1 Square Feet
-	General Comments							

Spa	an 9	Beam 2 No	ear Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Des	cription		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							

Spar	າ 9	Beam 2 F	ar Bearing					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet

Spar	n 9	Beam 3 Ne	ar Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
(	General Comments							

Spa	n 9	Beam 3 Far	Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
-	General Comments							

Spa	ın 9	Beam 4 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
•	General Comments							

Spar		Beam 4 F	Far Bearing					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	e steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet

Spa	ın 9	Beam 5						
Pre	stressed Concr	ete Girder						
	ment mber Pres	Element Name tressed Concrete Open Girder/Beam	<b>Total</b> <b>Qty</b> 60	<b>CS1</b> <b>Qty</b> 49	CS2 Qty 11	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet	
Elemer Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: soun long. 2018 report had unsound patch bent 9 (69" x 20") with longitudinal cr wide, delam area (46" x 20") in unsou	on the bottom acking up to 0	face at	2	5	Feet	
109	Patched Area	sound patch on the bottom face, at the 6" long	ne 2/3 point, 10	)" wide x	2	1	Feet	
109	Patched Area	sound patches on the bottom face: (6 bent 8, (7" x 4") at 20ft from bent 9, (5 bent 9, and (19" x 11") at 14ft from be	5" x 4") at 17ft i		2	5	Feet	
	General Comments	•						_

Spa	an 9	Beam 5 Nea	ar Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Defect Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	Span 9		Beam 5	Far Bearing					
Fix	ed Bearing	9							
	ement imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoo	t Type	Defect I	Description		cs	CS Qty	Maint Qty	
313	Corrosion		Freckled rust, corrosion of the	he steel has initiated.		2	1		Each
515	515 Effectiveness (Steel Subs Protective Coatings)		Substantially effective, freck	led rust.		2	1		1 Square Feet
	General Cor	mments							

9	Dealli o N	ear Bearing					
ble Bearing							
ent eer	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	•	Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	i rust.		2	1		1 Square Feet
	ble Bearing ent er  Movable Steel Pro  Defect Type Corrosion Effectiveness (Steel	ble Bearing  Interreference Element Name  Movable Bearing  Steel Protective Coating  Defect Type Corrosion  Freckled rust, corrosion of the Substantially effective, freckled Protective Coatings	ble Bearing  Int Element Name Qty  Movable Bearing 1  Steel Protective Coating 1  Defect Type Defect Description  Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	ble Bearing  Int Element Name Qty Qty  Movable Bearing 1 0  Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	ble Bearing  Int Element Name Otty Otty Otty  Movable Bearing 1 0 1  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Protective Coatings)	ter Element Name Otty Otty Otty Otty Otty  Movable Bearing 1 0 1 0  Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust, corrosion of the steel has initiated. 2 1  Effectiveness (Steel Protective Coatings)	ter Element Name Qty

Spa	ın 9	Beam 6 Far	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span	າ 9	Beam 7						
Pres	tressed Conc	rete Girder						
Elem Num	••••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pre	stressed Concrete Open Girder/Beam	60	58	2	0	0 Feet	
Element Number	Defect Type	e Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the top left chamfe 4" x 1/4")			2	1	Feet	
109	Patched Area	sound patch on the bottom face 42" 6" long	from bent 9, 8"	wide x	2	1	Feet	
G	Seneral Commen	ts						_

Spa	Span 9		lear Bearing					
Mov	able Bearing							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbei	Defect Type	Defect De	scription		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, freckle	d rust.		2	1		1 Square Feet

Spa	an 9	Beam 7 Far	Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Span	9	Beam 8 Near	r Bearing					
Mova	ble Bearing							
Eleme Numb	••••	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
311 (	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	st.		2	1		1 Square Feet
G	eneral Comments							

Spa	n 9		Beam 8 F	ar Bearing					
Fixe	ed B	earing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe		Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
313	Cor	rosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515		ectiveness (Steel tective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
	Gene	eral Comments							

Span 9		Beam 9								
Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestre	ssed Concrete Open Girder/Beam	60	37	20	3	0 Feet			
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty			
109 Pat	ched Area	(16" $\times$ 9") unsound patch with (8" $\times$ 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				

Spa	an 9	Beam 9 N	ear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	scription		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 Bea	ring							
Element Number	Elei	nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective C	Coating	1	0	1	0	0	Square Feet
lement lumber D	efect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313 Corros	ion Freckle	ed rust, corrosion of the s	steel has initiated.		2	1	•	Each

Inspection Date: <u>12/20/2021</u> Structure Number: 640013

Effectiveness (Steel Substantially effective, freckled rust.

Protective Coatings)

2

1 Square Feet

General Comments				

Span 9	9	Joint at Be	nt 8					
Comp	ression Seal							
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	54	51	3	0	0 Feet	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
	djacent Deck or eader	ADJACENT DECK HEADERS IN SCATTERED CHIPPING TO 1" W LOSS OF ADHESION.			2	3	Feet	
Ge	neral Comments							

		Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	4,182	4,177	5	0	0	Square Feet
lement umber	Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
12	Patched Areas	PATCHED AREA 59" WIDE X 1 BOUND LANE AT BENT 9 END		EAST	2	5		Square Feet
12	Abrasion/Wear (PSC/RC)	DECK RECENTLY REPAIRED N GROOVING 2020 INSPECTION abrasion and wear on the deck aggregate still in place	. (2018 INSPECT	ION)	1			Square Feet

Span	10	Beam 1						
Prest	ressed Concrete	e Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	66	2	0	0 1	eet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 E	Exposed Rebar	[PROMPT ACTION REQUEST] spall to the top left chamfer at bent 10 (24" x		bar on	2	2	2	Feet
G	eneral Comments		-					

Spar	า 10	Beam 1 N	ear Bearing				
Mov	able Bearing						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	Bearing	1	0	1	0	0 Each
515	Steel Pro	etective Coating	1	0	1	0	0 Square Feet
Element Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty
311	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	I rust.		2	1	1 Square Feet

Spa	an 10	Beam 1 Fa	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	ust.		2	1		1 Square Feet
	General Comments							

Span 1	0	Beam 2						
Prestre	essed Concret	e Girder						
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	65	3	0	0 F	eet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	REPAIR observed in 2020 insp: 3 so 8". 2018 report had (x3) spalls with e bottom face at 19ft from bent 9 up to	exposed rebar o	n the	2	3	-	Feet
Gen	neral Comments	-						

Spa	an 10	Beam 2 N	ear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	scription		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	l rust.		2	1		1 Square Feet
	General Comments							

Span 10		Beam 2 F	ar Bearing					
Fixed Bea	aring							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
ilement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
313 Corros	sion	Freckled rust, corrosion of the	steel has initiated.		2	1	-	Each

Inspection Date: <u>12/20/2021</u> Structure Number: 640013

**General Comments** 

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

Pres	stressed Concre	te Girder					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	essed Concrete Open Girder/Beam	68	46	22	0	0 Feet
lemen lumbe	Dofoot Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI with exposed rebar on the bottom fa from bent 10 up to (12" x 2" x 1/4")			2	13	Feet
109	Patched Area	4 sound patches on the bottom face, to 20" wide x 36" long	1 ft. from bent	10, up	2	4	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spall with exposed rebar on the botto bent 10			2	1	Feet
109	Patched Area	REPAIR observed in 2020 insp: 3 so wide x 6" long. 2018 report had (x3) se rebar on the bottom face at 18ft from x 1/2")	spalls with exp	osed	2	3	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at to (10" x 6" x 1/2")			2	1	Feet

Spa	n 10	Beam 3 N	ear Bearing					
Mov	able Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		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	I rust.		2	1		1 Square Feet
-	General Comments							

n 10	Beam 3 Fa	ar Bearing					
d Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Fixed Bea	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	-	Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	I rust.		2	1		1 Square Feet
	ent ber Fixed Bea Steel Pro  Defect Type  Corrosion  Effectiveness (Steel	ent ber Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust, corrosion of the Effectiveness (Steel Substantially effective, freckled	ent Element Name Qty Fixed Bearing 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Qty Qty Qty Fixed Bearing 1 0 1 Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2	ent Element Name Otty Otty Otty Otty Fixed Bearing 1 0 1 0 Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust, corrosion of the steel has initiated. 2 1  Effectiveness (Steel Substantially effective, freckled rust. 2 1	ent Element Name Qty

Beam 4						
crete Girder						
Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
restressed Concrete Open Girder/Beam	68	67	1	0	0	Feet
pe Defect Descripti	ion		cs	CS Qty	Maint Qty	
sound patch on the bottom face, 15 f x 6" long	ft. from bent 9, 1	1" wide	2	1	-	Feet
יי	Element Name Prestressed Concrete Open Girder/Beam  Prestressed Defect Description Sound patch on the bottom face, 15 faces.	Prestressed Concrete Open Girder/Beam 68  Total Qty Prestressed Concrete Open Girder/Beam 68  Total Qty Prestressed Concrete Open Girder/Beam 68  Total Qty Prestressed Concrete Open Girder/Beam 68	Prestressed Concrete Open Girder/Beam  Defect Description  sound patch on the bottom face, 15 ft. from bent 9, 11" wide	Prestressed Concrete Open Girder/Beam  Defect Description  CS1  CS2  Qty  Qty  Qty  CS2  Qty  CS3  CS2  CS2  Qty  CTS4  CS1  CS2  CS2  CS2  CS2  CTS4  CS3  CS2  CS3  CS2  CS3  CS3  CS3  CS3	Prestressed Concrete Open Girder/Beam  Defect Description  Defect Description  CS CS Qty  Sound patch on the bottom face, 15 ft. from bent 9, 11" wide 2 1	Total CS1 CS2 CS3 CS4  Element Name Qty Qty Qty Qty Qty Qty Prestressed Concrete Open Girder/Beam 68 67 1 0 0  Total CS1 CS2 CS3 CS4  Qty Qty Qty Qty Qty Qty Qty Qty  The second concrete Open Girder/Beam 68 67 1 0 0 0  The second concrete Open Girder/Beam CS CS Qty Second concrete Open Girder/Beam 68 67 1 0 0 0  The second concrete Open Girder/Beam CS CS Qty Second concrete Open Girder/Beam 68 67 1 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0 0 0 0 0 0 0 0  The second concrete Open Girder/Beam 68 68 67 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Spa	n 10	Beam 4 Nea	r Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 10	Beam 4 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 10	Beam 5						
Pre	stressed Concre	ete Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prest	ressed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Elemei Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar in the botto bent 10			2	1	Feet	
109	Patched Area	REPAIR observed in 2020 insp: soun report had spall with exposed rebar i at bent 10 in bay 5 (6" x 5" x 1/2")			2		Feet	
	General Comments	<b>.</b>						_

Spa	n 10	Beam 5 Nea	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	ın 10	Beam 5 Far	Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	Span 10 Beam 6 Near Bearing									
Мо	vable Bearing									
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
311	Movable	Bearing	1	0	1	0	0	Each		
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet		
Eleme Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty			
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each		
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet		
	General Comments									

Spar Fixe	n 10 d Bearing	Beam 6 F	ar Bearing					
Elem Num 313	••••	Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet

Span	10	Beam 7						
Prest	ressed Concret	e Girder						
Eleme Numb 109	per	Element Name ssed Concrete Open Girder/Beam	Total Qty 68	CS1 Qty 66	CS2 Qty 2	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 F	Patched Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at (7" x 4" x 1/2")			2	2	Feet	
G	eneral Comments							

Span	10	Beam 7 Ne	ar Bearing					
Mova	able Bearing							
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
G	Seneral Comments							

Spa	an 10	Beam 7 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	cription		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
	<b>General Comments</b>							

Spa	n 10		Beam 8						
Pres	stress	sed Concret	e Girder						
Elen Nun	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109		Prestre	essed Concrete Open Girder/Beam	68	52	16	0	0	Feet
Elemen Numbe		Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Dama	ige	(8" x 5 1/2" x 1/2") spall with exposed diaphragm in bay 8 at bent 10	d rebar on the e	end	3			1 Feet
109	Patch	ned Area	[NEW REPAIR - PATCHING] FORMEI exposed rebar on the bottom face at failed repairs up to (10" x 6" x 1/2")	· , ,		2	3		Feet

Structure	e Number: <u>640013</u>			Inspect	ion Date: <u>12/20/2021</u>
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
	<b>General Comments</b>				

Spa	an 10	Beam 8 N	lear Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect De	scription		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, freckle	d rust.		2	1		1 Square Feet
	General Comments							

Spa	an 10	Beam 8 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	<b>General Comments</b>							

Spa	n 10	Beam 9									
Pres	Prestressed Concrete Girder										
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestre	essed Concrete Open Girder/Beam	68	38	30	0	0 Feet				
Elemen Number	Dofoot Typo	Defect Description	on		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 pent 9				Feet				
109	Patched Area	(5" x 5") sound patch on the bottom f	ace at 23ft fro	m bent 9	2	1	Feet				
109	Patched Area	[NEW REPAIR - PATCHING] FORMER MAINTENANCE - (x2) spalls with exp bottom face starting at 18ft form bent (14" x 10" x 1") in a failed repair with 20"), (x4) strands exposed up to (19")	osed strands of t 9 (23" x 9" x 1 total area of (6	on the I 1/2") &	2	5	Feet				
109	Patched Area	(x3) sound patches on the bottom factors bent 9 up to (6" x 6")	e starting at 9	ft from	2	3	Feet				
109	Patched Area	[NEW REPAIR - PATCHING] FORMER of exposed rebar in the top left cham		") area	2	3	Feet				

ucture	Number: <u>640013</u>			Inspect	ion 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 form 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

		ear Bearing					
able Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable I	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1	-	Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
(C	ent per Movable I Steel Prof  Defect Type  Corrosion  Effectiveness (Steel	ent per Element Name Movable Bearing Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust, corrosion of the selectiveness (Steel Protective Coatings)	ent Der Element Name Qty Movable Bearing 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	ent Der Element Name CS1 Outy Movable Bearing 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	ent Element Name Qty Qty Qty  Movable Bearing 1 0 1  Steel Protective Coating 1 0 1  Defect Type Defect Description CS  Corrosion Freckled rust, corrosion of the steel has initiated. 2  Effectiveness (Steel Protective Coatings) 2  Substantially effective, freckled rust. 2	ent Element Name Qty	ent ber Element Name Qty

Spa	nn 10	Beam 9 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Span 11		Deck						
Reinfor	ced 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 F	eet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qtv	

Structure	Number: <u>640013</u>			Inspection I	Date: <u>12/20/2021</u>
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** 

	Beam 1					
essed Concrete	e Girder					
t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Prestres	ssed Concrete Open Girder/Beam	68	66	2	0	0 Feet
Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty
tched Area				2	2	Feet
1	t r Prestres Defect Type	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Descripti tched Area  [NEW REPAIR - PATCHING] FORMER exposed rebar on the top right chant	t Element Name Qty Prestressed Concrete Open Girder/Beam 68  Defect Type Defect Description tched Area [NEW REPAIR - PATCHING] FORMERLY> spall wiexposed rebar on the top right chanfer at bent 11 (1)	t Element Name Qty Qty Prestressed Concrete Open Girder/Beam 68 66  Defect Type Defect Description tched Area [NEW REPAIR - PATCHING] FORMERLY> spall with exposed rebar on the top right chanfer at bent 11 (17" x 3")	t Element Name Qty Qty Qty Prestressed Concrete Open Girder/Beam 68 66 2  Defect Type Defect Description CS tched Area [NEW REPAIR - PATCHING] FORMERLY> spall with exposed rebar on the top right chanfer at bent 11 (17" x 3")	t Element Name Qty Qty Qty Qty Qty Prestressed Concrete Open Girder/Beam 68 66 2 0  Defect Type Defect Description CS CS Qty tched Area [NEW REPAIR - PATCHING] FORMERLY> spall with 2 2 2 exposed rebar on the top right chanfer at bent 11 (17" x 3")

**General Comments** 

Spa	an 11	Beam 1 Nea	ar Bearing					
Мо	vable Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoct Typo	Defect Desci	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	General Comments							

Span 11 Beam 1 Far Bearing **Fixed Bearing** Element Total CS1 CS2 CS3 CS4 **Element Name** Number Qty Qty Qty Qty Qty 313 **Fixed Bearing** 0 Each 0 1 515 Steel Protective Coating 0 1 0 0 Square Feet Element Maint cs CS Qty **Defect Type Defect Description** Number Qty 313 Corrosion Freckled rust, corrosion of the steel has initiated. 2 1 Each 515 Effectiveness (Steel Substantially effective, freckled rust. 2 1 Square Feet 1 **Protective Coatings)** 

Spa	an 11	Beam 2						
Pre	stressed Concre	te Girder						
	ment mber Prestr	Element Name essed Concrete Open Girder/Beam	Total Qty 68	<b>CS1 Qty</b> 67	CS2 Qty	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet	
Eleme	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMER exposed rebar on the bottom face at 10" x 1/2")			2	1	Feet	
	<b>General Comments</b>							_

Spa	an 11		Beam 2 N	lear Bearing					
Mo	vable Be	earing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	D	fect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corrosio	on	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515		eness (Steel ve Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
	General C	Comments							

Spa	an 11	Beam 2 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	•	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	ın 11	Beam 3 Ne	ar Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	ın 11	Beam 3 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer	Dofoot Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)		ust.		2	1		1 Square Feet
	General Comments							

Spai	n 11	Beam 4					
Pres	stressed Concret	e Girder					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	68	62	6	0	0 Feet
Element Number	Dofoct Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spall with exposed rebar in the botto bent 10			2	1	Feet
109	Patched Area	2 sound patches on the bottom face bent 11, up to 12" in diameter	starting 12 ft. f	rom	2	2	Feet
109	Patched Area	sound patch on the bottom face, 24 f	ft. from bent 10	, 8" wide	2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI spall with exposed rebar on the botto bent 11			2	1	Feet
109	Patched Area	REPAIR observed in 2020 insp: sour long. 2018 report had (8" x 6" x 1/2") rebar in the bottom face at 31ft from	spall with expo		2	1	Feet

Spa	ın 11	Beam 4 Ne	ear Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	ın 11	Beam 4 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	an 11	Beam 5						
Pre	estressed Con	crete Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Р	restressed Concrete Open Girder/Beam	68	54	14	0	0 Feet	
Eleme	Dofoct Tv	pe Defect Descrip	otion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR - PATCHING] FORMI exposed rebar on the bottom face t starting at 16.5ft from bent 11			2	13	Feet	
109	Patched Area	[NEW REPAIR - PATCHING] FORMI spall with exposed rebar on the bot bent 11			2	1	Feet	
	General Comme	ents						

Spa	an 11		Beam 5 N	lear Bearing					
Мо	vable	Bearing							
	ement mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme		Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corre	osion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515		ctiveness (Steel ective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
	Gener	al Comments							

Spa	n 11	Beam 5 F	ar Bearing					
Fixe	ed Bearing							
Nun		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
Elemen Numbe	Dofoot Tymo	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Stee Protective Coating		d rust.		2	1		1 Square Feet

Spar	า 11	Beam 6					
Pres	tressed Concret	e Girder					
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	68	33	35	0	0 Feet
Element Number	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty
109	area of DELAMINATION and cracking up to 0.02" wide o the bottom and left faces at 14ft from bent 10				2	2	Feet
109	9 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	\ <u>-</u>	([NEW REPAIR - PATCHING] FORMERLY> 4" x 4" x 1/2") spall with exposed rebar on the bottom face at bent 10			1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER MAINTENANCE - spall with exposed s right face at 12ft from bent 10 (34" x 7 exposed for 20" long	strands on the b		2	3	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER spall with exposed rebar on the botto bent 10			2	1	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER exposed rebar on the bottom face up 11ft from bent 11			2	2	Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMER MAINTENANCE - (x2) spalls with expo bottom face starting at 5in from Bent 1/2" x 6 1/2" x 2"), strands exposed fo cracking up to 0.013" wide at this local	osed strands on 11 (8" x 7" x 1") or up to (1") long	the and (7 each,	2	3	Feet

Spa	n 11	Beam 6 Ne	ear Bearing					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defeat Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	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 Fa	ar Bearing					
Fixed Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313 Corre	osion	Freckled rust, corrosion of the	steel has initiated.		2	1	•	Each

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**General Comments** 

**General Comments** 

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

Span	11	Beam 7							
Presti	ressed Concret	e Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0	Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty		
109 P	atched Area	REPAIR observed in 2020 insp: sour long. 2018 report had (6" x 4" x 1/2") rebar on the bottom face at 11ft from	spall with expo		2	1	-	Feet	

Spa	an 11	Beam 7 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 11	Beam 7 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Des	cription		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						
Prestres	ssed Concret	e Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	63	5	o	0 Feet	
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pate	ched Area	sound patch on the bottom face at b	ent 11, 24" wide	x 3 ft.	2	3	Feet	

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Feet

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

Spa	an 11	Beam 8 Nea	ar Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	an 11	Beam 8 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spai	n 11	Beam 9						
Pres	tressed Concre	ete Girder						
Elem Num	ber	Element Name ressed Concrete Open Girder/Beam	Total Qty 68	CS1 Qty 65	CS2 Qty	CS3 Qty	CS4 Qty	Feet
Element Number	Defeat Type	Defect Descript			cs	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 24 f	ft. from bent 10	, 7" wide	2	1		Feet
109	Patched Area	[NEW REPAIR - PATCHING] FORMEI 2ft section up to (7" 1/2" x 2 1/2" x 1/	` , ,		2	2		Feet
(	General Comments		-					

Span 11	1	Beam 9 Near Bear	ring					
Movable	e Bearing							
Element Number		e	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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	

Structure Number: 640013

311 Corrosion up to 10% section loss in the right anchor rod nut

2 1 Each

515 Effectiveness (Steel Failed protection, no longer effective Protective Coatings)

4 1 1 Square Feet

Spai	n 11	Beam 9 Far	Bearing					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
(	General Comments							

Span 1 Compr	ession Seal	Joint at B	ent 10				
Elemen Number	t r	Element Name	Total Qty 54	<b>CS1 Qty</b> 51	CS2 Qty	CS3 Qty	CS4 Qty 0 Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
	ljacent Deck or ader	ADJACENT DECK HEADERS IN SCATTERED CHIPPING TO 1" I LOSS OF ADHESION.			2	3	Feet

Spa	ın 12	Deck						
Reinforced Concrete Deck								
	ment mber	Element Name ed Concrete Deck	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Causana Frank
Elemer Numbe	nt Defeat Tyre	Defect Descripti	6,089 on	5,275	808 CS	CS Qty	Maint Qty	Square Feet
12	Delamination/Spall	spall with no exposed steel on the debent 11 (30" x 4" x 1")	eck bottom in	bay 7 at	3	2	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 debent 11 (14" x 4" x 1")	eck bottom in	bay 7 at	3	2	2	2 Square Feet
12	Delamination/Spall	(10" x 4" x 1/2") spall with on the bott overhang at 1ft from bent 12	tom of the righ	nt	3	1	1	Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WITH N GROOVING 2020 INSPECTION. (2 x 2 1/2" x 2 1/2") spall with no expose the right shoulder	018 INSPECTI	ON) (12"	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 N GROOVING 2020 INSPECTION. (2 x 1 1/2" x 3") spall with no exposed s lane in the shoulder at bent 12	018 INSPECTI	ON) (10"	2	1		Square Feet

ucture	Number: <u>640013</u>			mspec	tion Date: <u>12/20/20</u>
12	Efflorescence/Rust Staining	transverse cracking with surface efflorescence on the deck bottom and in the overhangs	2	800	Square Fee
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 Fee
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WITH NEW OVERLAY AND GROVING 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

	Left Brid	ge Rail				
d Metal Rai	iling					
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Other Bridg	ge Railing	99	92	5	2	0 Feet
ct Type	Defect De	escription		cs	CS Qty	Maint Qty
i	and (7" x 3/4") distortion in the	•		3	2	2 Feet
•	· ·	for the middle rail at p	ost 8.	2	1	1 Feet
- ,			impact	2	4	Feet
•	Other Brid	Element Name Other Bridge Railing  Defect De  (2" x 1 1/2") tear in the east fact and (7" x 3/4") distortion in the the bottom and middle rail  on Missing bolt on the back face Rail is secure.  (48") long by up to (1 1/2") are	Cother Bridge Railing  Other Bridge Railing  Defect Description  (2" x 1 1/2") tear in the east face of post 8 at the bott and (7" x 3/4") distortion in the east face of post 9 b the bottom and middle rail  on  Missing bolt on the back face for the middle rail at p Rail is secure.	Element Name Other Bridge Railing  Defect Description  (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  Missing bolt on the back face for the middle rail at post 8. Rail is secure.  (48") long by up to (1 1/2") area of distortion due to impact	Element Name Other Bridge Railing  Defect Description  CS  (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  Missing bolt on the back face for the middle rail at post 8. Rail is secure.  (48") long by up to (1 1/2") area of distortion due to impact	Element Name Other Bridge Railing  Defect Description  (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  Missing bolt on the back face for the middle rail at post 8.  (48") long by up to (1 1/2") area of distortion due to impact  Total CS1 CS2 CS3 Qty Qty Qtty Qtty Qtty Qtty Qtty Qtty

Spa	n 12		Beam 2	2					
Plat	e Girder								
	ment nber	Steel O	Element Name pen Girder/Beam	<b>Total</b> <b>Qty</b> 97	<b>CS1 Qty</b> 96	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	
515		Steel Pr	otective Coating	1,358	1,358	0	0	0	Square Feet
Elemen Numbe	Dofoct	Туре	Defect	Description		cs	CS Qty	Maint Qty	
107	Corrosion		REPAIR observed in 2020 in repainted, up to 1/16" pittin report had corrosion and pa diaphragm gusset plate in b	g from previous rust. 20 ack rust on the top left	018	2	1	-	Feet
107	Corrosion		REPAIR observed in 2020 in repainted. 2018 report had I steel has initiated.			1			Feet
-	General Com	ments							

Span 12		Beam 3						
Plate Gir	rder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	97	96	1	0	0	Feet
515	Steel P	rotective Coating	1,358	1,358	0	0	0	Square Feet
	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
iuiiibei	Defect Type osion	Defect Desc REPAIR observer in 2020 insp: a repainted. 2018 report had. PM - right web stiffener at bent 12 (6 of (1/16") into the stiffener and up to bottom gusset connection nut	rea has been clea section loss on th 1/2" x 5") by less th	e bottom han	<b>cs</b> 2	CS Qty		Feet

Spa	n 12		Beam 4						
Plat	e Girder								
	ment mber	Steel Op	Element Name en Girder/Beam	<b>Total</b> <b>Qty</b> 97	<b>CS1 Qty</b> 96	CS2 Qty	CS3 Qty 0	CS4 Qty	
515		Steel Pro	tective Coating	1,358	1,358	0	0	0	Square Feet
Elemen	Dofoct	Туре	Defect D	escription		cs	CS Qty	Maint Qty	
107	Corrosion		Section loss on the bottom rig x 5") by less than (1/16") into 75% section loss on bottom g	the stiffener and grea	ater than	2	1		Feet
107	Corrosion		REPAIR observed in 2020 ins repainted. 2018 report had Fresteel has initiated.			1			Feet
	General Com	ments							

Spar	n 12		Beam 5						
Plate	e Girder								
Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam	97	96	1	0	0	Feet
515		Steel Pro	otective Coating	1,358	1,358	0	0	0	Square Feet
Element Number	Dofoct	Туре	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion		REPAIR observed in 2020 insprepainted. 2018 report had. PM left web stiffener at bent 12 (7 into the stiffener and up to 30 gusset connection nut	/I - section loss on th " x 4") by less than (	e bottom 1/16")	2	1		Feet
107	Corrosion		REPAIR observed in 2020 insprepainted. 2018 report had Fre			1			Feet

Span 12		Beam 6					
Plate Girder							
Element Number 107	Element Name Steel Open Girder/Beam	Total e Qty 97	<b>CS1 Qty</b> 96	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	
515	Steel Protective Coating	1,358	1,358	0	0	0	Square Feet
Element Number Defec	et Type	Defect Description		cs	CS Qty	Maint Qty	
107 Corrosion	repainted. 2018 r at bent 12, sectio	d in 2020 insp: area has been cle eport had PM - bottom right web In loss in stiffener (7" x 5" x up to ection loss in bottom diaphragm	stiffener o 1/16")	2	1		Feet
107 Corrosion	REPAINTED			1			Feet

Span 12 Rocker Bearing	Beam 4 No	ear Bearing					
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311 Moval	ole Bearing	1	0	1	0	0	Each
515 Steel	Protective Coating	7	7	0	0	0	Square Feet
Element Number Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
311 Corrosion	REPAIR observed in 2020 insp: and repainted. Bearing has up t previous rust.			2	1	·	Each

Span 12 Rocker B	earing	Beam 5 Ne	ar Bearing					
Element Number	Marrald	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
311 515		e Bearing rotective Coating	1 7	0 7	1 0	0		
Element	Defect Type	Defect Desc REPAIR observed in 2020 insp: and repainted, 2018 report had F	pearing has been cl	eaned	<b>CS</b> 2	CS Qty	Maint Qty	<u>'</u>
Genera	al Comments	bottom face of the top plate (2 1)						

Reir	nforced Concrete	Deck						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	7,626	5,774	1,848	4	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	deck bottom: spall with exposed bent 13 (16" x 4" x 3")	rebar on in bay 4 at 3	Oft from	3	2		2 Square Feet
12	Delamination/Spall	(20" x 2" x 3") spall with no export of girder 4 at 25ft from bent 13		ight side	3	2	:	2 Square Feet

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 efflroescence 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

า 13	Left Bridge	Rail					
Concrete and Metal Railing							
ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other B	ridge Railing	124	123	0	1	0 F	eet
Dofoct Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
Damage	Bottom of rail at post 2 is loose and loading (PAR)	bounces under spa	an	3	1	1	Feet
			PEN, 4'	2			Feet
	nent ber Other B	crete and Metal Railing  lent ber Element Name Other Bridge Railing  Defect Type Defect Descr Damage Bottom of rail at post 2 is loose and loading (PAR)  Cracking (RC and Other) SCATTERED WRAP AROUND CR REINFORCED CONCRETE CURB	crete and Metal Railing  tent Element Name Qty Other Bridge Railing 124  Defect Type Defect Description  Damage Bottom of rail at post 2 is loose and bounces under spaloading (PAR)  Cracking (RC and Other) SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OF INTERIOR CONCRETE CURBING UP TO .03" OF IN	crete and Metal Railing  tent Element Name Qty Qty Other Bridge Railing 124 123  Defect Type Defect Description  Damage Bottom of rail at post 2 is loose and bounces under span loading (PAR)  Cracking (RC and Other) SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OPEN, 4'	crete and Metal Railing  tent Element Name Qty Qty Qty Other Bridge Railing 124 123 0  Defect Type Defect Description CS  Damage Bottom of rail at post 2 is loose and bounces under span loading (PAR)  Cracking (RC and Other) SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OPEN, 4'	crete and Metal Railing  tent Element Name Qty Qty Qty Qty Qty Qty Other Bridge Railing 124 123 0 1  Defect Type Defect Description CS CS Qty  Damage Bottom of rail at post 2 is loose and bounces under span 3 1 loading (PAR)  Cracking (RC and Other) SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OPEN, 4'	crete and Metal Railing  tent ber Element Name Qty Qty Qty Qty Qty Qty Qty Qty Other Bridge Railing 124 123 0 1 0 F  Defect Type Defect Description CS CS Qty Damage Bottom of rail at post 2 is loose and bounces under span 3 1 1  Cracking (RC and Other) SCATTERED WRAP AROUND CRACKS IN THE REINFORCED CONCRETE CURBING UP TO .03" OPEN, 4'

Span 13			Beam 1							
Plate Girder										
Nun	Element Number		Element Name Steel Open Girder/Beam		CS1 Qty	CS2 Qty	Qty	CS4 Qty		
107				369	367	2	0	0 Feet		
515		Steel Pr	otective Coating	5,535	5,535	0	0	0 Square Feet		
	Element Number Defect Type		Defect Desc	Defect Description			CS Qty	Maint Qty	_	
107	Corrosion	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: a repainted. 2018 report had corros face of the bolted field splice in s 13, section loss on the bottom rig by (1/8") into the flange.	sion on the botton span 14 at 20ft from	n right m bent	2	1	Feet		
107	Corrosion		REPAIR observed in 2020 insp: a repainted. 2018 report had corros measureable section loss in both the top flange at bent 15.	sion and scale wit	h no	1		Feet		
107	Distortion		vertical distortion in the bottom f bearing flange plate at bent 15 (a			1	1	Feet		
107	Corrosion		REPAIR observed in 2020 insp: b repainted. 2018 report had corros diaphragm at Bent 13 and pack re	sion and on the er	nd	1		Feet		
107	Corrosion		REPAINTED			1	364	Feet		

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Feet

Corrosion

REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.

**General Comments** 

Spa	n 13	Bea	1 8					
Plat	e Girder							
Elen Nun 107		Element Name Steel Open Girder/Beam	<b>Total</b> <b>Qty</b> 369	<b>CS1 Qty</b> 367	CS2 Qty 2		CS4 Qty	
515		Steel Protective Coating	5,535	5,535	0	0	0	Square Feet
lemen lumbe	Dofoot	Type Def	ct Description		cs	CS Qty	Maint Qty	
107	Corrosion	REPAIR observed in 202 repainted. 2018 report he the bottom right flange a span 14, 20ft from bent into the flange for (1" x bottom flange have corr	d corrosion and section the first bolted field sp 3, section loss less than ') in 2 areas, (3) bolts or	loss on lice in 1 (1/16") 1 the	2	2		Feet
107	Corrosion	•		ith no	1			Feet
107	Corrosion	REPAIR observed in 202 repainted. 2018 report h steel has initiated.	•		1			Feet

Span 13			Beam 4 Near Bear	ring					
Rocker E	Bearing								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=
311	Movable	e Bearing		1	0	1	0	0	Each
515	Steel P	rotective Coating		7	7	0	0	0	Square Feet
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
311 Corr	osion	Section loss on the 1/8" into the plate)	e bottom face of the to	p plate (8"	x 1" x	2	1		Each
Gener	ral Comments								

Span 13		Beam 5 N	lear Bearing					
Rocker E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movabl	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	7	7	0	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311 Corr	osion	painted. 2018 report had PM- s	in 2020 insp: area has been cleaned and ort had PM- section loss in the bottom te (10" x 1" x 1/8" into the plate)			1		Each

Spa	n 13	Beam 6 Ir	ntermediate Bear	ing 1				
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Mova	ble Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	10	10	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
311	Connection	LEFT FAR ANCHOR NUT IS NO APPROXIMATELY 3/4" ABOVE	•		2	1		1 Each
311	Corrosion	REPAIR observed in 2020 insp and repainted. 2018 report had the steel has initiated.			1			Each

Span 1 Compr	3 ession Seal	Joint at Ber	nt 12					
Elemen Numbe 302	r	Element Name ession Joint Seal	Total Qty 54	CS1 Qty 44	CS2 Qty	CS3 Qty 0	<b>CS4</b> <b>Qty</b> 10	- eet
Element Number	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	
302 Se	eal Adhesion	SCATTERED ALONG THE LENGT ADHESION UP TO FULL DEPTH A CHIPPING IN THE ADJACENT DE WIDE	AND SCATTERED I	EDGE	4	10	10	Feet
Ger	neral Comments							

Spar	n 14	Deck									
Reinforced Concrete Deck											
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
12	Reinford	ed Concrete Deck	7,565	6,040	1,505	20	0 S	quare Feet			
Element Number	Dofoot Typo	Defect Descr		cs	CS Qty	Maint Qty					
12	Delamination/Spall	spall with exposed rebar on the d from Bent 13 (48" x 4" x 1/2")	spall with exposed rebar on the deck bottom in bay 5 at 30f from Bent 13 (48" x 4" x 1/2")					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").								
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					Square Feet			
12	Delamination/Spall	spall with no exposed steel on the girder 5 at 35ft from Bent 14 (24")		bay 4 at	3	2	2	Square Feet			
12	Delamination/Spall	(x2) spalls with no exposed steel 2 at girder 2 at 40ft from Bent 14 t			3	4	4	Square Feet			
12	Delamination/Spall	spall with no exposed steel on the girder 4 at 40ft from Bent 14 (18")		bay 3 at	3	2	2	Square Feet			
12	Delamination/Spall	spall with no exposed steel on the girder 4 at 60ft from Bent 13 (18")		bay 3 at	3	2	2	Square Feet			
12	Delamination/Spall	spall with no exposed steel on the girder 3 at 40ft from Bent 14 (12")		bay 3 at	3	1	1	Square Feet			
12	Delamination/Spall	spall with exposed rebar in bay 7 4" x 1/4")	at 6ft from bent 1	3 (18" x	3	2	2	Square Feet			
12	Patched Areas	[NEW REPAIR - EPOXY OVERLAY 6' x 6' AREA AT EAST END IN EAST TO 12" DIAMETER x 1/4" DEEP SI DUE TO VEHICLE FIRE	STBOUND LANES	S HAS 2"	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
	<b>General Comments</b>				

Spai	n 15	Deck						
Rein	forced Concrete	Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	7,626	6,124	1,501	1	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	deck bottom: spall with no expose 15 (9" x 6" x 3")	eck bottom: spall with no exposed steel in bay 3 at bent 5 (9" x 6" x 3")					1 Square Feet
12	Efflorescence/Rust Staining	transverse cracking with surface bottom and overhangs and at de			2	1,500		Square Feet
12	Patched Areas	DECK RECENTLY REPAIRED WI GROOVING 2020 INSPECTION. 7" x 1/2") spall with exposed reba 42ft from bent 15 and 10ft from the	(2018 INSPECT ar in the right EB I	ION) (9" x	2	1		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERLA abrasion and wear on the deck s aggregate still in place	•		1			Square Feet
12	Cracking (RC and Other)	DECK RECENTLY REPAIRED WI GROOVING 2020 INSPECTION. multiple transverse cracks up to	(2018 INSPECT		1			Square Feet

Spa	Span 15			ridge Rail					
Co	ncrete	and Metal F	Railing						
	ement imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333		Other B	ridge Railing	124	117	7	0	0	Feet
Eleme Numb		Defect Type	Defect	Description		CS	CS Qty	Maint Qty	
333	Crac Othe	king (RC and r)	SCATTERED WRAP AROU! UP TO .03" OPEN, 4' TO 16'		ECTION	2			Feet
333	Disto	ortion	(84" x 3 1/2") impact damag bent 14	ge to the bottom rail at 3	8ft from	2	7		Feet
	Gener	al Comments							

Span 16	3	Deck						
Reinford	ced 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
<b>General Comments</b>				

Spar	า 16	Left Bridg	e Rail					
Con	crete and Metal	Railing						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	138	129	9	0	0 F	-eet
515	Steel F	Protective Coating	30	30	0	0	0 \$	Square Feet
Element Number	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
333	Connection	Missing bolt at the back side at at post 8. Rail is secure.	tachment for the mi	ddle rail	2	1	1	Feet
333	Distortion	8ft of impact damage to the bot	tom rail at the parki	ng area	2	8		Feet

Span	16	Right Brid	lge Rail					
Conc	rete and Metal I	Railing						
Eleme Numb	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	138	137	0	1	0	Feet
515	Steel P	rotective Coating	30	30	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
333 C	Corrosion	[PROMPT ACTION REQUEST] AT TOP RAIL AT THE WEST END HE THE TOP AND SIDE AT THE COLONG IN THE TOP AND UP TO SIDES	HAS CORROSION HO DRNER UP TO 5" WIE	DLES IN DE X 4"	3	1		1 Feet
Ge	eneral Comments							

Spa	n 16	Bean	n 1					
Plat	e Girder							
	ment nber	Element Name teel Open Girder/Beam	Total Qty 134	CS1 Qty 6	<b>CS2</b> <b>Qty</b> 126	CS3 Qty 2	CS4 Qty 0 F	eet
515	Si	teel Protective Coating	2,278	2,117	160	0	1 S	quare Feet
Elemen	Dofoot Tv	pe Defe	ect Description		cs	CS Qty	Maint Qty	
107	Corrosion	PRIORITY MAINTENANCE both faces: section loss of brace beam at the web (7 up to 75% section loss of the east face and up to 10 the west face; up to 100% web plate on the west face by up to (1/16") into the v (PM)	on the bottom flange/plate " x 1 3/4") with (11/16") re n (x1) nut on the bottom p 00% section loss on (x2) n section loss in the wel	e of the emaining; plate on nuts on so on the o (9" x 4")	3	2	-	Feet
107	Corrosion	Freckled rust, corrosion of beam and all members in		on the	2	125		Feet
107	Corrosion	REPAIR observed in 2020 repainted, freckled rust h had PRIORITY MAINTEN, at the WB parking area of 2") with (1/2") remaining similar at this location.	as started to appear. 2016 ANCE - Brace Beam 2 at s n the top flange: section I	8 report stringer 3 oss (2" x	2			Feet
107	Corrosion	[PROMPT ACTION REQU STRINGER 3 AT THE WE THE TOP FLANGE, SECT REMAINING] IN A 2" X 2" FLANGE.	STBOUND PARKING ARE ION LOSS [AVERAGE 1/2	2"	2	1		Feet
107	Corrosion	REPAIR observed in 2020 repainted. 2018 report ha East Face: pack rust on k with no measureable sec	d Bracket 4 at WB Parkin oottom flange and in web	g Area of beam	1			Feet
107	Corrosion	[NEW REPAIR - NUTS RE PRIORITY MAINTENANC both faces: section loss of brace beam at the web (7 up to 100% section loss of both faces; active corros loss web on both faces (I	E - Bracket 1 at WB Parking the bottom flange/plate " x 1 3/4") with (11/16") re on (x2) nut on the bottom ion with no measureable	ng Area e of the emaining; plate on section	1			Feet
107	Corrosion	REPAIR observed in 2020 repainted. 2018 report ha measureable section loss web at bent 15.	d corrosion and scale wit	h no	1			Feet
107	Corrosion	REPAIR observed in 2020 repainted. 2018 report habetween brace 3 and 4: to corrosion with (1/8") pitti length.	d WB Parking Area string op right flange with active	jer 3	1			Feet
107	Corrosion	REPAIR observed in 2020 repainted, the 3 nuts and report had PRIORITY MA Parking Area West Face: flange/plate of the brace (9/16") remaining (west fa loss on (x3) nuts on the k measureable section loss the web of the beam; sec plate (8" x 1 1/2") by (1/16	bolts have been replaced INTENANCE - Bracket 3 a section loss on the botto beam at the web (7" x 1 3 ace similar); up to 100% so totom flange; corrosion is on both sides of the bration loss on the bottom o	d. 2018 t WB m /4") with ection with no cket in	1			Feet
515	Effectiveness (	Steel PROTECTIVE COATING F			4	1	1	Square Feet
515	Effectiveness ( Protective Coa	(Steel Substantially effective, fr		and all	2	160	160	Square Feet

Span 16	pan 16							
Plate Gire	der							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	134	131	1	2	0	Feet
515	Steel Pr	rotective Coating	2,278	2,278	0	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
107 Corro			web at bent 15 due t 16") remaining, sec been cleaned and re	to tion loss epainted.	3	2		2 Feet
107 Corro	Corrosion 1/8" section loss on the bottom face the bent 15 bearing up to 1" wide x 1 remaining, area has been cleaned ar		de x 10" long with 3	-	2	1		Feet
107 Corrosion REPAIR observed in 2020 in repainted. 2018 report had F steel has initiated.		REPAIR observed in 2020 insp			1			Feet

Spa	n 16	Beam 5						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty			
107	Steel Op	oen Girder/Beam	134	133	0	1	0	Feet
515	Steel Pr	otective Coating	2,278	2,277	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] - and platform connection at ben loss on platform nut on the bot on the stiffener, web, flange and measurable section loss	t 15: up to 100% setom flange; active o	ection corrosion	3	1		1 Feet
107	Corrosion	REPAINTED			1			Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effort	ective		4	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	REPAINTED			1			Square Feet
_	General Comments							

Span	16		Beam 8						
Plate	Girder								
Eleme Numb		E	lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Gir	der/Beam	134	129	5	0	0	Feet
515		Steel Protective	e Coating	2,278	2,278	0	0	0	Square Feet
Element Number	Defect 1	уре	Defect De	scription		cs	CS Qty	Maint Qty	
107 (	Corrosion		ace corrosion and with pa platform attached to the be			3		:	3 Feet
Area angle at botto		DMPT ACTION REQUEST] angle at bottom of railing ") into the angle and 100%	, section loss on pla	ite up to	3			1 Feet	

clure	Number: <u>640013</u>			mspec	tion Date: <u>12/20/</u>
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

Spa	an 16	Bear	m 1 Far Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	14	10	4	0	0	Square Feet
Elemer Numbe	Defect Type	Def	ect Description		cs	CS Qty	Maint Qty	
311	11 Corrosion Freckled rust, corr similar at this sam		of the steel has initiated tion)	(others	2	1		Each
515	515 Effectiveness (Steel Substantially effective Coatings)		reckled rust.		2	4	4	Square Feet
	<b>General Comments</b>							

Spa	n 16	Beam 3 Ne	ar Bearing					
Fixe	ed Bearing							
Elen Nun 313	nent nber Fixed E	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0	Each
515		rotective Coating	5	4	1	0	-	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	freckled rust has initiated			2	1		Each
313	Corrosion REPAIR observed in 2020 insp: area has bee repainted. 2018 report had PM - section loss of the masonry plate (1 1/2" high x 1/8" deep plate width		section loss on the b	oottom	1			Each
515	Effectiveness (Steel Protective Coatings		fail		2	1	1	1 Square Feet

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Effectiveness (Steel REPAINTED Protective Coatings) Square Feet **General Comments** 

Span 1	16	Beam 4 N	lear Bearing					
Fixed	Bearing							
Elemer Numbe		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 De	scription		cs	CS Qty	Maint Qty	
313 Co	orrosion	•	PAIR observed in 2020 insp: area has been cleaned and ainted. 2018 report had PM- section loss on the top plate x 1" x 1/8" into the plate)		2	1		Each
313 Co			: bearing has been cl corrosion and scale		1			Each

n 16		Beam 5 Ne	ear Bearing					
d Bearing								
nent iber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
	Fixed Be	earing	1	0	1	0	0	Each
	Steel Pro	otective Coating	5	5	0	0	0	Square Feet
Defect	Туре	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion		Section loss in the top plate (18	" x 1" x 1/16" into th	e plate)	2	1		Each
and repainted. 201					1			Each
	d Bearing nent ber  Defect Corrosion	d Bearing nent ber Fixed Be Steel Pr  Defect Type Corrosion	nent ther Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Desc Corrosion Section loss in the top plate (18) REPAIR observed in 2020 insp: and repainted. 2018 report had o	tent Element Name Qty Fixed Bearing 1 Steel Protective Coating 5  Defect Type Defect Description  Corrosion Section loss in the top plate (18" x 1" x 1/16" into the Corrosion REPAIR observed in 2020 insp: bearing has been claimed and repainted. 2018 report had corrosion and scale	tent Blement Name Cty Qty Qty Fixed Bearing 1 0 Steel Protective Coating 5 5  Defect Type Defect Description  Corrosion Section loss in the top plate (18" x 1" x 1/16" into the plate)  REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had corrosion and scale with no	tent Element Name Qty Qty Qty Fixed Bearing 1 0 1 Steel Protective Coating 5 5 0  Defect Type Defect Description CS  Corrosion Section loss in the top plate (18" x 1" x 1/16" into the plate) 2  Corrosion REPAIR observed in 2020 insp: bearing has been cleaned and repainted. 2018 report had corrosion and scale with no	tent Element Name Qty	tent Element Name Qty

Spa	ın 16	Joint at B	ent 15					
Fing	ger Joint							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
305	Assemb	oly Joint without Seal	54	0	54	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
305	Metal Deterioration of Damage	terioration or FINGER PLATE JOINT HAS ELEVATION CHANGE 1/8" FROM SPAN 15 TO SPAN 16.			2	54	Feet	
•	General Comments							

ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	
12	Reinforced Concrete Deck		1,892	1,872	19	1	0	Square Feet
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Deck							
Span 1	7	Deck						

Structure	Number: <u>640013</u>			Inspe	ction Date: <u>12/20/2021</u>
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

Number	Defect Type tortion	Defect Des 8ft of impact damage to the raili	•		<b>CS</b> 2	CS Qty 8	Qty	Feet
lement	5.4.7	5.4.5					Maint	
515	Steel Pr	otective Coating	154	154	0	0	0	Square Feet
330	Metal Br	ridge Railing	31	23	8	0	0	Feet
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel R	ail							
Span 17	7	Median Ra	il					

General	Comments
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Spai	n 17	WEST TO	OWER NORTH					
Stee	el Truss Pane	)						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120	S	teel Truss	31	29	1	1	0 Feet	
515	S	teel Protective Coating	12,000	12,000	0	0	0 Square I	Feet
Element Number	Dofoct Tv	pe Defect De	escription		cs	CS Qty	Maint Qty	
120	Cracking	WEST TOWER: RUST LEACHI CRACK SOUTH FACE IN BRAINSPECTION REQUESTED.			3	1	1 Feet	
120	Damage	SPALL 8" X 8" X 3/4" DEEP AT FLOORBEAM 1.	STRINGER 8 AND		2	1	1 Feet	
120	Patched Area	HORIZONTAL AT NORTH EAS 4" X 3/8" ANGLE REPAIR TO E BEGININNG 1' FROM NORTHE	AST FACE AND BO		1		Feet	
(	General Comme	ents						

Spa	an 17	WEST TOW	ER SOUTH					
Ste	el Truss Panel							
	ment mber Steel Tru	Element Name	Total Qty 31	<b>CS1 Qty</b> 28	CS2 Qty	CS3 Qty 3	CS4 Qty	-eet
515		tective Coating	12,000	11,999	0	0	-	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
120	Cracking	FOURTH HORIZONTAL BEAM INS ALONG BOTTOM SEAM, 2' LONG	IDE FACE HAS C	RACKING	3	2	2	Feet
120	Corrosion	[PROMPT ACTION REQUEST] IN E HORIZONTAL AT SOUTHEAST LE HOLES UP TO 1/2" DIAMETER.			3	1		Feet
515	Effectiveness (Steel Protective Coatings)	IN BOTTOM OF FIRST HORIZONT. CORROSION WITH HOLES UP TO			4	1	1	Square Feet
	General Comments							

Spa	ın 17			Floor Beam 1						
WT	ype Stee	l Floor Be	eam							
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152		Steel Flo	or Beam		62	56	6	0	0	Feet
515		Steel Pro	tective Coating		1,112	1,106	0	0	6	Square Feet
lemen lumbe	Dofo	ct Type		Defect Description			cs	CS Qty	Maint Qty	
152	Corrosion	Corrosion surface corrosion end similar)		on the top flange at the left end (right		(right	2	6		Feet
515		ess (Steel Coatings)	Limited effectivene steel has initiated	ess, coating failing and	l corrosio	n of the	4	6	(	Square Feet
-	General Co	mments								

C	47	Floor Poor	<b>0</b>					
Spa	ın 17	Floor Bear	n Z					
W T	ype Steel Floor Be	am						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Flo	or Beam	62	52	10	0	0 F	eet
515	Steel Pro	tective Coating	1,112	1,106	0	0	6 9	Square Feet
Elemer	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
152	Corrosion	surface corrosion on the top flat end similar)	nge at the left end	(right	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	
		CONNOCION ANNECTED AT LA						
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating fa steel has initiated		n of the	4	6	6	Square Feet

Span 17		String	ger 1					
W Beam	Stringer							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
113	Steel St	ringer	26	25	1	0	0	Feet
515	Steel Pr	rotective Coating	202	202	0	0	0	Square Feet
ement umber	Defect Type	Defe	ct Description		cs	CS Qty	Maint Qty	
113 Conn	ection	DECK IS LEACHING MOIS FLANGES AND WEB.	TURE AND STAINS ON TO	)	2	1		1 Feet
Genera	al Comments							

Span 18	3	Deck						
Steel De	eck 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
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

ıcture	Number: <u>640013</u>			Inspe	ection D	ate: <b>12/20/20</b>
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 Fee
28	Connection	LOOSE DECKING BETWEEN FLOOR BEAMS 8 & 9 IN EASTBOUND LANES	2	5	5	Square Fee
28	Damage	BROKEN/BENT SECTIONS OF OPEN GRID DECKING IN RIGHT WESTBOUND LANE 12' EAST OF FLOOR BEAM 6	2	1		Square Fee
28	Connection	DECK ELEVATION DIFFERENCE 1/2" OVER FLOORBEAM 1.	2	50	50	Square Fe
28	Connection	LOOSE DECKING BETWEEN FLOOR BEAMS 10 & 11 IN WESTBOUND LANES	2	5	5	Square Fe
28	Connection	LOOSE PANEL IN RIGHT LANE ON EASTBOUND SIDE NEAR FLOOR BEAM 6	2	5	5	Square Fe
28	Connection	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) LOOSE DECKING AT FLOOR BEAM 1 IN WESTBOUND LANES	1			Square Fe
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 Fe
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 Fe
28	Connection	NEW METAL DECK IN PLACE 2020, (2018 INSPECTION) LOOSE DECKING AT FLOOR BEAM 4 IN WESTBOUND LANES	1			Square Fe
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 Fe
515	Damage	PROTECTIVE COATING MISSING AT AREA OF DECKING LOSS	4	1		Square Fe

Span 18 Steel Tr	uss Panel	Truss Pa	nel 1					
Element Number 120	Steel Tru	Element Name	Total Qty 408	<b>CS1 Qty</b> 408	CS2 Qty	CS3 Qty	CS4 Qty	Feet
515	Steel Pro	tective Coating	25,355	25,335	0	0	20	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
	ectiveness (Steel tective Coatings)	~1"W x 2"L SCRAPES ALONG OF LOWER CHORDS w/ SURF EXPOSED STEEL - SCATTERE	ACE RUST FORMIN		4	20	2	0 Square Feet

Spa	an 18		Truss Panel 2					
Ste	el Truss Panel							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120	Stee	el Truss	408	408	0	0	0	Feet
515	Stee	el Protective Coating	25,355	25,335	0	0	20	Square Feet
Elemen Numbe	Dofoot Type	•	Defect Description		cs	CS Qty	Maint Qty	
515	Effectiveness (Si Protective Coatin	ngs) OF LOWER CHORE	PES ALONG BOTTOM OUTSID DS w/ SURFACE RUST FORMI SCATTERED THROUGHOUT		4	20	2	0 Square Feet
	General Comment	ts						

Span	18	Left Bridge	Rail					
Steel	Rail							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bri	dge Railing	413	223	190	0	0 F	eet
515	Steel Pro	tective Coating	2,000	1,950	0	0	50 S	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
330	Damage	IMPACT DAMAGE/SCRAPES ON ASSOCIATED SURFACE CORRO		4	2	40	40	Feet
330	Distortion	RAIL IS BOWED AND MISALIGN SPAN.	ED FULL LENGTH	OF	2	70		Feet
330 [	Damage	IMPACT DAMAGE/ SCRAPES BE WITH ASSOCIATED SURFACE C		ID L5-U5	2	80	80	Feet
	Effectiveness (Steel Protective Coatings)	SCRAPES ON CURB UP TO 1"W THROUGHOUT W/ SURFACE RU EXPOSED STEEL			4	50	50	Square Feet

**General Comments** 

Spa	n 18	Right Brid	lge Rail					
Ste	el Rail							
	ment mber Me	Element Name etal Bridge Railing	Total Qty 413	<b>CS1 Qty</b> 403	<b>CS2</b> <b>Qty</b> 10	CS3 Qty 0	<b>CS4</b> <b>Qty</b> 0 F	eet
515	Ste	eel Protective Coating	2,000	1,950	0	0	50 S	Square Feet
Elemen Numbe	Dofoct Typ	pe Defect Des	cription		cs	CS Qty	Maint Qty	
330	Damage	IMPACT DAMAGE TO RAIL AT BOTTOM RAIL BOWED ~1" TO 1/2' OF FENCE POST BENT APPEAST	THE SOUTH - BOT	ГОМ 2-	2	10	10	Feet
515	Effectiveness (\$ Protective Coat				4	50	50	Square Feet
	General Commer	nts						

В	L0L1 NO	RTH					
russ Bottom C	Chord						
Steel P	Element Name rotective Coating	Total Qty 540	<b>CS1 Qty</b> 540	CS2 Qty	<b>CS3 Qty</b> 0	Qty	
Primary	Steel Truss Member	34	32	2	0	0	Feet
Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
rrosion	BEEN BOLTED OVER THE AR WIDE X 3/8" THICK. 2018 REP	REA, 6 FOOT. LONG X ORT HAD 3" WIDE AR	17.5" EA OF	2	2	·	Feet
	Steel P Primary  Defect Type	Element Name Steel Protective Coating Primary Steel Truss Member  Defect Type Trosion REPAIR OBSERVED IN 2020 I BEEN BOLTED OVER THE AR WIDE X 3/8" THICK. 2018 REP	Primary Steel Truss Member 34  Defect Type Defect Description  REPAIR OBSERVED IN 2020 INSP: A STEEL PLATE BEEN BOLTED OVER THE AREA, 6 FOOT. LONG X WIDE X 3/8" THICK. 2018 REPORT HAD 3" WIDE AR	Element Name Steel Protective Coating Primary Steel Truss Member  Defect Type  Total Qty Qty Steel Protective Coating 540 540 540 32	Total CS1 CS2  Element Name Qty Qty Qty Steel Protective Coating 540 540 0  Primary Steel Truss Member 34 32 2  Defect Type Defect Description CS  Trosion 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	Element Name Steel Protective Coating  Defect Type  Defect Type  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	Element Name  CS1 CS2 CS3 CS4 Qty

	L1L2 NOF	RTH					
3ottom C	Chord						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Steel Pr	rotective Coating	540	540	0	0	0	Square Feet
Primary	Steel Truss Member	34	32	0	0	2	Feet
ct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
ı	REMAINING ON THE AREA AL	ONG BOTTOM AND	INSIDE	4	2	·	2 Feet
	Steel Pi	Element Name Steel Protective Coating Primary Steel Truss Member  ct Type Defect Defec	Element Name Qty Steel Protective Coating 540 Primary Steel Truss Member 34  ct Type Defect Description 18"LONG x 2"WIDE x 1/4"DEEP SECTION LOSS WITH REMAINING ON THE AREA ALONG BOTTOM AND INFACE, ON WEST SIDE OF L2 - CLEANED AND PAIN	Element Name Steel Protective Coating Primary Steel Truss Member  Defect Description  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,	Element Name  Steel Protective Coating  Primary Steel Truss Member  Defect Description  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,	Element Name  Ct Type  Defect Description  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,  Total CS1 CS2 CS3 Qty	Element Name  Ct Type  Defect Description  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,  Total CS1 CS2 CS3 CS4 Qty

Spai	n 18	L3L4 NORT	Н					
Stee	el Truss Bottom Cl	nord						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	540	537	0	0	3 5	Square Feet
910	Primary 9	Steel Truss Member	34	31	1	2	0 F	eet
Element Number	Dofoct Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	2"W SCRAPE ACROSS BOTTOM SURFACE RUST ON EXPOSED ST	_	1	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AT L4	AROUND BOTTON	I PLATE	4	2	2	Square Feet
910	Corrosion	UP TO 1/4" PACK RUST ON NORT BOTTOM PLATE AT SPLICE CON SIDE OF L4.			3	2	2	Feet
910	Corrosion	PITTED AREA ON BOTTOM OF CI AT L4 BOTTOM PLATE - CLEANE		1/8"D	2	1		Feet

Spar	n 18	L5L6 NO	RTH					
Stee	l Truss Bottom Cl	nord						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	540	535	0	0	5 \$	Square Feet
910	Primary S	Steel Truss Member	34	29	3	2	0 1	eet
Element Number	Defeat Type	Defect De	escription		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 FAILI	NG AROUND BOTTON	/I PLATE	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILI AT L6	NG AROUND BOTTON	/I PLATE	4	1	1	Square Feet
910	Corrosion	1/2" PACK RUST w/ ACTIVE C GUSSET PLATE ON WEST SII		OM	3	1	1	Feet
910	Corrosion	7"L x 1-1/2"W x 3/16"D PITTTE CHORD AT L6 - WEST SIDE O GUSSET - CLEANED AND PA	F BOTTOM LATERAL	l OF	3	1	1	Feet
910	Corrosion	PITTED AREA UP TO 6"W x 1/2 CHORD ON EAST SIDE OF L5 AND PAINTED			2	1		Feet
910	Corrosion	IN BOTTOM AT MID-LENGTH	SURFACE RUST.		2	2		Feet

**General Comments** 

Span 18		L6L7 No	ORTH					
Steel Trus	ss Bottom C	Chord						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pi	rotective Coating	540	540	0	0	0	Square Feet
910	Primary	Steel Truss Member	34	33	0	1	0	Feet
Element Number	Defect Type	Defect I	Description		CS	CS Qty	Maint Qty	
910 Corro	sion	15"W x 4"L PITTED AREA UI CHORD AT L6 - CLEANED A		M OF	3	1	-	1 Feet

**General Comments** 

Spa	an 18	L8L9 NOR	TH					
Ste	el Truss Bottom C	hord						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	otective Coating	540	539	0	0	1	Square Feet
910	Primary	Steel Truss Member	34	33	0	1	0	Feet
Elemei Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	6"L x FULL WIDTH SECTION OF FAILURE ON BOTTOM OF CHO SURFACE RUST ON EXPOSED	RD NEAR MID SPAN		4	1	,	1 Square Feet
910	Corrosion	AT L8 1/2" PACK RUST BETWE AND CHORD - NORTH AND SO		E PLATE	3	1	•	1 Feet
	General Comments							

Spa	an 18	L9L10 No	ORTH					
Ste	el Truss Bottom (	Chord						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective Coating	540	539	0	0	1	Square Feet
910	Primary	Steel Truss Member	34	32	2	0	0	Feet
Elemen Numbe	Dofoct Typo	Defect De	escription		CS	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings				4	1		1 Square Feet
910	Corrosion	1-1/2"H x 24"L x 1/8"D PITTED CORNER AT L10 - CLEANED		NSIDE	2	2		Feet

Span 1	8	L10L11 NO	ORTH					
Steel T	russ Bottom C	Chord						
Elemen Numbe	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective Coating	540	540	0	0	0	Square Feet
910	Primary	Steel Truss Member	34	33	0	0	1	Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
910 Co	orrosion	OBSERVED IN 2020 INSP: BOTT 4"L x 12"W PITTED AREA UP TO REMAINING SECTION) w/ 1-1/2" 1/2"L CRACK PROPAGATING F PAR ISSUED.	O 1/4"D (APPROX. 3 L x 3/16"W HOLE A	8/16" AND 1-	4	1		1 Feet

**General Comments** 

Spa	n 18	L11L12 NOR	ТН					
Stee	el Truss Bottom Cl	hord						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	540	532	0	0	8	Square Feet
910	Primary S	Steel Truss Member	34	17	0	0	17	Feet
Elemen Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING IN ACROSS TOP OF CHORD	I AREAS SCATT	ERED	4	5	:	5 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING APPORTAL AT L12.	ROUND BOTTO	М	4	3	;	3 Square Feet
910	Corrosion	OBSERVED IN 2020 INSP: PITTED A DIAMETER x 1/4"D SCATTERED TH CHORD - ACTIVE CORROSION PRE THESE AREAS, PAR ISSUED.	ROUGHOUT TO	POF	4	15	:	5 Feet
910	Corrosion	OBSERVED IN 2020 INSP: 2"WIDE: BOTTOM PORTAL AT L12 REDUCE LOSS TO 1" AREAS AT EDGE - AC PRESENT, PAR ISSUED.	D TO 1/16" w/ 10	00%	4	2		2 Feet

Span 18	1	U6U	7 NORTH					
Steel Tr	uss Top Chor	d						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pr	otective Coating	540	540	0	0	0	Square Feet
910	Primary	Steel Truss Member	35	34	0	1	0	Feet
Element Number	Defect Type	Def	ect Description		CS	CS Qty	Maint Qty	
910 Cor	rosion	CLEANED AND PAINTED	CTION LOSS CURRENTLY O WITH 1/4" REMAINING TO CTION. TO U6 VERTICAL		3	1		Feet
Gono	ral Comments							

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n 18	L0U1 NOR	TH					
l Truss Diagonal							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Prof	ective Coating	540	539	0	0	1	Square Feet
Primary S	teel Truss Member	51	50	1	0	0	Feet
t Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Effectiveness (Steel Protective Coatings)		ABOVE BRIDGE DE	CK WITH	4	1	-	1 Square Feet
Corrosion		ABOVE BRIDGE DE	CK WITH	2	1		Feet
	Steel Protective Coatings)	I Truss Diagonal  Thent Ther Ther Ther Ther Ther Ther Ther Ther	I Truss Diagonal  Total Ober Element Name Qty Steel Protective Coating 540 Primary Steel Truss Member 51  Defect Type Defect Description  Effectiveness (Steel Protective Coatings) SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DE SURFACE RUST. SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DE SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DE SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DE	I Truss Diagonal  Total CS1  Defect Type Corrosion  CS1  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH  STORY SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH	I Truss Diagonal  Total CS1 CS2  Qty Qty Qty  Steel Protective Coating 540 539 0  Primary Steel Truss Member 51 50 1  Defect Type Defect Description CS  Effectiveness (Steel Protective Coatings)  Corrosion SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 4  SURFACE RUST.  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 2	I Truss Diagonal  Total CS1 CS2 CS3  ther Element Name Qty Qty Qty Qty Qty  Steel Protective Coating 540 539 0 0  Primary Steel Truss Member 51 50 1 0  Defect Type Defect Description CS CS Qty  Effectiveness (Steel Protective Coatings) SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 4 1  SURFACE RUST.  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 2 1	I Truss Diagonal  Total CS1 CS2 CS3 CS4  ther Element Name Qty Qty Qty Qty Qty Qty  Steel Protective Coating 540 539 0 0 1  Primary Steel Truss Member 51 50 1 0 0  Defect Type Defect Description CS CS Qty  Effectiveness (Steel Protective Coatings) SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 4 1  SURFACE RUST.  SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH 2 1

515 Steel Protective Coating		<b>540</b>					•
		540	538	2	0	0	Square Feet
910 Primary Steel Truss Memb	er	56	56	0	0	0	Feet
lement lumber Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Spa	ın 18	L0L1 SOUTH	1					
Ste	el Truss Bottom Cl	nord						
	ment mber Steel Pro	Element Name tective Coating	Total Qty 540	<b>CS1 Qty</b> 536	CS2 Qty	CS3 Qty 0	CS4 Qty 4 Square Feet	
910	Primary S	Steel Truss Member	34	28	6	0	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING APPORTAL AT LO - ACTIVE CORROS		Л	4	4	4 Square Fe	eet
910	Corrosion	REPAIR OBSERVED IN 2020 INSP BEEN BOLTED OVER THE AREA, X 3/8" THICK. 2018 REPORT HAD 1" IN DIAMETER AROUND BOTTO ACTIVE CORROSION PRESENT -	6 FT. LONG X 17.9 MULTIPLE HOLES M PORTAL AT LO	5" WIDE S UP TO	2	6	Feet	
	General Comments							-

Span 18	3	L3L4 SOUTH						
Steel Tr	russ 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
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

1 Feet

910 Corrosion UP TO 1/2" PACK RUST ALONG NORTH AND SOUTH SIDES 3

OF BOTTOM PLATE.

Spa	an 18	L4L5 SOU	ГН					
Ste	el Truss Bottom Cl	nord						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	540	538	0	0	2	Square Feet
910	Primary	Steel Truss Member	34	33	1	0	0	Feet
Elemer	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AT BOTTOM GUSSET CONNECT ENDS		_	4	2	·	2 Square Feet
910	Corrosion	8"L x 3/4"W x 1/8"D PITTED ARE INSIDE BOTTOM EDGE OF CHO LOWER GUSSET - CLEANED AN	RD ON WEST SIDE		2	1		Feet
	<b>General Comments</b>							

Span 18		L5L6 SOU	ТН					
Steel Trus	ss Bottom Chord							
Element Number	Elemei	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coa	ing	540	540	0	0	0	Square Feet
910	Primary Steel Truss	Member	34	28	6	0	0	Feet
Element Number D	efect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
910 Damag	ge IMPACT D	AMAGE REPAIR TO	CHORD AT L6		2	6	-	Feet

Number D	cicot Type							-	
lement _	efect Type		efect Description			cs	CS Qty	Maint Qty	
910	Primary	/ Steel Truss Member		34	33	1	0	0	Feet
Element Number 515	Steel P	Element Name rotective Coating		Total Qty 540	<b>CS1 Qty</b> 540	<b>CS2</b> <b>Qty</b> 0	<b>CS3 Qty</b> 0	CS4 Qty	

Span 18		L7L8 SOUTH						
Steel Tr	uss 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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspec	ction Date: <u>12/20/2021</u>
515	•	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** 

Spar	n 18	L8L9 SOU	тн					
Stee	l Truss Bottom Cl	nord						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	540	538	0	0	2	Square Feet
910	Primary S	Steel Truss Member	34	33	0	1	0	Feet
lement lumber	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING AT EAST AND WEST ENDS AR			4	2		2 Square Feet
910	Corrosion	4"W x 2"L x 3/16"D PITTED ARE AT BOTTOM LATERAL GUSSET AND PAINTED			3	1		1 Feet
7	General Comments							

Span 18	3		L0U0 SOUTH						
Steel Tr	uss Vertical								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective 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 Coi	nnection	(2) MISSING BOLTS BEARING (PAR)	S AT BOTTOM OF EA	ST GUSSE	TAT	4	1	1	Feet

Span 18	L8U8 SOUTH

Steel Tru	uss Vertical							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective Coating	440	440	0	0	0	Square Feet
910	Primary	Steel Truss Member	46	45	0	1	0	Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
910 Corr	rosion	12" LONG AREA OF SECTION ATTACHED TO U8 VERTICAL I REMAINING.,			3	1	·	Feet

**General Comments** 

Spa	n 18	L9U9 S	SOUTH					
Stee	el Truss Vertical							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	420	419	0	0	1	Square Feet
910	Primary 9	Steel Truss Member	45	44	1	0	0	Feet
lemen	Dofoct Typo	Defect	Description		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	SOUTH FLANGE EAST SIDE 18" X 6" AREA.	E NEAR U8 FRECKLED	RUST	4	1	-	1 Square Feet
910	Corrosion	SOUTH FLANGE EAST SIDE 18" X 6" AREA.	E NEAR U8 FRECKLED	RUST	2	1		Feet
-	General Comments							

Span 18 Steel Ti	8 russ Vertical	L12U1	2 SOUTH					
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective 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 Co	nnection	2 MISSING BOLTS AT THE GUSSET AT BEARING. (PA			4	2	-	2 Feet

**General Comments** 

**General Comments** 

Span 18 U3L4 SOUTH **Steel Truss Diagonal Element** Total CS<sub>1</sub> CS<sub>2</sub> CS<sub>3</sub> CS4 Number **Element Name** Qty Qty Qty Qty Qty 515 1 Square Feet Steel Protective Coating 540 539 0 0 910 Primary Steel Truss Member 0 0 0 Feet 56 56 Element Maint

Number Defect Type Defect Description CS CS Qty

515 Effectiveness (Steel SCRAPE w/ EXPOSED STEEL ON TOP FACE NEAR L4U4 4 1 1 Square Feet Protective Coatings)

Span 18 Floor Beam 0 W Type Steel Floor Beam Element Total CS1 CS2 CS3 CS4 **Element Name** Number Qty Qty Qty Qty Qty 152 Steel Floor Beam 62 0 60 1 Feet 515 Steel Protective Coating 1,098 0 0 31 Square Feet 1,067 Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 152 VERTICAL STIFFNER 5 WEST SIDE HAS BEEN CLEANED, 1 Feet Corrosion 4 1 PAINTED WITH CORROSION ARRESTED; HOWEVER A 1/8"

DIAMETER HOLE REMAINS.(PAR)

Structure	Number: <u>640013</u>			Inspection	on D	ate: <u>12/20/2021</u>
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					

Spa	n 18	Floor Beam	11					
WT	ype Steel Floor B	eam						
Nun		Element Name	Total Qty 62	CS1 Qty	CS2 Qty	CS3 Qty 2	CS4 Qty	- eet
152							-	
515	Steel Pr	otective Coating	1,178	1,167	0	0	11 \$	Square Feet
Elemen Numbe	Defect Toma	Defect Desc	ription		cs	CS Qty	Maint Qty	
152	Corrosion	CENTER BOTTOM LATERAL GUS TO 1/2" PACK RUST BETWEEN OF FLANGE ON EAST AND WEST SI GUSSET AT BOTTOM FLANGE R LOSS TO (2) FASTENERS.	BUSSET AND BOT DES - 10"L x 4" A	TOM REA OF	3	1	1	Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOT BOTTOM LATERAL GUSSET PLA EAST AND WEST SIDES			3	1	1	Feet
152	Corrosion	PITTED AREA UP TO 2"W x 5/16" BOTTOM FLANGE AT L1 SOUTH CONNECTION			2	1		Feet
152	Corrosion	PITTED AREAS IN WEB AT BOTT AND WEST SIDES UP TO 3/16"D ACROSS FULL LENGTH - CLEAN	x 3"H SCATTERE	D	2	35		Feet
152	Corrosion	BOTTOM FLANGE - SOUTH SIDE CENTER GUSSET - PITTED AREA 1/4"D - CLEANED AND PAINTED			2	1		Feet
152	Corrosion	REPAIR OBSERVED IN 2020 INSI CLEANED AND REPAINTED. 2019 FLANGE, WEST SIDE AT STRING SECTION REDUCED TO 3/4".	8 REPORT HAD T	OP	2	1		Feet
152	Corrosion	TOP FLANGE, WEST SIDE AT MII SECTION ALONG EDGE OF FLAN CLEANED AND PAINTED			2	1		Feet
152	Corrosion	PITTED AREAS ALONG WEST FA OF STRINGERS 4,5,6,7,9,10, 11, 1 3/8"DEEP - CLEANED AND PAIN	2 & 13 - 2" TO 3"I		2	7		Feet
515	Effectiveness (Steel Protective Coatings)			MOTTOM	4	1	1	Square Feet

Inspection Date: <u>12/20/2021</u> Structure Number: 640013 Effectiveness (Steel PROTECTIVE COATING FAILING w/ ACTIVE CORROSION 2 Square Feet 4 PRESENT AT BOTTOM FLANGE/CENTER BOTTOM **Protective Coatings)** LATERAL GUSSET CONNECTION Effectiveness (Steel Protective Coatings) 515 AREAS OF PROTECTIVE COATING FAILING ON TOP 4 8 8 Square Feet FLANGE - SCATTERED THROUGHOUT. **General Comments** 

Spa	n 18	Floor Beam 2					
W T	ype Steel Floo	r Beam					
	ment nber Stee	Element Name el Floor Beam	Total Qty 62	CS1 Qty 6	<b>CS2</b> <b>Qty</b> 49	CS3 Qty 7	CS4 Qty 0 Feet
515	Stee	el Protective Coating	1,178	1,170	0	0	8 Square Feet
Elemen Numbe	Dofoot Tune	Defect Descrip	tion		cs	CS Qty	Maint Qty
152	Corrosion	TOP FLANGE REDUCED TO 3/4" AC AREA ON EAST SIDE BETWEEN ST CLEANED AND PAINTED			3	2	2 Feet
152	Corrosion	BOTTOM LATERAL GUSSET AT L2 PACK RUST BETWEEN GUSSET PL FLANGE.			3	1	1 Feet
152	Corrosion	TOP FLANGE REDUCED TO 3/4" AC AREA ON WEST SIDE BETWEEN ST CLEANED AND PAINTED			3	3	3 Feet
152	Corrosion	BOTTOM LATERAL GUSSET AT L2 PACK RUST BETWEEN GUSSET PL FLANGE.			3	1	1 Feet
152	Corrosion	BOTTOM FLANGE - PITTING IN TOF SCATTERED ACROSS FULL LENGT SIDES - CLEANED AND PAINTED.			2	20	Feet
152	Corrosion	BOTTOM FLANGE AT L2 NORTH BOUSSET - 1"W x 12"L AREA PITTED CLEANED AND PAINTED.			2	1	Feet
152	Corrosion	BOTTOM FLANGE AT L2 SOUTH BO GUSSET - 16"L x 1-1/2"W x 3/16"D F UNDERSIDE OF FLANGE - CLEANE	PITTED AREA (	ON	2	1	Feet
152	Corrosion	AREAS OF PITTING UP TO 1/8"D x : BOTTOM FLANGE SCATTERED AL EAST AND WEST SIDES - CLEANEI	ONG FULL LEN	IGTH,	2	20	Feet
152	Corrosion	TOP FLANGE REDUCED TO 7/8" AC AREA ON EAST SIDE BETWEEN ST HAS BEEN CLEANED AND PAINTEI	RINGERS 1 & 2	-	2	2	Feet
152	Corrosion	8"L x 2"H x 3/16"D PITTED AREA IN AT STRINGER 7 BOTTOM FLANGE PAINTED			2	1	Feet
152	Corrosion	9"L x 2-1/2"H x 1/8"D PITTED AREA AT BOTTOM FLANGE OF STRINGE AND PAINTED		-	2	2	Feet
152	Corrosion	TOP FLANGE BETWEEN STRINGER AREAS ON EAST AND WEST SIDES CLEANED AND PAINTED			2	2	Feet
515	Effectiveness (Ste			_	2	8	Square Feet

Spar	า 18	Floor Beam	3					
W Ty	pe Steel Floor Be	eam						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Flo	or Beam	62	0	59	3	0 F	eet
515	Steel Pro	otective Coating	1,178	1,034	120	0	24 \$	Square Feet
lement lumber	Defect Tyres	Defect Descrip	otion		cs	CS Qty	Maint Qty	
152	Corrosion	3/4" PACK RUST BETWEEN BOTT CENTER BOTTOM LATERAL GUSS	-		3	1	1	Feet
152	Corrosion	1-1/2""W x 8"L AREA ON WEST SII STRINGER 2 REDUCED TO 3/4" - 0		-	3	1	1	Feet
152	Corrosion	11/16" PACK RUST BETWEEN BOTCENTER BOTTOM LATERAL GUSS	-		3	1	1	Feet
152	Corrosion	TOP OF BOTTOM FLANGE PITTED SCATTERED THROUGHOUT EAST CLEANED AND PAINTED.			2	15		Feet
152	Corrosion	AREAS OF PITTING UP TO 3/16"D THROUGHOUT UNDERSIDE OF BO EAST SIDE OF NORTHERN HALF - PAINTED	OTTOM FLANGE		2	10		Feet
152	Corrosion	BOTTOM FLANGE - 2"W x 20"L x 1 NORTH SIDE OF CENTER BOTTOM CLEANED AND PAINTED		_	2	1		Feet
152	Corrosion	PITTED AREAS UP TO 3/16"D IN W - SCATTERED THROUGHOUT EAS CLEANED AND PAINTED			2	24		Feet
152	Connection	40-70% SECTION LOSS TO (2) CEN GUSSET FASTENERS ON EAST SI - CLEANED AND PAINTED			2	1	1	Feet
152	Corrosion	PITTED AREAS IN WEB ON WEST FLANGES OF STRINGERS 2, 3, 6, 7 x 2"H x 3/16"D - CLEANED AND PA	7, 9, 10, 11, 12 U		2	8		Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PROTECTIVE COATING FAILING O BOTTOM CENTER LATERAL GUSS BOTTOM FLANGE, AND TOP OF G	SET - LOWER W		4	4	4	Square Fee
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING OF TOP FLANGE - SCATTERED TH		OSS TOP	4	20	20	Square Fee
515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST DEVELOPING O BOTTOM FLANGE.	N UNDERSIDE (	OF .	2	120	120	Square Fee

Spai	n 18	Floor Beam 4						
W T	ype Steel Floor Be	eam						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Flo	or Beam	62	0	61	1	0 F	eet
515	Steel Pro	tective Coating	1,167	1,151	0	0	16 S	quare Feet
Element Number	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
152	Corrosion	3" x 3" AREA ON WEST SIDE OF TOP STRINGERS 3 & 4 REDUCED TO 3/4" - PAINTED.			3	1	1	Feet
152	Corrosion	1"W x 10"L AREA ON UNDERSIDE OF LOWER GUSSET ON NORTH END RE		-	2	1		Feet
152	Corrosion	PITTING UP TO 1/8"D SCATTERED TH BOTTOM 2" OF WEB AND TOP OF BO EAST AND WEST SIDES - CLEANED A	TTOM FLAN		2	60		Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	PROTECTIVE COATING FAILING ON V BOTTOM FLANGE AND LOWER WEB STIFFENER 1 TO 4 - AREAS OF EXPO SURFACE RUST	FROM VERT	ICAL	4	16	16	Square Feet

**General Comments** 

Spa	n 18	Floor Bear	n 5					
W T	ype Steel Floo	or Beam						
Elen Nun	nber	Element Name	Total Qty 62	CS1 Qty 5	CS2 Qty	CS3 Qty	CS4 Qty	Feet
515	Ste	eel Protective Coating	1,178	1,158	0	0	20	Square Feet
Elemen	Defect Tue	e Defect Desc	cription		cs	CS Qty	Maint Qty	
152	Corrosion	TOP FLANGE, WEST SIDE, BET' 3/4" TO 7/8" REMAINING THICKI AREA - ACTIVE CORROSION OF	NESS ACROSS A 3	3'L x 6"W	3	3	-	3 Feet
152	Corrosion	3/4" PACK RUST BETWEEN BO' CENTER BOTTOM LATERAL GU SIDE.		_	3	1	•	1 Feet
152	Corrosion	5/8" PACK RUST BETWEEN BO	-		3	1		1 Feet
152	Corrosion	PITTING IN LOWER WEB AT BO 1/4"D x 2"H SCATTERED THROU WEST SIDES - CLEANED AND P	UGHOUT ON EAST	_	3	20		Feet
152	Connection	50-80% LOSS TO (5) CENTER BO FASTENERS AT BOTTOM FLAN			2	3	3	3 Feet
152	Corrosion	PITTED AREAS ON EAST FACE UP TO 4"HIGH x 8"WIDE x 3/16" PAINTED.		-	2	2		Feet
152	Corrosion	TOP FLANGE, EAST SIDE - 20" EAST EDGE BETWEEN STRING 7/8"- 11/16" - CLEANED AND PA	ERS 2 & 3 REDUCE		2	2		Feet
152	Connection	60-90% LOSS TO (7) CENTER BOTTOM FLAN			2	3	:	3 Feet
152	Corrosion	1-1/2"W x 16"L x 1/4"D PITTED A BOTTOM FLANGE ALONG SOU BOTTOM LATERAL GUSSET - C	TH SIDE OF CENTE	ER	2	1		Feet
152	Corrosion	1"W x 16"L x 3/16"D PITTED AR BOTTOM FLANGE ALONG NOR BOTTOM LATERAL GUSSET - C	TH SIDE OF CENTI	ER .	2	1		Feet
152	Corrosion	BOTTOM FLANGE - PITTING IN SCATTERED THROUGHOUT ON CLEANED AND PAINTED.		SIDES -	2	20		Feet
515	Effectiveness (S Protective Coati		ON TOP OF TOP	FLANGE	4	20	20	Square Feet

Spa	n 18		Floor Beam 6					
W T	ype Steel F	Floor Beam						
Elen Num 152	nent nber	Element Name Steel Floor Beam	Total e Qty 62	<b>CS1 Qty</b> 0	<b>CS2</b> <b>Qty</b> 53	<b>CS3 Qty</b> 9	CS4 Qty	Feet
515		Steel Protective Coating	1,178	1,170	0	0	8	Square Feet
Element Number	Dofoct	Туре	Defect Description		cs	CS Qty	Maint Qty	
	Dofoct	1/4" PACK RUST	Defect Description BETWEEN BOTTOM FLANGE A AL GUSSET AT L6 NORTH	AND	<b>cs</b> 3	CS Qty	Qty	I Feet
Number	Defect	1/4" PACK RUST BOTTOM LATER 8'L SECTION OF	BETWEEN BOTTOM FLANGE A	ROM		CS Qty 1	Qty	Feet

Structure	Number: <u>640013</u>			Inspection	n Date: <u>12/20/2021</u>
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

Spa	n 18	Floor Beam	n <b>7</b>					
WT	ype Steel Floo	r Beam						
	nent nber Stee	Element Name Steel Floor Beam		Total CS1 Qty Qty 62 15		CS3 Qty	CS4 Qty	- eet
515	Stee	Protective Coating	1,178	1,173	30 0	0	-	Square Feet
Elemen Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
152	Corrosion	1/2" PACK RUST BETWEEN BOT CENTER BOTTOM LATERAL GU	-		3	1	•	Feet
152	Corrosion	1/2" PACK RUST BETWEEN BOT CENTER BOTTOM LATERAL GU	TOM FLANGE AN	D	3	1	1	Feet
152	Corrosion	6"L x 2"W AREA ON WEST SIDE BETWEEN STRINGERS 3 & 4 RE CLEANED AND PAINTED - PROT W/ ACTIVE CORROSION PRESEN	OF TOP FLANGE DUCED TO 3/4" - ECTIVE COATING		3	3		Feet
152	Corrosion	PITTED AREAS UP TO 1/4"D ON SCATTERED THROUGHOUT FUL WEST SIDES - CLEANED AND PA	L LENGTH ON EA	_	3	12		Feet
152	Corrosion	PITTED AREAS 1-1/2" TO 3"H x 8 EAST SIDE OF WEB AT STRINGE AND PAINTED.			2	3		Feet
152	Corrosion	PITTED AREAS ON TOP OF TOP SCATTERED THROUGHOUT - CL			2	19		Feet
152	Corrosion	SPAN 18 CENTER BOTTOM LATI PITTED AREA ON TOP AT THE N 7" X 1/4" DEEP, CLEANED AND F	ORTHEAST COR		2	1		Feet
152	Connection	CENTER BOTTOM LATERAL GU: (6) FASTENERS AT BOTTOM FLA			2	1	1	Feet
152	Corrosion	PITTED AREAS UP TO 1"W x 18" FLANGE AT CENTER BOTTOM L NORTH AND SOUTH SIDES		-	2	1		Feet
152	Corrosion	PITTED AREAS ON WEB AT BOT 3"H x 1/8" TO 3/16"D SCATTERE LENGTH ON EAST AND WEST SI PAINTED	D THROUGHOUT	FULL	2	5		Feet
515	Effectiveness (Storement Protective Coating				4	5	5	Square Feet

Spai	า 18		Floor Beam	า 8				
W Ty	pe Steel I	Floor Beam						
Elem Num		Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
152		Steel Floor Beam		62	13	49	0	0 Feet
515		Steel Protective Coa	ting	1,178	1,178	0	0	0 Square Feet
Element Number	Dofoot	Туре	Defect Desc	ription		cs	CS Qty	Maint Qty
152	Corrosion	18"L x 2"	NGE - WEST SIDE - BET N SECTION ALONG ED O AND PAINTED			2	2	Feet
152	Corrosion		H PITTED AREA UP TO STRINGER 10 & 12 CON ITED			2	2	Feet
152	Corrosion	SCATTER	JP TO 3/16" DEEP IN TO ED THROUGHOUT EAS AND PAINTED			2	25	Feet
152	Corrosion	SIDE OF	6"HIGH PITTED AREA NEB AT STRINGERS 5 AND PAINTED			2	2	Feet
152	Corrosion	FLANGE	REAS UP TO 3"H x 3/16 SCATTERED THROUGH LEANED AND PAINTED	OUT EAST AND		2	18	Feet

Spa	n 18		Floor Beam 9	)					
W T	ype Steel I	Floor Be	eam						
	nent nber	Steel Flo	Element Name or Beam	Total Qty 62	<b>CS1</b> <b>Qty</b> 12	CS2 Qty 24	<b>CS3 Qty</b> 25	CS4 Qty 1 Feet	
515		Steel Pro	tective Coating	1,178	1,178	0	0	0 Square Feet	
Elemen Numbe	Defect	Туре	Defect Descrip	otion		cs	CS Qty	Maint Qty	
152	Corrosion		OBSERVED IN 2020 INSP: VERTICA EAST SIDE - 2"H PITTED AREA AT E LOWER 1" OF AREA REDUCED TO PAINTED. PAR ISSUED.	BOTTOM FLANG	GE -	4	1	1 Feet	
152	Corrosion		PITTED AREAS IN WEB ON EAST S FLANGES OF STRINGERS 3, 5, 6, 7 3"HIGH x 10"WIDE x 3/16"DEEP - C	, 8 AND 11 UP T	ГО	3	5	5 Feet	
152	Corrosion		VERTICAL STIFFENER 12 AND 13 OF PITTED AREA AT BOTTOM FLANG REDUCED TO 1/16" WIDE/ ~3/4" HOUSE CLEANED AND PAINTED	E - LOWER 1" C	F AREA	3	1	1 Feet	
152	Corrosion		1/2" PACK RUST BETWEEN BOTTO CENTER BOTTOM LATERAL GUSS		_	3	1	1 Feet	
152	Corrosion		5/8" PACK RUST BETWEEN BOTTO CENTER BOTTOM LATERAL GUSS			3	1	1 Feet	
152	Corrosion		8'L SECTION OF TOP FLANGE ON STRINGER 2 TO 4 REDUCED TO 3/2" TO 8"W - CLEANED AND PAINTE	4" - AREA VARI		3	8	8 Feet	
152	Corrosion		PITTED AREAS IN WEB ON WEST S FLANGES OF STRINGERS 5, 8, 9, 1 1/4"D - CLEANED AND PAINTED			3	5	5 Feet	
152	Corrosion		PITTED AREA UP TO 1-1/2"W x 1/4" OF BOTTOM FLANGE ON NORTH S BOTTOM LATERAL GUSSET - CLE.	SIDE OF CENTE	R	3	1	Feet	
152	Corrosion		8"LONG x 4"WIDE AREA ON EAST FLANGE BETWEEN STRINGERS 3 - CLEANED AND PAINTED		_	3	1	1 Feet	

ucture	Number: <u>640013</u>			Inspec	tion Date: <b>12/20/2021</b>
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

<b>General Comments</b>	
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Spa	n 18		FI	oor Beam 10						
W T	ype Steel I	Floor B	eam							
Element Number		Cta al El	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152 515		0100111	oor Beam otective Coating		62 1,178	1,164	30 0	0		Feet Square Feet
Elemen	Defect	Туре	ı	Defect Description			cs	CS Qty	Maint Qty	
152	Corrosion		OBSERVED IN 2020 II SIDE - 4"HIGH PITTEI 1-1/2" DIAMETER HO REMAINING SECTION ISSUED.	D AREA AT BOTTO LE AT WEB - 1/16"	M FLANGI TO 1/8"	E WIDE/	4	1		1 Feet
152	Corrosion		(PAR) VERTICAL STII PITTED AREA AT BO FROM 1/4" TO 1/2" IN REMAINING SECTION	TTOM FLANGE WI   DIAMETER - 1/16'	DE/ (3) HO ' TO 1/8"		3	1		1 Feet
152	Corrosion		PITTED AREA UP TO BOTTOM FLANGE AT SOUTH END - CLEAN	BOTTOM LATER	AL GUSSE		3	1		Feet
152	Corrosion		VERTICAL STIFFENE AT BOTTOM FLANGE - 1/16" TO 1/8" REMA AREA - PM	w/ 1/2" DIAMETEI	R HOLES A	T EDGES	3	1		1 Feet
152	Corrosion		FB 10, EAST SIDE, ST ADJACENT TO THE E CLEANED AND PAIN	BOTTOM FLANGE,			3	1		1 Feet
152	Corrosion		3/8" PACK RUST BET BOTTOM LATERAL G			D	3	1		1 Feet
152	Corrosion		1/4" PACK RUST BET LATERAL GUSSET A		LANGE AN	D	3	1		1 Feet

Structure	Number: <u>640013</u>			Inspection	n Da	ate: 12/20/2021
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

Span 1	8		Floor Beam 11						
W Type	e Steel Floor B	eam							
Elemen Number 152	r	Element Name		Total Qty 62	CS1 Qty 6	CS2 Qty 28	CS3 Qty 28	CS4 Qty	
515	Steel Pr	otective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
152 Co	orrosion		WEB AT BOTTOM FLA THROUGHOUT EAST AINTED			3	20	2	0 Feet

Cluic	Number: <u>640013</u>			Порс	ction Date: 12/20/2
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

Spa	n 18		Floor Beam 12	2					
W T	ype Steel I	Floor Be	eam						
Elen Num 152		Steel Flo	Element Name oor Beam	Total Qty 62	CS1 Qty 1	CS2 Qty 32	CS3 Qty 8	<b>CS4 Qty</b> 21	Feet
515		Steel Pro	otective Coating	1,098	1,048	0	0	50	Square Feet
Element Number	Dofoot	Туре	Defect Descripti	on		cs	CS Qty	Maint Qty	
152	Corrosion		LOSS OF SECTION .625" WITH .683" EAST FLANGE 4' LONG X 3.25" WIDE POINT BEGINNING 2' LEFT OF NORT PAINT HAS FAILED. (PAR)	OVER OLD	ANCHOR	4	4	4	Feet
152	Corrosion		LOSS OF SECTION .680" WITH .628" EAST FLANGE 17' LONG X UP TO 5- LEFT LOCK AND CENTERLINE SUPF (PAR)	1/2" WIDE BE	TWEEN	4	17	17	' Feet
152	Corrosion		LATERAL BRACING FROM FLOORB SURFACE RUST ON BOLTS.	EAM 11 TO U1	12 AT U12	3			Feet
152	Corrosion		STIFFNER 4, 5, 6, 7 AND 8 WEST SID FLANGE 4"HIGH X 3/8"DEEP PITTIN CLEANED AND PAINTED.			3			Feet
152	Corrosion		STIFFNER 6 EAST SIDE HAS LOSS OWITH .264" REMAINING ALONG BOT			3	1	1	Feet
152	Corrosion		1" HOLE IN WEB AT BOTTOM FLANG STRINGERS 4 & 5 - PM	GE BETWEEN		3	1	1	Feet
152	Corrosion		PITTED AREA w/ (2) 1/4" DIAMETER H BOTTOM FLANGE UNDER STRINGER AND PAINTED			3	1	1	Feet
152	Corrosion		(PAR) LOSS OF SECTION .341" WITH BOTTOM WEST FLANGE, 4' LONG X 2' LEFT OF NORTHEAST BEARING.			3	4	4	Feet
152	Corrosion		STIFFNER 11 AND 12 EAST SIDE HA THAT HAVE BEEN CLEANED, PAINT			3	1	1	Feet
152	Corrosion		LATERAL BRACING FROM FLOORB BEGINNING AT U12 FOR 9' BOTTOM AND PAITED WITH 1/2" AVERAGE R	FLANGE CLE		2			Feet

ucture	Number: <u>640013</u>			Inspe	ction Date: 12/20/202
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	CORROSSION 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

Span 18		Stringer 1									
W Beam Stringer											
Element Number 113 Stee		Element Name Stringer	Total Qty 420	<b>CS1 Qty</b> 358	CS2 Qty	CS3 Qty	CS4 Qty	Foot			
515		Protective Coating	2,206	2,188	0	0	-	Square Feet			
Elemen Numbe	Defeat Type Defeat Description				cs	CS Qty	Maint Qty				
113	Corrosion	rrosion BETWEEN FB's 11-12 - PITTED AREAS UP TO 1/4"D 3 SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE - CLEANED AND PAINTED					20	Feet			
113	Corrosion	osion BETWEEN FB's 11-12 - 6'L x 2"H x 3/16"D PITTED AREA IN LOWER WEB AT MIDSPAN - CLEANED AND PAINTED.				6	6	Feet			
113	Corrosion		BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.			36		Feet			
113	Connection	NEW REPAIR 2021 INSPECTION NEW BOLT AT TOP NORTH SIDI			1			Feet			
113	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			" X 3.5" X SIDES AD EDGE IN ALONG TO 1"	1			Feet			
<b>515</b>	Effectiveness (Ste Protective Coating General Comments	s) STRINGER HAS SURFACE RUS		то	4	18	18	Square Feet			
	General Comments										

Span 1	8	Strin	ger 2					
W Bear	m Stringer							
Elemen Number 113	=	Element Name tringer	<b>Total</b> <b>Qty</b> 420	<b>CS1 Qty</b> 244	<b>CS2</b> <b>Qty</b> 67	<b>CS3</b> <b>Qty</b> 108	CS4 Qty 1 Feet	
515	Steel P	rotective Coating	2,206	2,172	0	0	34 Square Fe	eet
Element Number	Defect Type	Defe	ect Description		cs	CS Qty	Maint Qty	
113 Co	nnection	onection ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.				1	1 Feet	

Structure	Number: <u>640013</u>			Inspection	n Date: <u>12/20/2021</u>
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 $\times$ 4"L $\times$ 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	REPARED 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

Structure Number: 640013		Inspe	ection Date: 12/20/2021
113 Corrosion REPARED 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	-		Feet
113 Corrosion  REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 7 - 8, REPAIR TO THE BOTTOM FLANGE AND LOWER WEB, 3 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 BOTTO FLANGE ALONG SOUTH SIDE UP TO 3"HIGH x 1/4"DEE CLEANED AND PAINTED.	2" M		Feet
113 Corrosion  REPAIR OBSERVED IN 2021 INSPECTION:: REPAIR TO BOTTOM FLANGE AND LOWER WEB, 34" LONG. 6" X 4 3/8" THICK ANGLE HAS BEEN BOLTED TO BOTH SIDES 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 - CLEANED AND PAINTED	"X S OF A.		Feet
113 Corrosion REPARED SEE REPAIR NOTE FOR DETAILS: BETWEEN FB's 5-6 - PITTED AREAS ON NORTH AND SOUTH SIDE OF WEB AT BOTTOM FLANGE UP TO 2-1/2"HIGH x 1/4"DEEP SCATTERED ACROSS FULL LENGTH - CLEAN AND PAINTED	S		Feet
515 Effectiveness (Steel BETWEEN FB's 9-10 - SCATTERED ALONG THE FULL Protective Coatings) LENGTH BOTH SIDES OF BOTTOM FLANGE CORROSIC WITH 1/4" AVERAGE REMAINING.	4 <b>DN</b>	34	34 Square Feet

Span 18			Stringer 3							
W Beam Stringer										
Element Number 113 Ste		Element Name Steel Stringer	Element Name tringer		<b>CS1 Qty</b> 397	CS2 Qty 20	CS3 Qty 3	CS4 Qty 0 Feet		
515		Steel Protective Coating		2,206	2,206	0	0	0 Squar	e Feet	
Elemen Numbe	D-447	Гуре	Defect Description	on		cs	CS Qty	Maint Qty		
113	Cracking		2 - 1" CRACK IN WE PHRAGM CONNECT T			3	1	1 Fee	et	
113	Connection		NG ON THE SOUTH		INGER	3	1	1 Fee	et	
113	Connection		TOP BOLT HAS SH	_		3	1	1 Fee	et	
113	Cracking	AREA HAS BEEN BETWEEN FB's 5-	ED IN 2020 INSP: CF PAINTED OVER. 20 6 - 1-1/2"LONG CRA DIAPHRAGM CONN	18 REPORT H ACK IN WEB /	IAD	2	1	Fee	et	
113	Cracking	VISIBLE, AREA H. HAD BETWEEN F	ED IN 2021 INSPECT AS BEEN PAINTED ( B's 2-3 - 1/2"LONG ( WELD AT DIAPHRA	OVER. 2020 F CRACK IN WE	REPORT B	2	1	Fee	et	
113	Cracking	BETWEEN FB's 3- OF DIAPHRAGM (	4 - ARRESTED CRA	CK IN WEB A	AT TOP	2	1	Fee	et	
113	Corrosion	FLANGE HAS PIT	CTION - 17'L SECTIO TED AREAS UP TO 3 N EAST AND WEST S	3/16"D SCATT	ERED	2	17	Fee	et	
113	Corrosion	REPAIR TO THE E FOOT. LONG. 6" ) BOLTED TO BOTI THICK PLATE HA	ED IN 2020 INSP: BE SOTTOM FLANGE AI ( 4" X 3/8" THICK AN I SIDES OF THE WE S BEEN BOLTED TO AME AREA STARTI	ND LOWER V NGLE HAS BE B. A 9" WIDE THE BOTTO	VEB, 4 EEN E X 1/2"	1		Fee	et	

Structure Number: 640013 Inspection Date: 12/20/2021 REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 10 - 11, Corrosion Feet 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. REPAIR OBSERVED IN 2020 INSP: BETWEEN FB 9 - 10, 113 Corrosion Feet 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.

Span 18		Stringer 4							
W B	eam String	jer							
Elem Num 113		Steel Stri	Element Name inger	Total Qty 420	<b>CS1 Qty</b> 341	CS2 Qty 37	CS3 Qty 41	CS4 Qty 1 F	eet
515		Steel Pro	tective Coating	2,206	2,206	0	0	0 S	quare Feet
Element Number	Defect	Туре	Defect Des	scription		cs	CS Qty	Maint Qty	
113	Corrosion		BETWEEN FB's 3 & 4 - (2) 1/2" AREA ON NORTH SIDE OF TOF FB 4 CONNECTION - AREA CLI ISSUED.	FLANGE AT 3' FR	OM FROM	4	1	1	Feet
113	Corrosion		BETWEEN FB'S 2-3 - 1'L SECTION PITTED UP TO 1 PAINTED			3	1	1	Feet
113	Corrosion		BETWEEN FB's 7- 8 - PITTED A 17"L IN LOWER WEB AT FB7 CO PAINTED			3	2	2	Feet
113	Corrosion		BETWEEN FB's 8-9 - PITTED A SCATTERED THROUGHOUT B NORTH SIDE - CLEANED AND	OTTOM OF TOP FLA		3	15	15	Feet
113	Cracking		BETWEEN FB's 7-8 - CRACK P ARREST HOLE AT TOP OF DIA PROMPT ACTION REQUEST		-	3	1	1	Feet
113	Connection		BETWEEN FB 6-7, CONNECTION NORTH SIDE OF STRINGER IS			3	1	1	Feet
113	Connection		BETWEEN FB 7-8, TOP (2) BOL NORTH SIDE OF STRINGER CO ISSUED.			3	1	1	Feet
113	Corrosion		BETWEEN FB'S 6-7 - PITTED A FLANGE UP TO 1/4"D SCATTE LENGTH ON NORTH AND SOU PAINTED	RED THROUGHOUT	FULL	3	20	20	Feet
113	Cracking		BETWEEN FB's 11-12 - ARRES OF DIAPHRAGM CONNECTION		В АТ ТОР	2	1		Feet
113	Cracking		BETWEEN FB's 3-4 - ARRESTE OF DIAPHRAGM CONNECTION		AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 6-7 - ARRESTE OF DIAPHRAGM CONNECTION		AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 0-1 - ARRESTE OF DIAPHRAGM CONNECTION		AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 2-3 - ARRESTE OF DIAPHRAGM CONNECTION		AT TOP	2	1		Feet
113	Corrosion		BETWEEN FB'S 5-6 - PITTED A SCATTERED THROUGHOUT B NORTH SIDE - CLEANED AND	OTTOM OF TOP FLA		2	10		Feet
113	Corrosion		BETWEEN FB'S 6-7 - PITTED A FLANGE UP TO 1/8"D x 2"H SC LENGTH - CLEANED AND PAIN	ATTERED ACROSS		2	15		Feet
113	Cracking		BETWEEN FB's 1-2 - ARRESTE OF DIAPHRAGM CONNECTION		AT TOP	2	1		Feet

112	Craskina	DETWEEN FDIS 4.5. ADDECTED CDACK IN WED AT TOD	2	4	Foot
113	Cracking	BETWEEN FB's 4-5 - ARRESTED CRACK IN WEB AT TOP OF DIAPHRAGM CONNECTION		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	1		Feet

Span 18			Stringer 5									
W Beam Stringer												
Element Number			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
113		Steel Stri	inger	420	407	10	3	0	Feet			
515		Steel Pro	otective Coating	2,206	2,206	0	0	0	Square Feet			
Elemen Numbe	Dofoot	Туре	Defect Descri	ption		cs	CS Qty	Maint Qty				
113	Cracking		BETWEEN FB'S 1- 2 - 1-1/2"LONG TOP OF WELD AT DIAPHRAGM CO		ACROSS	3	1		1 Feet			
113	Cracking		BETWEEN FB's 5-6 - 1" LONG CR. BOTTOM OF DIAPHRAGM CONNE		ROSS	3	1		1 Feet			
113	Cracking		BETWEEN FB's 9-10 - CRACK PRO ARREST HOLE AT TOP OF DIAPHI PROMPT ACTION REQUEST			3	1		1 Feet			
113	Cracking		BETWEEN FB's 6-7 - ARRESTED COF DIAPHRAGM CONNECTION.	CRACK IN WEB A	T TOP	2	1		Feet			
113	Cracking		REPAIR OBSERVED IN 2020 INSP: AREA PAINTED OVER. 2018 REPO 11-12 - 1-1/2"LONG CRACK IN WEI DIAPHRAGM CONNECTION	RT HAD BETWE	EN FB's	2	1		Feet			
113	Cracking		BETWEEN FB's 5-6 - ARRESTED COF DIAPHRAGM CONNECTION.	CRACK IN WEB A	T TOP	2	1		Feet			
113	Cracking		BETWEEN FB's 2-3 - ARRESTED COF DIAPHRAGM CONNECTION	CRACK IN WEB A	T TOP	2	1		Feet			

ructure	Number: <u>640013</u>			Inspection I	Date: <b>12/20/2021</b>
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

Spar	า 18	Stringer 6							
W B	eam String	jer							
Element Number		Element Name		Total Qty 420	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	113		Steel Stringer		415	3	2	0	Feet
515		Steel Pr	rotective Coating	2,206	2,206	0	0	0	Square Feet
lement lumber	Dofoot	Туре	Defect Descrip	otion		cs	CS Qty	Maint Qty	
113	Corrosion		BETWEEN FB'S 7-8 - 6"H x 2"W PIT 3/16"D ON SOUTH SIDE OF LOWEI CONNECTION - CLEANED AND PA	то	3	1		1 Feet	
113	Cracking		BETWEEN FB's 8-9 - 1/2" LONG C DIAPHRAGM CONNECTION - PROI		3	1		1 Feet	
113	Cracking		REPAIR OBSERVED IN 2020 INSP: AREA HAS BEEN PAINTED OVER. BETWEEN FB's 10-11 - 3/4"L CRAC AT TOP OF DIAPHRAGM CONNEC	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				1		Feet
113	Cracking	AT BRACKET, (1) AT TOE OF WELD AT STRINGER WEB 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: ANGLE AND 9" WIDE X 1/2" THICK BOLTED TO BOTH SIDES OF THE FLANGE, FULL LENGTH BETWEE! PAINTED OVER. 2018 REPORT HA PITTING ALONG LOWER WEB UP SCATTERED THROUGHOUT NORT CLEANED AND PAINTED.	PLATE HAS BI WEB AND BOT N FB 11 AND 12 D BETWEEN FE TO 3/16" DEEP	EEN FOM AREA B'S 11-12 -	1			Feet

Spa	n 18	Stringer 7					pection Date. <u>12/20/2021</u>		
W E	Beam String	ger							
	ment mber	Element Name Steel Stringer	Total Qty 420	<b>CS1 Qty</b> 369	CS2 Qty 31	CS3 Qty 20	CS4 Qty 0 Feet		
515		Steel Protective Coating	2,206	2,206	0	0	0 Square Feet		
Elemer	Dofoot	Type Defect Descrip	otion		cs	CS Qty	Maint Qty		
113	Cracking	BETWEEN FB's 5-6 - 1" CRACK IN WELD AT DIAPHRAGM CONNECTI PROMPT ACTION REQUEST			3	1	1 Feet		
113	Corrosion	THICK ANGLE AND 9" WIDE X 1/2" BEEN BOLTED TO BOTH SIDES OF BOTTOM FLANGE, FULL LENGTH, REPORT HAD BETWEEN FB's 11-1 WEB ON SOUTH SIDE AT BOTTOM	AIR OBSERVED IN 2021 INSPECTION 6" X 4" X 3/8"  K ANGLE AND 9" WIDE X 1/2" THICK PLATE HAS  N BOLTED TO BOTH SIDES OF THE WEB AND  TOM FLANGE, FULL LENGTH, 2020 INPECTION  ORT HAD BETWEEN FB's 11-12 - PITTED AREA IN  ON SOUTH SIDE AT BOTTOM FLANGE AT FB 11  NECTION UP TO 3"LONG x 4"HIGH x 3/16"DEEP-						
113	Corrosion	SCATTERED THROUGHOUT UNDE	TWEEN FB'S 11-12 - PITTED AREAS UP TO 3/16"D ATTERED THROUGHOUT UNDERSIDE OF TOP FLANGE NORTH AND SOUTH SIDES - CLEANED AND PAINTED				15 Feet		
113	Cracking	PROPAGATED 1/4" PAST ARREST	BSERVED IN 2020 INSP: BETWEEN FB's 4-5 - CRACK ROPAGATED 1/4" PAST ARREST HOLE ON EAST SIDE AT DP OF DIAPHRAGM CONNECTION - PAR ISSUED.				1 Feet		
113	Cracking	OBSERVED IN 2020 INSP: BETWEE PROPAGATED UP TO 1/4" PAST E. ISSUED.			3	1	1 Feet		
113	Cracking	REPAIR OBSERVED IN 2021 INSPE VISIBLE, AREA HAS BEEN PAINTE HAD OBSERVED IN 2020 INSP: BE CRACK PROPAGATED 1/4" PAST / OF DIAPHRAGM CONNECTION,	D OVER 2020 R TWEEN FB's 5-6	EPORT S -	3	1	1 Feet		
113	Corrosion	BETWEEN FB'S 11-12 - PITTED ARI SCATTERED THROUGHOUT UNDE ON SOUTH SIDE - CLEANED AND I	RSIDE OF TOP		2	18	Feet		
113	Cracking	BETWEEN FB's 1-2 - ARRESTED C OF DIAPHRAGM CONNECTION	RACK IN WEB A	AT TOP	2	1	Feet		
113	Cracking	BETWEEN FB's 7-8 - ARRESTED C OF DIAPHRAGM CONNECTION	RACK IN WEB A	AT TOP	2	1	Feet		
113	Corrosion	BETWEEN FB's 11-12 - 24"L x 2"W FLANGE ON NORTH SIDE AT MIDS CLEANED AND PAINTED			2	2	Feet		
113	Cracking	BETWEEN FB's 9-10 - ARRESTED ( OF DIAPHRAGM CONNECTION	CRACK IN WEB	AT TOP	2	1	Feet		
113	Cracking	REPAIR OBSERVED IN 2020 INSP: ARRESTED, AREA HAS BEEN PAII REPORT HAD BETWEEN FB's 3-4 - 3/8" PAST ARREST HOLE AT TOP CONNECTION, WIDE/ 1" CRACK IN	NTED OVER. 20 CRACK PROPA OF DIAPHRAGN	18 AGATED	2	1	Feet		
113	Cracking	REPAIR OBSERVED IN 2020 INSP: ARRESTED. 2018 REPORT HAD B CRACK PROPAGATED 5/16" PAST WEST SIDE AT TOP OF DIAPHRAG	ETWEEN FB's 4 ARREST HOLE	-5 - ON	2	1	Feet		
113	Cracking	REPAIR OBSERVED IN 2020 INSP: AREA HAS BEEN PAINTED OVER. BETWEEN FB'S 2-3 - 5/8"LONG CR CENTER DIAPHRAGM CONNECTION	2018 REPORT I ACK IN WELD A	· DAF	2	1	Feet		
113	Cracking	REPAIR OBSERVED IN 2020 INSP: THICK HAS BEEN WELDED TO EA AND BOTTOM OF THE TOP FLANG HAS BEEN CLEANED AND REPAIN BETWEEN FB's 0-1 - CRACK IN WE DIAPHRAGM CONNECTION PROPARREST HOLE ON EAST SIDE	CH SIDÉ OF THI BE, FULL LENGT ITED. 2018 REP EB AT TOP OF	E WEB TH. AREA ORT HAD	2	1	Feet		

Structure	Number: <u>640013</u>			Inspection [	Date: <u>12/20/2021</u>
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 INPECTION 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 INPECTION 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
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Spa	n 18		Stringer 8						
W B	eam String	ger							
Element Number			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113		Steel Stri	inger	420	402	15	3	0	Feet
515		Steel Pro	tective Coating	2,206	2,206	0	0	0	Square Feet
Elemen Number	Defect	Туре	Defect Description	on		cs	CS Qty	Maint Qty	
113	Cracking		BETWEEN FB's 11-12 - CRACK PROP EAST ARREST HOLE AT TOP OF DIA CONNECTION – PM		" PAST	3	1		1 Feet
113	Cracking		LONGITUDINAL CRACK, 1/2" LONG II WEB AT FB 12, PAR ISSUED.	N THE TOP O	FTHE	3	1		1 Feet
113	Cracking		BETWEEN FB'S 7-8 - (2) CRACKS PROPAST ARREST HOLE AT TOP OF DIA CONNECTION - PM		/16"	3	1		1 Feet
113	Corrosion		BETWEEN FB's 11-12 - PITTED AREA SIDE AT BOTTOM FLANGE AT FB 11 3"L x 4"H x 3/16"D- CLEANED AND PA	CONNECTIO	-	2	1		Feet
113	Cracking		BETWEEN FB's 1-2 - ARRESTED CRA OF DIAPHRAGM CONNECTION	CK IN WEB	АТ ТОР	2	1		Feet
113	Cracking		REPAIR OBSERVED IN 2020 INSP: CF ARRESTED AND AREA HAS BEEN PA REPORT HAD BETWEEN FB's 9-10 - 0 1/4" PAST ARREST HOLE AT TOP OF CONNECTION	AINTED OVER CRACK PROF	R. 2018 PAGATED	2	1		Feet
113	Cracking		REPAIR OBSERVED IN 2020 INSP: CF AREA HAS BEEN PAINTED OVER. 20 BETWEEN FB'S 8-9 - 1" CRACK IN WE DIAPHRAGM CONNECTION, WIDE/ (2 CONNECTION WELD AT TOP	18 REPORT I	IAD FOP OF	2	1		Feet
113	Corrosion		BETWEEN FB's 0-1 - 8"H x 2"W x 3/16 NORTH SIDE OF WEB AT DIAPHRAG DEVICE BRACE - CLEANED AND PAI	M FOR CENT	_	2	1		Feet

Structure 1	Number: <u>640013</u>			Inspection D	ate: 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

Span 18		Stringer 9						
W B	eam Stringer	•						
Elen Num		Element Name		CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	St	teel Stringer	420	386	31	3	0	Feet
515	St	teel Protective Coating	2,206	2,206	0	0	0	Square Feet
Element Number	Dofoct Tv	·				CS Qty	Maint Qty	
113	Connection	LOAD AT FLOOR BEAM 10 - LO	ETWEEN FB's 9-10 - SLIGHT MOVEMENT UNDER LIVE DAD AT FLOOR BEAM 10 - LOWER BOLTS AT STRINGER EB CONNECTION ARE SECURE BUT NOT FULLY GHTENED - PM			1		1 Feet
113	Cracking	LONGITUDINAL CRACK, 5" LON WEB AT FB 12, PAR ISSUED.	IG IN THE TOP OF	THE	3	1		1 Feet
113	Corrosion	SIDE AT BOTTOM FLANGE AT F	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			1		1 Feet
113	Corrosion	BETWEEN FB'S 5-6 - 5"L x 3"H F ON SOUTH SIDE WEB AT BOTT DIAPHRAGM CONNECTION - CL	OM FLANGE BELO	OW _	2	1		Feet
113	Corrosion	BETWEEN FB's 9-10 - ACTIVE C	ORROSION ALON	• . • .	2	30		Feet

Spa	Span 18								
W E	Beam String	ger							
	ment mber	El·	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113		Steel Stringer		420	380	37	3	0	Feet
515	5 Steel Protective Coating		Coating	2,206	2,206	0	0	0	Square Feet
	Element Number Defect Type		Defect Desc	cription		cs	CS Qty	Maint Qty	
113	Corrosion	SIDE	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				1	1	I Feet
113	113 Cracking BETWEEN FB's 9-10 - (2) ARREST HOLE AT TOP (1/8" AND (1) 1/4" - PM					3	1	1	I Feet

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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

Spa	an 18		Stringer 11						
W E	Beam String	ger							
	ment mber	Steel St	Element Name ringer	Total Qty 420	<b>CS1 Qty</b> 395	<b>CS2 Qty</b> 19	CS3 Qty	CS4 Qty 0 F	- eet
515		Steel Pr	otective Coating	2,206	2,206	0	0	0 8	Square Feet
Eleme	Defect	Туре	Defect Descripti	on		cs	CS Qty	Maint Qty	
113	Corrosion		BETWEEN FB's 11-12 - PITTED AREA SIDE AT BOTTOM FLANGE AT FB 11 3"L x 4"H x 3/16"D- CLEANED AND PA	CONNECTION		3	1	•	Feet
113	Cracking		BETWEEN FB's 4-5 - 4" VERTICAL CR BOTTOM OF DIAPHRAGM CONNECT NORTH SIDE - PM			3	1	1	Feet
113	Cracking		OBSERVED IN 2020 INSP:, AREA HA OVER, NO CHANGE, PROPAGATED PAR ISSUED. 2018 REPORT HAD BE CRACKS PROPAGATED UP TO 3/16" WEST ARREST HOLES AT TOP OF D CONNECTION - PAR ISSUED	CRACK STILL TWEEN FB's ' PAST EAST	. VISIBLE. 3-4 -	3	1	1	Feet
113	Cracking		BETWEEN FB's 4-5 - CRACK PROPA ARREST HOLE AT TOP OF DIAPHRA PM			3	1	1	Feet
113	Cracking		(PAR) BETWEEN FB'S 10-11 - TOTAL CRACKS PROPAGATING PAST ARR DIAPHRAGM CONNECTION			3	1		Feet
113	Cracking		OBSERVED IN 2020 INSP; BETWEEN CRACK PROPAGATING PAST ARRE DIAPHRAGM CONNECTION, PAR ISS	ST HOLE AT		3	1	1	Feet
113	Corrosion		REPAIR OBSERVED IN 2020 INSP: H 2018 REPORT HAD STRINGER 11 BE HOLE IN WEB ABOVE BOTTOM FLAI CONNECTION WITH 4"HIGH x 3"WID CLEANED AND PAINTED	TWEEN FB'S NGE AT FB 1	0-1, ~5/8"	2	1		Feet
113	Cracking		BETWEEN FB's 1-2 - ARRESTED CRA OF DIAPHRAGM CONNECTION	ACK IN WEB	AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 2-3 - ARRESTED CRA OF DIAPHRAGM CONNECTION	ACK IN WEB	AT TOP	2	1		Feet
113	Cracking		OBSERVED IN 2020 INSP: CRACK NO HAS BEEN PAINTED OVER. 2018 RE FB's 6-7 - CRACK PROPAGATED 3/1 HOLE AT TOP OF DIAPHRAGM CON	PORT HAD BI 6" PAST ARR	ETWEEN	2	1		Feet
113	Corrosion		BETWEEN FB's 0-1 - PITTED AREAS SCATTERED ACROSS BOTTOM OF TOLEANED AND PAINTED	UP TO 1/8"D	-	2	8		Feet
113	Cracking		BETWEEN FB 11 AND 12, CRACK RE WEB AT FB 12.	PAIRED IN TO	OP OF	2	1		Feet
113	Cracking		BETWEEN FB's 7-8 - ARRESTED CRA	ACK IN WEB	AT TOP	2	1		Feet
113	Cracking		REPAIR OBSERVED IN 2021 INSP: C AREA HAS BEEN PAINTED OVER. 20 BETWEEN FB's 8-9 - CRACK PROPA ARREST HOLE AT TOP OF DIAPHRA	)20 REPORT I GATED 1/4" P	HAD PAST	2	1		Feet
113	Cracking		BETWEEN FB's 0-1 - ARRESTED CRA OF DIAPHRAGM CONNECTION	ACK IN WEB	AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 11-12 - ARRESTED COFF DIAPHRAGM CONNECTION.	RACK IN WE	В АТ ТОР	2	1		Feet
113	Cracking		BETWEEN FB's 8-9 - ARRESTED CRA OF DIAPHRAGM CONNECTION	ACK IN WEB	AT TOP	2	1		Feet
113	Cracking		BETWEEN FB's 5-6 - ARRESTED CRA	ACK IN WEB	AT TOP	2	1		Feet

_									
Spa	n 18		Stringer 12						
W Beam Stringer									
Elen Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113		Steel Stri	nger	420	418	1	1	0	Feet
515		Steel Pro	tective Coating	2,888	2,888	0	0	0	Square Feet
Element Number	Dofoot	Туре	Defect Descr	iption		cs	CS Qty	Maint Qty	
113	Cracking		LONGITUDINAL CRACK, 2.5" LONWEB AT FB 12, PAR ISSUED.	NG IN THE TOP O	FTHE	3	1		1 Feet
113	Cracking		(PAR) BETWEEN FB's 0-1 - CRAC ARRESTING HOLE IN COPING AT			2	1		Feet
113	Corrosion		BETWEEN FB'S 7-8 - NEW REPAIL PLATES ON BOTH SIDES OF THE 2020 INSPECTION HAD - 5/8" HOI FLANGE AT FB 8 CONNECTION V PITTED AREA - CLEANED AND P	E WÉB AT FLOOR LE IN WEB AT BO VIDE/ 8"HIGH x 3	BEAM 8, OTTOM	1			Feet
113	Corrosion		REPAIR OBSERVED IN 2020 INSF HAS BEEN CLEANED AND REPA BETWEEN FB's 9-10 - ACTIVE CO OF TOP FLANGE - NO MEASURA	INTED 2018 REPORROSION ALON	ORT HAD G TOP	1			Feet
-	General Con	nments							

Span 1	18	Stringer 13	3					
W Bea	m Stringer							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	St	eel Stringer	420	418	0	1	1	Feet
515	St	eel Protective Coating	2,206	2,206	0	0	0	Square Feet
Element Number	Defect Typ	pe Defect Desc	cription		cs	CS Qty	Maint Qty	
113 Cı	racking	(PAR) BETWEEN FB's 2-3 - 1 1/4 ACROSS BOTTOM OF WELD AT CONNECTION ON SOUTH SIDE.	DIAPHRAGM	I WEB	4	1	-	1 Feet
113 Cı	racking	LONGITUDINAL CRACK, 1/4" LO WEB AT THE WELD AT FB 12, P		F THE	3	1		1 Feet

Spa	n 18		Stringer 14						
W B	Beam String	er							
	ment nber	Element Name	Tot e Q		CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113		Steel Stringer	42	20	377	41	1	1	Feet
515		Steel Protective Coating	2,20	)6	2,188	0	0	18	Square Feet
Elemen Numbe	Dofoct T	Гуре	Defect Description			cs	CS Qty	Maint Qty	
113	Corrosion		FB's 0-1 INTERMEDIATE DIA ATE CORROSION HOLE 5" X		AGM	4	1		1 Feet
113	Connection	` ,	FB's 4-5 THIRD DIAPHRAGM SING HEADS ON CONNECTO			3	1		1 Feet
113	Corrosion	BETWEEN FB's 0 STRINGER HAS S	-12 - DIAPHRAGM CONNECT SURFACE RUST.	ION 1	ТО	2	36		Feet
113	Corrosion		-1 - AREAS ALONG EDGES C "LONG x 2" WIDE/ 5/16" REM AINTED			2	4		Feet
113	Distortion		-5 RIGHT SIDE BOTTOM FLA ISTORTION 6" LONG X 3" WI			2	1		Feet

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18 Square Feet

Effectiveness (Steel Protective Coatings) BETWEEN FB's 0-12 - DIAPHRAGM CONNECTION TO STRINGER HAS SURFACE RUST.

Span	18	LB0						
Steel	Truss Portal/Cro	ss Bracing Assembly						
Elem-		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	180	0	0	4 Squa	re Feet
911	Seconda	ry Steel Truss Member	92	88	4	0	0 Feet	
lement umber	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COAT	ING FAILURE		4	4	4 Sc	luare Feet
911	Corrosion	[PROMPT ACTION REQUEST] (3) HAVE LOSS OF SECTION UP TO . REMAINING ALONG BOTTOM 5"	296" WITH .347"	ΓES	4		3 Fe	et
911	Cracking	WEST TOWER NORTHWEST CAB WEST FACE, 4TH CABLE ROD PR 3/16" CRACK	,		3		Fe	et
911	Corrosion	NORTHWEST CABLE BANK EAST SECTION .258" WITH 3.49" REMA		OSS OF	2		Fe	et
911	Damage	IMPACT DAMAGE 9" WIDE X 1" D FLANGE OVER RIGHT EAST BOU		WEST	2	1	1 Fe	et
911	Corrosion	ROD BANK, CABLE ROD GUIDES OVER PITTING UP TO 1/8" DEEP		NTED	2		Fe	et
911	Damage	EAST BOUND LANE NORTHWEST LEAKAGE AT 2ND CABLE ANCHO		ATER	2		Fe	et
911	Damage	WEST END PORTAL LOWER SWADAMAGED AREA 12" LONG X 5/8 LEFT WEST BOUND LANE.			2		Fe	et
911	Damage	IMPACT DAMAGE 7" WIDE X 1/2" BOTTOM FLANGE OVER RIGHT V LOCATED 5' FROM L0-U1 NORTH	VESTBOUND LAN		2	1	Fe	et
911	Damage	OVERVIEW OF IMPACT DAMAGE LANE AREA 2FT LONG AREA OF PORTAL LOWER LATERAL STRU	INDENTIONS TO		2	2	Fe	et

General	Comments

Spar	n 18	LB1						
Stee	l Truss Portal/Cro	ss Bracing Assembly						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	183	0	0	1	Square Feet
911	Seconda	ry Steel Truss Member	92	91	1	0	0	Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COAT	ING FAILURE		4	1	-	1 Square Feet
911	Corrosion	SURFACE RUST ON BOLTS AT F	RANDOM.		2	1		Feet

Spar	า 18	LB2						
Stee	l Truss Portal/Cro	ss Bracing Assembly						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	183	0	0	1	Square Feet
911	Seconda	ry Steel Truss Member	92	90	2	0	0	Feet
lement lumber	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COAT	ING FAILURE		4	1		1 Square Fee
911	Corrosion	<b>RUST STAINING ALONG V2/U2 O</b>	CONNECTION PLAT	E.	2	1		Feet
911	Corrosion	SURFACE RUST ON BOLTS AT (PLATE.	CENTER CONNECT	OR	2	1		Feet

Span		LB3						
Steel	Truss Portal/Cro	ss Bracing Assembly						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	183	0	0	1 5	Square Feet
911	Seconda	ry Steel Truss Member	92	90	2	0	0 F	eet
lement lumber	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATIN	NG FAILURE		4	1	1	Square Feet
911 I	Damage	IMPACT DAMAGE 10" WIDE X 1/4' FLANGES OVER RIGHT WESTBO! 13' FROM L3-U3 NORTH.			2			Feet
911 I	Damage	IMPACT DAMAGE 16" WIDE X 1-1/ BOTH FLANGES OVER RIGHT EA			2	2	2	Feet

Spar	า 18	LB4						
Stee	l Truss Portal/C							
Elem Num 515	ber	Element Name Protective Coating	<b>Total</b> <b>Qty</b> 184	<b>CS1</b> <b>Qty</b> 184	CS2 Qty 0	<b>CS3 Qty</b> 0	CS4 Qty	
911	Secon	dary Steel Truss Member	92	91	1	0	0	Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
911	Distortion	CENTER GUSSET PLATE CONN RUST THAT IS CAUSING OUT O			2	1		Feet
G	Seneral Comments							

Span 18		LB5						
Steel Tr	uss Portal/Cross Bracing As	sembly						
Element Number	Element Nam	e	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 Mem	nber	92	78	14	0	0	Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspection	on D	ate: 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 DAMAGE12" WIDE X 3/4" DEFORMATION BOTTOM WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	1	1	Feet
911	Damage	IMPACT DAMAGE16" WIDE X 1-1/2" DEFORMATION BOTTOM WEST FLANGE OVER RIGHT EAST BOUND LANE.	2	2	2	Feet

General (	Con	ıme	nts
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Spa	n 18	LB6						
Stee	el Truss Portal/Cro	ss Bracing Assembly						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	183	0	0	1	Square Feet
911	Seconda	ry Steel Truss Member	92	91	1	0	0	Feet
Elemen Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	LOCALIZED PROTECTIVE COATI	NG FAILURE		4	1		1 Square Feet
911	Corrosion	V6 TOP SWAY BRACE HAS PACE SOUTH EDGE ALONG CONNECT		ON	2	1		Feet
-	General Comments							

Spa	n 18	LB7						
Stee	el Truss Portal/Cro	ss Bracing Assembly						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	184	182	0	0	2	Square Feet
911	Seconda	ry Steel Truss Member	92	88	4	0	0	Feet
lement	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATI	NG FAILURE		4	2	2	2 Square Feet
911	Damage	IMPACT DAMAGE 9" WIDE X 3/4" FLANGE OVER RIGHT WESTBOUFROM L7-U7 NORTH.			2	1		Feet
911	Damage	IMPACT DAMAGE 20" WIDE X 1-1/ WEST FLANGE OVER RIGHT EAS		N IN	2	2	2	2 Feet
911	Damage	IMPACT DAMAGE 12" WIDE X 3/4" FLANGE OVER RIGHT EAST BOU		IN EAST	2	1	1	I Feet

Span 18		LB9						
Steel Tr	uss Portal/Cross Brad	ing Assembly						
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Co	ating	184	182	0	0	2	Square Feet
911	Secondary Steel Tr	uss Member	92	86	5	1	0	Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspection	on D	ate: 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

Spa	n 18	LB11											
Stee	Steel Truss Portal/Cross Bracing Assembly												
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty						
515	Steel Pro	tective Coating	184	181	0	0	3 Square Feet						
911	Seconda	ry Steel Truss Member	92	83	3	6	0 Feet						
Elemen Numbe	Dofoct Typo	Defect Description	1		cs	CS Qty	Maint Qty						
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING F	FAILURE		4	3	3 Square Feet						
911	Damage	BOTTOM SWAY BRACE END PORTAL 2-1/4" DEFORMATION OVER RIGHT W			3	3	Feet						
911	Damage	BOTTOM SWAY BRACE END PORTAL 1-1/2" DEFORMATION OVER LEFT WE			3	3	Feet						
911	Damage	BOTTOM SWAY BRACE END PORTAL 1/2" DEFORMATION OVER LEFT WEST			2	1	Feet						
911	Damage	BOTTOM SWAY BRACE END PORTAL 1-1/2" DEFORMATION OVER RIGHT EA			2	2	2 Feet						

Spar	n 18	LB12					
Stee	l Truss Portal/Cro	ss Bracing Assembly					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Pro	tective Coating	184	177	0	0	7 Square Feet
911	Seconda	ry Steel Truss Member	92	47	42	3	0 Feet
Element Number	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATIN	IG FAILURE		4	7	7 Square Feet
911	Corrosion	[PROMPT ACTION REQUEST] EAS STIFFNER RIGHT OF NORTHWEST SETION .392" WITH .134" REMAINI HIGH ON WEB AND FLANGES.	CABLE BANK L	OSS OF	3	1	1 Feet
911	Corrosion	[PROMPT ACTION REQUEST] EAS SOUTHWEST CABLE EYE BAR GU OF SETION .234" WITH .406" REMA4" HIGH.	IDE PLATES HAV		3		Feet
911	Corrosion	[PROMPT ACTION REQUEST] EAS STIFFNER RIGHT OF NORTHWEST SECTION .334" WITH .321" REMAIN 1/2" HIGH ON WEST FLANGE.	CABLE BANK L	OSS OF	3	1	1 Feet
911	Corrosion	[PROMPT ACTION REQUEST] EAS NORTWEST CABLE BANK, RIGHT LOSS OF SECTION 1-1/4" WIDE ON BOTTOM 4" HIGH.	STIFFNER, COM		3	1	1 Feet

Structure	Number: <u>640013</u>			Inspect	ion 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

Gusset Plate - Pr	imary						
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	Qty	
Steel Gus	sset Plate	1	0	0	0	1	Each
Steel Pro	tective Coating	50	48	0	0	2	Square Feet
Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Connection				4	1		1 Each
Corrosion	SURFACE RUST ON BOLTS.			2			Each
Corrosion				2			Each
Effectiveness (Steel Protective Coatings)	SURFACE RUST ON BOLTS			4	2		Square Feet
( ) ( )	ent ber Steel Gus Steel Pro  Defect Type  Connection  Corrosion  Corrosion  Effectiveness (Steel	Defect Type  Defect Type  Defect Type  Defect Desc  Connection  Corrosion  Corrosion  Defect Desc  SURFACE RUST ON BOLTS.  PITTED AREAS ON NORTH AND 1/16"D SCATTERED ALONG TO CLEANED AND PAINTED.  Effectiveness (Steel  SURFACE RUST ON BOLTS	ent Element Name Qty Steel Gusset Plate 1 Steel Protective Coating 50  Defect Type Defect Description  Connection [PROMPT ACTION REQUEST] WHEEL GUIDE WEST 3 MISSING BOLTS WITH CORROSION AT BOLT HOI SURFACE RUST ON BOLTS.  Corrosion PITTED AREAS ON NORTH AND SOUTH PLATES UI 1/16"D SCATTERED ALONG TOP OF BOTTOM CHO CLEANED AND PAINTED.  Effectiveness (Steel SURFACE RUST ON BOLTS	ent ber Element Name Qty Qty Steel Gusset Plate 1 0 Steel Protective Coating 50 48  Defect Type Defect Description  Connection [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.  Corrosion SURFACE RUST ON BOLTS.  Corrosion PITTED AREAS ON NORTH AND SOUTH PLATES UP TO 1/16"D SCATTERED ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED.  Effectiveness (Steel SURFACE RUST ON BOLTS	ent Element Name Qty Qty Qty Steel Gusset Plate 1 0 0 Steel Protective Coating 50 48 0  Defect Type Defect Description CS  Connection [PROMPT ACTION REQUEST] WHEEL GUIDE WEST PLATE 3 MISSING BOLTS WITH CORROSION AT BOLT HOLES.  Corrosion SURFACE RUST ON BOLTS. 2  Corrosion PITTED AREAS ON NORTH AND SOUTH PLATES UP TO 1/16"D SCATTERED ALONG TOP OF BOTTOM CHORD - CLEANED AND PAINTED.  Effectiveness (Steel SURFACE RUST ON BOLTS 4	Part   File   File	ent Element Name Qty

Span 18 Steel Gu	sset Plate - I	Primary						
Element Number 162	Steel G	Element Name usset Plate	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective Coating	15	15	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
162 Corro	osion	PITTIED 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

		•						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	usset Plate	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	40	38	0	0	2	Square Feet
lement lumber De	fect Type	Defec	t Description		CS	CS Qty	Maint Qty	
162 Corrosi	on	INSIDE PLATE, NORTH FA 1/8"D ACROSS FULL WIDT CHORD - CLEANED AND F	TH ALONG TOP OF BOTT	ОМ	3	1		1 Each

Structure Number: 640013

162 Damage DIRT AND DEBRIS BUILDUP ON TOP OF BOTTOM CHORD. 2 Each

515 Effectiveness (Steel Protective Coatings) RUST ON EXPOSED STEEL ON INSIDE FACES OF GUSSET PLATES ALONG TOP OF BOTTOM CHORD DUE TO DEBRIS ACCUMULATION

Inspection Date: 12/20/2021

2 Each

2 2 2 Square Feet

RUST ON EXPOSED STEEL ON INSIDE FACES OF GUSSET PLATES ALONG TOP OF BOTTOM CHORD DUE TO DEBRIS ACCUMULATION

**General Comments** 

Span 18		L3 NORT	Н					
Steel Guss	et Plate - I	Primary						
Element Number	Stool C	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Foob
162 515		usset Plate rotective Coating	15	0 15	0	0		Each Square Feet
Element Number De	efect Type	Defect De	scription		cs	CS Qty	Maint Qty	
162 Corrosi	ion	SECTION LOSS UP TO 1/8" DE ON NORTH AND SOUTH PLAT CHORD - CLEANED AND PAIN PAR ISSUED.	ES ALONG TOP OF B	ОТТОМ	4	1	-	1 Each
General	Comments							

Steel	Gusset Plate - P	rimary						
Eleme	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gu	sset Plate	1	1	0	0	0	Each
515	Steel Pro	tective Coating	40	38	0	0	2	Square Feet
lement	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COAT FACES OF GUSSET PLATES A TO DEBRIS ACCUMULATION.			4	2	•	2 Square Feet

		-							
Element Number 162	Stool G	Element Name		Total Qty	<b>CS1</b> <b>Qty</b> 0	CS2 Qty	CS3 Qty	CS4 Qty	
102	Sieer G	ussei Flate		1	U	U	1	U	Each
515	Steel P	otective Coating		15	15	0	0	0	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
162 Corro	osion		I INSIDE FACES OF PI FULL WIDTH OF PLA D AND PAINTED			3	1		1 Each

Spa	n 18	L6 NORTH						
Stee	el Gusset Plate - P	rimary						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gu	sset Plate	1	0	1	0	0	Each
515	Steel Pro	tective Coating	40	38	0	0	2	Square Feet
Elemen Number	Dofoot Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
162	Corrosion	ON THE NORTH AND SOUTH INS AT TOP OF CHORD, 1/8" DEEP P HIGH. AREA CLEANED AND PAIR	ITTING, 16" LONG		2			Each
162	Damage	DIRT AND DEBRIS BUILDUP ON	TOP OF BOTTOM	CHORD.	2			Each
162	Connection	REPAIR OBSERVED IN 2020 INST REPLACED AREA HAS BEEN PA REPORT HAD SHEARED BOLT O SIDE OF L6.	INTED OVER. 2018	3	2	1		Each
162	Connection	(3) NEW BOLTS IN BOTTOM GUS LATERAL BRACING CONNECTION		AM AND	1			Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATIN FACES OF GUSSET PLATES ABO TO DEBRIS ACCUMULATION			4	2	;	2 Square Fee

Spa	ın 18	L8 NORTH						
Stee	el Gusset Plate - Pr	rimary						
	ment nber Steel Gus	Element Name eset Plate	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
515	Steel Pro	tective Coating	40	38	0	0	2 Square	e Feet
Elemen Numbe	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
	Dofoct Typo	Defect Description SOUTH PLATE, SOUTH FACE - 3"H x UP TO 1/4"D ALONG BOTTOM ON WE AND PAINTED	18"L PITTED /		<b>cs</b> 3	CS Qty		h
Numbe	r Defect Type	SOUTH PLATE, SOUTH FACE - 3"H x UP TO 1/4"D ALONG BOTTOM ON WE	18"L PITTED / ST SIDE - CLI AILING ON INS	EANED SIDE		2 CS Qty	<b>Qty</b> Eac	h are Feet

Spa	ın 18	L10 NORTH						
Stee	el Gusset Plate - Pi	rimary						
	ment mber	Element Name	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	Each
515		tective Coating	40	38	0	0		Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
162	Corrosion	BOTTOM LATERAL GUSSET AT L10 LONG AREA ON EAST SIDE AT BO SECTION LOSS WITH 1/4" REMAINI	TTOM CHORD HA	AS 1/4"	4	1	-	1 Each
162	Corrosion	UP TO 90% LOSS TO FASTENERS A	AT TOP SPLICE F	PLATE -	3			1 Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATING FACES ABOVE BOTTOM CHORD D ACCUMULATION		IDE	4	2	;	2 Square Feet
•	General Comments							

Span 18	3	L12 N	ORTH					
Steel Gu	usset Plate - F	Primary						
Element Number 162		Element Name usset Plate	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pr	otective Coating	50	50	0	0	0	Square Feet
Element Number	Defect Type	Defec	t Description		cs	CS Qty	Maint Qty	
162 Cori	rosion	PITTED AREAS ON NORTH 1/16"D SCATTERED ALON CLEANED AND PAINTED			2	1		Each
Gene	eral Comments							

Span	18	U0 NORTH						
Steel	Gusset Plate - Pi	rimary						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gus	sset Plate	1	1	0	0	0	Each
515	Steel Pro	tective Coating	15	10	0	0	5	Square Feet
lement umber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)					5		5 Square Feet
G	eneral Comments							_

Span 18		U1 NORT	ГН					
Steel Gus	set Plate - I	Primary						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	usset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
162 Distor	rtion	BOTTOM GUSSET CONNECTI CONNECTION HAS 1/4" OUT ( PACK RUST BETWEEN PLATI CLEANED AND PAINTED	OF PLANE BENDING V		2			Each
162 Corro	sion	TOP GUSSET CONNECTION F BENDING WITH PACK RUST F		NE	2	1		Each
162 Corro	sion	2021 INSPECTION: NOTE MOV	VED TO U12 NORTH		1			Each
			VED TO U12 NORTH.					Each

								sp 0 0 t. 0	<u> </u>
Spa	an 18		U2 NORTH						
Ste	el Gusset P	late - Primary							
	ment mber	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162		Steel Gusset Plate		1	0	0	1	0	Each
515		Steel Protective Co	ating	15	15	0	0	0	Square Feet
Elemer Numbe	Dofoct "	Гуре	Defect Descr	iption		cs	CS Qty	Maint Qty	
162	Corrosion	CONNEC	K RUST UNDER BOTTOM TION TO DIAGONAL EAS CTION LOSS TO BOTTOM	ST SIDE OF U2, AL		3	1		Each
162	Corrosion	UNDERS	G X 1-1/2" WIDE AREA 1/3 IDE OF TOP GUSSET PL/ D AND PAINTED.)		-	3			Each
162	Distortion	BENDING	GUSSET PLATE HAS 1/8" G DUE TO PACK RUST BI SS. (PAR)		N	3			1 Each
162	Connection	-	E GAP TO GUSSET PLAT IDE OF LATERAL CONN.		DE.	2			Each
	General Comr	ments							

Spa	an 18		U3 NORTH					
Ste	el Gusset Pl	late - Primary						
	ment mber	Element Name Steel Gusset Plate	Tota Qt				CS4 Qty 0 E	Each
515		Steel Protective Coating	4	0 40	0	0	0 8	Square Feet
Eleme	Defect T	Гуре	Defect Description		cs	CS Qty	Maint Qty	
162	Corrosion		' WIDE AREA 1/8" SECTION L OP GUSSET PLATE U3. (ARI AINTED.)		3	1	·	Each
162	Distortion		ATE: OUT OF PLANE BENDIN I 1/8" LOSS OF SECTION AND		3		1	Each
		REMAINING ALON	NG PLATE EDGES. (PAR)					

Spa	n 18		U4 NOR	TH					
Stee	el Gusset F	Plate - I	Primary						
Elen Num 162		Steel G	Element Name usset Plate	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 1	CS4 Qty	
515		Steel P	rotective Coating	15	15	0	0	0	Square Feet
lement lumber	Dofoct	Туре	Defect D	Description		cs	CS Qty	Maint Qty	
162	Corrosion		18" LONG X 1" WIDE AREA 1 UNDERSIDE OF TOP GUSSE CLEANED AND PAINTED.)			3	1		1 Each
162	Corrosion		7" LONG X 3/8" DEEP PACT I GUSSET PLATE.	RUST BOTTON OF TOP		2			Each
162	Corrosion		BOTTOM OF TOP GUSSET P BRACE 7" X 1" X 3/16" DEEP PAINTED.			2			Each

18	U5	NORTH					
Gusset Pla	ate - Primary						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
8	Steel Gusset Plate	1	0	0	1	0	Each
8	Steel Protective Coating	40	40	0	0	0	Square Feet
Defect Ty	/pe D	efect Description		cs	CS Qty	Maint Qty	
orrosion	UNDERSIDE OF TOP O	GUSSET PLATE U5. (AREA IS	-	3	1		Each
istortion	OUT OF PLANE BEND U5-U6 CONNECTION.	ING 1/4' ON TOP GUSSET PL	ATE AT	2			Each
	nt er S	Gusset Plate - Primary  Inter Element Name Steel Gusset Plate Steel Protective Coating  Defect Type D Orrosion 12" LONG X 1" WIDE A UNDERSIDE OF TOP C CLEANED AND PAINT istortion OUT OF PLANE BEND	Gusset Plate - Primary  Int Element Name Qty Steel Gusset Plate 1 Steel Protective Coating 40  Defect Type Defect Description  Orrosion 12" LONG X 1" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U5. (AREA IS CLEANED AND PAINTED.)  istortion OUT OF PLANE BENDING 1/4' ON TOP GUSSET PLATE	Intersect Plate - Primary  Intersect Element Name  Element Name  Steel Gusset Plate  Steel Protective Coating  Defect Type  Orrosion  12" LONG X 1" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U5. (AREA IS CLEANED AND PAINTED.)  istortion  OUT OF PLANE BENDING 1/4' ON TOP GUSSET PLATE AT	Int Element Name Total CS1 CS2 Qty Qty Qty Steel Gusset Plate 1 0 0 Steel Protective Coating 40 40 0  Defect Type Defect Description CS orrosion 12" LONG X 1" WIDE AREA 1/8" SECTION LOSS TO UNDERSIDE OF TOP GUSSET PLATE U5. (AREA IS CLEANED AND PAINTED.) istortion OUT OF PLANE BENDING 1/4' ON TOP GUSSET PLATE AT 2	CS	Total   CS1   CS2   CS3   CS4

General	Comments	
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Spa	n 18		U6 NOR	TH					
Stee	l Gusset F	Plate - I	Primary						
Elen Num		041-0	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162 515			susset Plate rotective Coating	15	0 15	0	0	_	Each Square Feet
lement lumber	Dofoct	Туре	Defect D	Description		cs	CS Qty	Maint Qty	
162	Corrosion		1/4" WIDE X 10" LONG AREA TOP GUSSET PLATE AT WE		OM OF	2	1		Each
162	Corrosion		TOP GUSSET: CORROSION / FACE, 30" LONG THAT HAS AND ARRESTED.			2			Each

General	Comments

Spa	n 18		U	J7 NORTH						
Stee	el Gusset F	Plate - P	rimary							
Elen Nun	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162		Steel Gu	sset Plate		1	0	0	1	0	Each
515		Steel Pro	otective Coating		40	40	0	0	0	Square Feet
Elemen	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
162	Corrosion		40" LONG X 1-1/2"" V UNDERSIDE OF TOF CLEANED AND PAIN	GUSSET PLATE U			3	1		Each
162	Distortion		TOP GUSSET PLATE DUE PACK RUST.	E HAS OUT OF PLAI	NE BENDIN	G 1/4"	2			Each
7	General Com	ments								

Element		Total	CS1	CS2	CS3	CS4	1
Number	Element Name	Qty	Qty	Qty	Qty	Qty	
162	Steel Gusset Plate	1	0	0	1	0	Each
515	Steel Protective Coating	15	15	0	0	0	Square Feet

Structure	Number: <u>640013</u>			Inspect	tion Date: 12/20/2021
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

Spa	ın 18		U9	NORTH						
Ste	el Gusset F	Plate - P	rimary							
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162		Steel Gu	isset Plate		1	0	0	1	0	Each
515		Steel Pro	otective Coating		40	40	0	0	0	Square Feet
Elemer Numbe	Dofoct	Туре	D	efect Description			cs	CS Qty	Maint Qty	
162	Corrosion		35" LONG X 1-1/2" WIE UNDERSIDE OF TOP C CLEANED AND PAINT	GUSSET PLATE US			3	1		Each
162	Distortion		U9 TOP GUSSEST PLA 1/2" DUE TO PACK RU		PLANE BEI	NDING	2			Each
	General Com	ments								

Spar	n 18	U10 NORT	'H					
Stee	Gusset Plate -	Primary						
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
162	Steel G	susset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	15	15	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
162	Connection	3/8" GAP TO GUSSET PLATE U BRACING @ U10 NORTH SIDE.	NDER LATERAL CR	oss	2			Each
162	Connection	OUT OF PLANE BENDING 3/8" ( GUSSET PLATE @ U10 NORTH		F	2	1		Each
G	Seneral Comments							

Span	18	U11 NOR	ГН					
Steel	Gusset Plate - I	Primary						
Eleme Numb	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	•
162	Steel G	usset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
<b>162</b> C	Corrosion	COOROSION WITH PITTING U ALONG BOLT CONNECTIONS. PAINTED AND CORROSION AR	AREA HAS BEEN CL	— –	2	1		Each

Span 1	18	U12 NORTH						
Steel C	Gusset Plate - Pr	imary						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gus	sset Plate	1	0	0	0	1	Each
515	Steel Pro	tective Coating	15	10	0	0	5	Square Feet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
162 Co	onnection	[PROMPT ACTION REQUEST] WHI PLATE 20 MISSING BOLTS WITH CHOLES.			4	1		1 Each
162 Co	orrosion	CORROSION IN BOTTOM GUSSET BEEN CLEANED PAINTED AND AR		A HAS	2			Each
162 Co	orrosion	WHEEL GUIDE TOP OF BOTTOM F CORROSION.	PLATE HAS SURF	ACE	2			Each
	fectiveness (Steel otective Coatings)	WHEEL GUIDE TOP OF BOTTOM F CORROSION.	PLATE HAS SURF	ACE	4	5	!	5 Square Feet
-	neral Comments							

Span 18		L0 SOU	ТН					
Steel Gu	usset Plate - F	Primary						
Element Number 162	Steel G	Element Name	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	50	50	0	0	_	Square Feet
Element Number	Defect Type	Defect D	Description		cs	CS Qty	Maint Qty	
162 Cori	rosion	PITTED AREAS ON NORTH A 1/16"D SCATTERED ALONG CLEANED AND PAINTED			2	1		Each
Gene	ral Comments							

Spa	an 18	L2 SOU	тн					
Ste	el Gusset Plate - I	Primary						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	usset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	40	38	0	0	2	Square Feet
Eleme	Dofoct Typo	Defect I	Description		cs	CS Qty	Maint Qty	
162	Corrosion	SURFACE RUST ON AREAS TOP OF BOTTOM CHORD	OF EXPOSED STEEL	ALONG	2	1		Each
515	Effectiveness (Steel Protective Coatings)		HORD DUE TO DEBRIS	,	4	2	:	2 Square Feet
	<b>General Comments</b>							

Stee	el Gusset Plate - P	rimary						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gu	sset Plate	1	1	0	0	0	Each
515	Steel Pro	tective Coating	40	38	0	0	2	Square Feet
lement lumber	Dofoct Typo	D	efect Description		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)		/E COATING FAILING ON IN: .ATES ABOVE BOTTOM CHO ATION		4	2		2 Square Feet

<b>General Comments</b>
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Spa	n 18	L6 S	SOUTH					
Stee	el Gusset Plate	- Primary						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Stee	el Gusset Plate	1	1	0	0	0	Each
515	Stee	el Protective Coating	40	38	0	0	2	Square Feet
Elemen Numbe	Dofoct Type	Def	ect Description		cs	CS Qty	Maint Qty	
515	Effectiveness (St Protective Coatin		E COATING FAILING ON IN ATES ABOVE BOTTOM CH ATION.		4	2		2 Square Feet
-	General Comment	<u> </u>						

Span	18	L8 SOUT	Н					
Steel	Gusset Plate - Pr	rimary						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gus	sset Plate	1	1	0	0	0	Each
515	Steel Pro	tective Coating	40	38	0	0	2	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COA FACES OF GUSSET PLATES A TO DEBRIS ACCUMULATION			4	2		2 Square Feet
G	eneral Comments							

Spa	n 18	L10 SOUT	Н					
Stee	el Gusset Plate - P	rimary						
	ment nber Steel Gu	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		etective Coating	40	38	0	0	-	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	AREAS OF PROTECTIVE COATS FACES OF GUSSET PLATES AS TO DEBRIS ACCUMULATION			4	2	:	2 Square Feet
-	General Comments							

Span 1	o Jusset Plate - F	L12 SO Primary	JIH					
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	usset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Element Number	Defect Type	Defect D	Description		cs	CS Qty	Maint Qty	
162 Co	rrosion	PITTED AREAS ON NORTH A 1/16"D SCATTERED ALONG CLEANED AND PAINTED			2	1	·	Each

**General Comments** 

Spar	า 18	U0 SOUTH	1					
Stee	l Gusset Plate - Pr	imary						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gus	sset Plate	1	0	0	0	1	Each
515	Steel Pro	tective Coating	15	13	0	0	2	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
162	Corrosion	(PROMPT ACTION REQUEST) BHOLE CORROSION WITH HOLE		ACCESS	4	1		1 Each
162	Corrosion	AT LATERAL BRACING CONNEBOLTS	CTION SURFACE R	UST ON	2			Each
	Effectiveness (Steel Protective Coatings)	AT LATERAL BRACING CONNEBOLTS	CTION SURFACE R	UST ON	4	1		Square Feet
	Effectiveness (Steel Protective Coatings)	BOTTOM PLATE AT ACCESS H HOLE 5" X 2" HOLE.	OLE CORROSION W	/ITH	4	1		1 Square Feet
<u>-</u>	General Comments							

Span	18		U2 SOUTH						
Steel	Gusset Pla	ate - Primary							
Elem Numi		Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	5	Steel Gusset Plate		1	0	1	0	0	Each
515	5	Steel Protective Coating		15	15	0	0	0	Square Feet
lement lumber	Defect Ty	/pe	Defect Description	1		cs	CS Qty	Maint Qty	
162	Corrosion	HAS 1/4" OUT C	CONNECTION TO L1U F PLANE BENDING TO DE OF GUGUSSET PL	CORNER O		2	1	-	Each
162	Corrosion	PLATE CONNEC	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		ING & SECTION LOSS OR A LENGTH OF 15FT			2			Each

Span 1	18	U3 SOUT	ГН					
Steel 0	Gusset Plate -	Primary						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel C	Gusset Plate	1	0	0	1	0	Each
515	Steel F	Protective Coating	40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
162 C	orrosion	40" LONG X 2" WIDE AREA O UNDERSIDE OF GUSSET PLA THICKNESS 5/16" AND 3/16" CLEANED AND PAINTED.)	TE U3. ORIGINAL		3	1	·	1 Each
Ge	neral Comments	-						

Steel Gus	set Plate - I	Primary						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	-
162	Steel G	susset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	15	15	0	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
162 Corro	sion	40" LONG X 1/2" WIDE AREA 1/1 UNDERSIDE OF TOP GUSSET PI CLEANED AND PAINTED.)		. •	2	1	·	Each

18	U5 SOUTH						
Gusset Plate -	- Primary						
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel	Gusset Plate	1	0	0	1	0 E	ach
Steel	Protective Coating	40	40	0	0	0 S	quare Feet
Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
corrosion	UNDERSIDE OF GUSSET PLATE	U5 (SOUTH SIDE.	(5/16"	3			Each
corrosion				3	1		Each
	Steel  Defect Type orrosion	Gusset Plate - Primary  Int  Int  Int  Int  Int  Int  Int  In	Action of the corrosion and the corrosion and the corrosion are corrosion and the corrosion and the corrosion and the corrosion are corrosion and the corros	Gusset Plate - Primary  Int Element Name Qty Qty Steel Gusset Plate 1 0 Steel Protective Coating 40 40  Defect Type Defect Description  Orrosion 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.  TOP CHORD GUSSET PLATE CONNECTION TO U5 SOUTH SIDE HAS AN AREA CLEANED AND PAINTED SHOWING	Gusset Plate - Primary  Int Element Name Qty Qty Qty Steel Gusset Plate 1 0 0 Steel Protective Coating 40 40 0  Defect Type Defect Description CS  Orrosion 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.  TOP CHORD GUSSET PLATE CONNECTION TO U5 SOUTH SIDE HAS AN AREA CLEANED AND PAINTED SHOWING	Ant Element Name Otty Otty Otty Otty Otty Otty Otty Ott	Gusset Plate - Primary  Int Element Name Qty Qty Qty Qty Qty Qty Qty Steel Gusset Plate 1 0 0 1 0 5  Steel Protective Coating 40 40 0 0 0 0 5  Defect Type Defect Description CS CS Qty Maint Qty Orrosion 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.  OTO TOP CHORD GUSSET PLATE CONNECTION TO U5 SOUTH SIDE OF GUSSET PLATE U5 (SOUTH SIDE. (5/16" ORIGINAL THICKNESS WITH 3/16" REMAINING.

Span 18		ι	16 SOUTH						
Steel Gu	usset Plate - I	Primary							
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	iusset Plate		1	0	0	1	0	Each
515	Steel P	rotective Coating		15	14	0	0	1	Square Feet
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
162 Cori	rosion		SECTION LOSS TO U LATE. (3/16" REMAINI			3			Each

Structure	Number: <u>640013</u>			Insped	ction Date: <u>12/20/2021</u>
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				

18		U7 SOUT	ГН					
Gusset P	late - P	rimary						
ent ber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
	Steel Gu	sset Plate	1	0	0	1	0	Each
	Steel Pro	tective Coating	40	40	0	0	0	Square Feet
Defect	Туре	Defect De	escription		cs	CS Qty	Maint Qty	
Corrosion		SECTION LOSS TO UNDERSI	DE OF GUSSET PLATI	==	3	1		Each
Distortion				PLATE	2			Each
	Gusset Pent per Defect Corrosion	Gusset Plate - Property Steel Gus Steel Property Defect Type	Gusset Plate - Primary  ent Der Element Name Steel Gusset Plate Steel Protective Coating  Defect Type  Corrosion  40" LONG X 1 1/2" WIDE ARE SECTION LOSS TO UNDERSI SOUTH SIDE. (3/8" REMAININ Distortion  OUT OF PLANE BENDING TO	Gusset Plate - Primary  ent Element Name Qty Steel Gusset Plate 1 Steel Protective Coating 40  Defect Type Defect Description  Corrosion 40" LONG X 1 1/2" WIDE AREA OF CLEANED AND IS SECTION LOSS TO UNDERSIDE OF GUSSET PLATE SOUTH SIDE. (3/8" REMAINING) Distortion OUT OF PLANE BENDING TO TOP CHORD GUSSET	Gusset Plate - Primary  ent Element Name Qty Qty Steel Gusset Plate 1 0 Steel Protective Coating 40 40  Defect Type Defect Description  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)	Gusset Plate - Primary  ent Element Name Qty Qty Qty Steel Gusset Plate 1 0 0 Steel Protective Coating 40 40 0  Defect Type Defect Description CS  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) Distortion OUT OF PLANE BENDING TO TOP CHORD GUSSET PLATE 2	Gusset Plate - Primary  Total CS1 CS2 CS3  Der Element Name Qty Qty Qty Qty Qty  Steel Gusset Plate 1 0 0 0 1  Steel Protective Coating 40 40 0 0 0  Defect Type Defect Description CS CS Qty  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)  Distortion OUT OF PLANE BENDING TO TOP CHORD GUSSET PLATE 2	Gusset Plate - Primary  Total CS1 CS2 CS3 CS4 Der Element Name Qty Qty Qty Qty Qty Qty Steel Gusset Plate 1 0 0 1 1 0  Steel Protective Coating 40 40 0 0 0 0  Defect Type Defect Description CS CS Qty 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) Distortion OUT OF PLANE BENDING TO TOP CHORD GUSSET PLATE

Span	18	U8 SOUT	Н					
Steel	Gusset Plate -	Primary						
Eleme Numb	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	susset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	15	15	0	0	0	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
162 C	orrosion	PITTING UP TO 1/8" HAS BEEN ARRESTED ON BOTTOM FACE	,	D AND	2			Each
162 C	onnection	EAST SIDE TOP CONNECTION MISSING (1) BOLT	TO LATERAL BRAC	ING	2	1		1 Each
Ge	neral Comments							

Spa	n 18		U9 SOUTH						
Stee	el Gusset P	late - Primary							
Elen Nun	nent nber	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
Elemen Number	Dofoct '	Гуре	Defect Description			cs	CS Qty	Maint Qty	
162	Corrosion		" WIDE AREA OF CLEA O UNDERSIDE OF GUS			3	1		Each
162	Distortion	PLATE IS OUT OF PACK RUST.	PLANE 1/8" OVER COI	NNECTION	DUE	2			Each

Spa	an 18		U10	O SOUTH						
Ste	el Gusset l	Plate - P	rimary							
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162		Steel Gu	sset Plate		1	0	0	1	0	Each
515		Steel Pro	otective Coating		15	15	0	0	0	Square Feet
Eleme	Dofoct	Туре	De	efect Description			cs	CS Qty	Maint Qty	
162	Corrosion		1 MISSING NUT TO TO PLATE CONNECTION E SOUTH.			-	3	1		Each
162	Distortion		U10 TOP GUSSET IS O RUST ON BOTTOM OF		'H 1/4" PA	CK	2			Each
	General Con	nments								

•								
Steel Gu	usset Plate - I	Primary						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel G	usset Plate	1	0	1	0	0	Each
515	Steel P	rotective Coating	40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
162 Cori	rosion	BOTTOM OF TOP GUSSET P X 1/2" AREA OF PITTING UP		DE 15"	2	1		Each

U11 SOUTH

**General Comments** 

Span 18

Spa	n 18	Joint at th	e West Tower					
Fing	ger Joint							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
305	Asseml	oly Joint without Seal	54	38	16	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
305	Adjacent Deck or Header	WEST END FINGER JOINT 1" H LANES	IGHER IN EASTBOU	ND	2	16	Feet	
	General Comments							_

Spar	n 19	Deck						
•	forced Concrete	200						
Elem Num	ber	Element Name ed Concrete Deck	Total Qty 1.892	CS1 Qty 1.749	<b>CS2</b> <b>Qty</b> 143	CS3 Qty	CS4 Qty	Square Feet
Element Number	Defect Type	Defect Desc		1,743	CS	CS Qty	Maint Qty	- Coquaire i cet
	Efflorescence/Rust Staining	transverse cracking with surface bottom	efflorescence on	the deck	2	15	-	Square Feet
12	Patched Areas	[NEW REPAIR- PATCHING] FORI MAINTENANCE - large spall with deck bottom between stringer 5 a	exposed rebar or	the	2	128		Square Feet
G	Seneral Comments							

Spai	n 19		E	AST TOWER NO	RTH					
Stee	l Truss Pa	nel								
Elem Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120		Steel Tru	ss		31	0	7	24	0	Feet
515		Steel Pro	tective Coating		12,000	12,000	0	0	0	Square Feet
lement lumber	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
120	Damage		6/2020 - IMPACT DA TRUSS MEMBER - D PLATES OF MEMBE CONTINUING SOUTI IN BOTTOM PLATE A TOWER LEG), WITH DOWNWARD UP TO	DEFORMATION IN TO R BEGINING AT NW H 16'. MOST SEVERE AT POINT OF IMPAC AREAS BENT UPW/	P AND BO TOWER L DEFORM T (11'-3" I	OTTOM LEG AND MATION	3	16		Feet
120	Damage		6/2020 - IMPACT DA TRUSS MEMBER - 3 TO THE WEST - LOC (PAR)	'L SECTION ON EAS	T SIDE BE	ENT 1/2"	3	3		Feet
120	Cracking		CRACK - BOTTOM V CRACK ALONG WEI LONG LOCATED 24' (PAR)	LD AT BOTTOM EAS	T CORNE	R 9"	3	1		1 Feet
120	Cracking		6/2020 - IMPACT DA TRUSS MEMBER - C WEST CORNER 14" NORTHWEST TOWE	RACK ALONG WELI LONG - LOCATED 6	D AT BOT		3	2		2 Feet
120	Damage		6/2020 - IMPACT DA TRUSS MEMBER - D PLATE - 18"L x 8"H BENT 1/2" TO THE V TOWER LEG (PAR)	DIAGONAL CONNECT SECTION AT BOTTO	TION GUS	SET I CORNER	3	2		Feet
120	Damage		6/2020 - IMPACT DA TRUSS MEMBER - 3 EAST SIDE BENT UI UP TO 1/16"D - LOC DAMAGE TO ACTUA ONLY)	2"L SECTION OF CO PWARD 1-1/4" w/ (2) ATED 11' FROM NE	VER PLA 6-1/2"L G FOWER L	TE ON OUGES EG - NO	2	2		Feet
120	Damage		EAST TOWER: DAM BRIDGE TENDERS H			M OF	2	4		Feet
120	Distortion		BOTTOM CHORD OU NORTHWEST VERTI		FROM		2	1		Feet
120	Damage		6/2020 - IMPACT DA TRUSS MEMBER - (2 (1) ~1/2" DIAMETER EAST CORNER AT 1	2) 1"W x 3/4"L x 3/16 x 1/16"D INDENTION	"D GOUG I ON BOT	ES, AND	2			Feet

Spa	n 19		EAST TOWER SOUTH					
Stee	el Truss Pa	nel						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
120		Steel Truss	31	30	1	0	0 F	eet
515		Steel Protective Coating	12,000	12,000	0	0	0 8	Square Feet
Elemen Numbe	Dofoot	Туре	Defect Description		cs	CS Qty	Maint Qty	
120	Corrosion	X 4" LONG IN VEI GUSSET ALONG	N .196" WITH .304" REMAINING TICAL/DIAGONAL/BOTTOM CH TOP EDGE WITH TOTAL LOSS ( TOP EDGE OF PLATE.	ORD	2	1		Feet
120	Distortion	SOUTHWEST TO EAST END 12" X	VER LEG NORTH FACE GUSSE	T PLATE	2			Feet

Feet

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

**General Comments** 

Cracking

120

Spa	n 19	Floor Beam	1 2					
WT	ype Steel Floor Be	am						
	nent nber Steel Flo	Element Name or Beam	<b>Total</b> <b>Qty</b> 62	<b>CS1</b> <b>Qty</b> 30	CS2 Qty 30	CS3 Qty 2	CS4 Qty 0 F	- eet
515	Steel Pro	tective Coating	1,112	1,082	0	0	30 \$	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
152	Corrosion	HOLE 1" DIAMETER IN BOTTOM SIDE.	OF STIFFNER 3 C	ON EAST	3	1	1	Feet
152	Corrosion	HOLE 1/4" DIAMETER IN BOTTO EAST SIDE .	M OF STIFFNER 2	ON	3	1	1	Feet
152	Corrosion	EAST FACE TOP OF BOTTOM FL FRECKLED RUST AT RANDOM	ANGE AND LOW	ER WEB	2	30		Feet
515	Effectiveness (Steel Protective Coatings)	EAST FACE TOP OF BOTTOM FL FRECKLED RUST AT RANDOM	ANGE AND LOW	ER WEB	4	30	30	Square Feet
-	General Comments							

Spa	n 19	Joint at t	he East Tower					
Fing	ger Joint							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
305	Assemb	oly Joint without Seal	54	20	4	30	0 Fe	et
Elemen	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
305	Adjacent Deck or Header	EAST END FINGER JOINT UP WESTBOUND LANES	TO 1" HIGHER IN		3	30	30	Feet
305	Adjacent Deck or Header	FINGER PLATE ANCHOR PLA ON TO BOTTOM FLANGE FUL FLANGE OF CHANNEL.		_	2	4		Feet
-	General Comments							

Spa	an 20	Deck						
Rei	inforced Concrete	Deck						
Nu	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	8,441	7,837	593	11	0 S	Square Feet
Eleme Numb	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
12	Delamination/Spall	spall with exposed rebar on the dec 4 at bent 18 (16" x 8" x 1 1/2")	ck bottom behin	d girder	3	2	2	Square Feet
12	Delamination/Spall	deck bottom: (x2) spalls on the dec bent 18 up to (48" x 4" x 1" deep).	k bottom in bay	5 at	3	8	8	Square Feet
12	Delamination/Spall	deck bottom: spall with no exposed 16 (7" x 5" x 3")	d steel in bay 4	at bent	3	1	1	Square Feet
12	Patched Areas	DECK HAS NEW OVERLAY AND GI INSPECTION: (2018 INSPECTION spalling with no exposed steel on t EBL at bent 18 (72" x 3" x 1 1/2")	STATES) delar		2	6		Square Feet

Structure	Number: <u>640013</u>			Inspe	ection D	ate: <b>12/20/2021</b>
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					

Spa	n 20	Beam 1						
Plate	e Girder							
	nent nber	Element Name Steel Open Girder/Beam	Total Qty 134	CS1 Qty 4	<b>CS2</b> <b>Qty</b> 128	CS3 Qty 2	CS4 Qty 0 Feet	
515		Steel Protective Coating	2,278	2,150	120	0	8 Square Feet	
Elemen Number	Dotoot	Type Defect Des	cription		cs	CS Qty	Maint Qty	_
107	Corrosion	PRIORITY MAINTENANCE - "nailer" beam on top of string 3 between brace 3 and 4 on the top flange: active corrosic and section loss with (11/32") remaining for the full length and width of the top flange (PM)  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 (x3) nuts on the web nate.			3		8 Feet	
107	Corrosion	PRIORITY MAINTENANCE - Brace East Face: section loss on the bounded brace beam at the web (7" x 1 3/	cket 4 at WB Parkir octtom flange/plate (4") with (5/8") remands nuts on the botton outs on the web plands by up to (1/16") in	of the aining; n flange; te; to the	3	2	2 Feet	
107	Corrosion	OBSERVED IN 2020 INSP: area is repainted 2018 report had PM - is bottom flange at bracket 4: (x2) and section loss (5" x 1 1/2") by and (2" x 2") by up to (1/16") with web	oottom web and to areas of active cor up to (1/16") into t	p of rosion he flange	2		Feet	
107	Corrosion	OBSERVED IN 2020 INSP: area repainted 2018 report had PM - to between stringer 2 and 3 between loss with (7/16") remaining for (reast face (west face similar), del	op flange of suppo en brace 3 and 4: s 11" long x 3" wide)	ort ection on the	2		Feet	
107	Corrosion	OBSERVED in 2020 insp: area h repainted, several bolts have be report had PM - Bracket 1 at WB section loss on the bottom flang at the web (7" x 1 3/4") with (5/8' section loss on all nuts on the b section loss on (x1) nut on the v section loss on (x1) nut on the v the web (8" x 5") by up to (1/16" remaining; section loss on the b 5") by (1/16") into the plate (wes	en replaced thru o Parking Area East ge/plate of the brac ") remaining; up to tottom flange; up to veb plate and up to veb plate; section I ) into the web with pottom of the web p	ut. 2018 t Face: e beam 100% 0 75% 0 100% coss in 7/16"	2	1	Feet	
107	Corrosion	surface corrosion and with pack the platform attached to the bea 18			2		Feet	
107	Corrosion	Bracket 3 West Face at third we between web and stiffener and s into the web for the full height o	section loss up to (		2		Feet	
107	Corrosion	Freckled rust, corrosion of the s beam and on all members of the			2	122	Feet	

ucture	Number: <u>640013</u>			Inspe	ction D	ate: <b>12/20/20</b>
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 Fee
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rust.	2	120	120	Square Fee
515	Peeling/Bubbling/Cra cking (steel Protective Coatings) General Comments	REPAINTED	1			Square Fee

Span 20	0	Beam 3 N	ear Bearing					
Rocker	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	7	7	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
311 Co	rrosion	Section loss on the bottom of t (4" long x 1/2" wide x 1/4") into		ft face	2	1		Each

Spa	n 20		Bea	am 4					
Plat	e Girder								
Eler Nun	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS <sup>2</sup> Qty	
107		Steel Op	en Girder/Beam	134	132	2	0	0	Feet
515		Steel Pro	tective Coating	2,278	2,278	0	0	0	Square Feet
Elemen Numbe	Dofoot	Туре	De	fect 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").		and	2	2		Feet
107	Corrosion		REPAINTED			1			Feet
107	Corrosion			ort had corrosion and sca ss on the bottom left web	le with no	1			Feet
107	Corrosion		repainted, 2018 report h	20 insp: area has been cle nad corrosion and pack rus plate at bent 18 bay 4 (simi	st on the	1			Feet

Spa	an 20	Beam 7 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	scription		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	I rust.		2	2	:	2 Square Feet
	General Comments							

Spar	າ 20			Beam 8						
Plate	Girder									
Elem Num		0: 10	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Ope	en Girder/Beam		134	132	2	0	0	Feet
515	515		tective Coating		2,278	2,278	0	0	0	Square Feet
Element Number	Dofoct 7	Гуре		Defect Description			cs	CS Qty	Maint Qty	
107	107 Corrosion OBSERVED I between brace Parking Area		between brace bear	O INSP: "nailer" beam m 2 and 3 at brace bea ight flange with 100%	am 3 at th	e EB	3		-	1 Feet
107	107 Connection b		brace beam 3 at east bound parking lot, missing attachment bolt at stringer 1, par issued.		3			1 Feet		
107	Corrosion		at EB Parking Area	T REPLACED] FORME West Face: section lo ) nut; section loss in t ") into the web	ss up to	75%	2	1		Feet

		DEDAID I II COOL I I I I	•	4	
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

Spa	ın 20	Beam 8 Ne	ar Bearing					
Roc	ker Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel 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 B	ent 17					
Comp	pression Seal							
Eleme		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	54	49	5	0	0 Feet	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	Adjacent Deck or Header	SCATTERED ALONG THE LENG CHIPPING IN THE ADJACENT I WIDE X 1" DEEP	,		2	5	Feet	
G	eneral Comments							

Spa	an 21	Deck						
Rei	nforced Concrete I	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforce	ed Concrete Deck	8,364	7,496	851	17	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	(x2) spalls with no exposed stee 2 at bent 18 up to (14" x 5" x 1")	I on the deck botto	om in bay	3	2	2	2 Square Feet
12	Delamination/Spall	deck bottom: spall with no expo 18 (36" x 4" x 1/2")	sed steel in bay 7	at bent	3	3	3	Square Feet
12	Delamination/Spall	spall with no exposed steel at de overhang at bent 19 (14" x 12" x		ght	3	2	2	2 Square Feet
12	Delamination/Spall	(x2) spalls with no exposed stee 7 at bent 19 up to (12" x 4" x 1").		om in bay	3	1	1	Square Feet

Structure	Number: <u>640013</u>			Inspec	tion Da	ate: <b>12/20/2021</b>
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 Be	aring					
Rock	er Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	7	6	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	l		cs	CS Qty	Maint Qty	
311 (	Corrosion	SCATTERED SURFACE CORROSION			2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effective			4	1		1 Square Feet
G	eneral Comments							

Spa	n 21	Beam 1 Fa	ar Bearing					
Fixe	d Bearing							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
lemen Number	Dofoot Typo	Defect Des	scription		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	I rust.		2	2		2 Square Feet

Bearing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	tective Coating	7	6	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
osion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each
tiveness (Steel ective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
	Steel Pro Defect Type osion tiveness (Steel	Movable Bearing Steel Protective Coating  Defect Type Defect Defect Defect Defect Defect Type Defect Type Defect Type Defect D	Element Name   Qty	Element Name Qty Qty  Movable Bearing 1 0  Steel Protective Coating 7 6  Defect Type Defect Description  psion Freckled rust, corrosion of the steel has initiated.  Substantially effective, freckled rust.	Element Name Qty Qty Qty  Movable Bearing 1 0 1  Steel Protective Coating 7 6 1  Defect Type Defect Description CS  psion Freckled rust, corrosion of the steel has initiated. 2  tiveness (Steel Substantially effective, freckled rust. 2	Element Name Qty Qty Qty Qty  Movable Bearing 1 0 1 0  Steel Protective Coating 7 6 1 0  Defect Type Defect Description CS CS Qty  psion Freckled rust, corrosion of the steel has initiated. 2 1  tiveness (Steel Substantially effective, freckled rust. 2 1  ective Coatings)	Element Name Qty Qty Qty Qty Qty Qty Qty Qty Movable Bearing 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Spa	n 21	Beam 2 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	5	3	2	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	2		2 Square Feet
	<b>General Comments</b>							

Span 21		Beam 3 Fa	ar Bearing				
Fixed B	earing						
Element Number	Fired	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313 515		Bearing Protective Coating	5	0 5	1 0	0	<ul><li>0 Each</li><li>0 Square Feet</li></ul>
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
313 Cor	rosion	REPAIR observed in 2020 insp: repainted, 2018 report had PRIC active corrosion and section lo top (5 1/2" long x 7/8" high x 1/1 loss on the west and north face 1/16") into the plate.	ORITY MAINTENANC ss on the west face a 16") into the plate, se	E - nt the ection	2	1	Each
Gene	eral Comments	1/10 ) IIIto tile plate.					

Span 21		Beam 4 N	ear Bearing					
Rocker E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movab	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	7	6	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
311 Corre	osion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each

1 Square Feet

**Protective Coatings)** 

**General Comments** 

**Beam 4 Far Bearing** 

Effectiveness (Steel Substantially effective, freckled rust.

**Fixed Bearing** 

Span 21

Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing		1	0	1	0	0	Each
515	Steel P	rotective Coating		5	5	0	0	0	Square Feet
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
313 Corr	osion	REPAIR observed in	2020 insp: area has l	oeen clean	ed and	2	1		Each

REPAIR observed in 2020 insp: area has been cleaned and repainted, 2018 report had PM- active corrosion and Corrosion

section loss, section loss on the top of the plate at the girder (11" x 1/4" x 1/16") into the plate.

**General Comments** 

Span 21 Beam 5

**Plate Girder** 

Element		Total	CS1	CS2	CS3	CS4
Number	Element Name	Qty	Qty	Qty	Qty	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	Dofoot Typo	Defect Description	cs	CS Qty	Maint Qty	
107	Corrosion	corrosion and scale with no measureable section loss on the bottonm 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		Total	CS1	CS2	CS3	CS4
Number	Element Name	Qty	Qty	Qty	Qty	Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	7	7	0	0	0 Square Feet

Elemen Numbe	Dofoot Typo	Defect Description	cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: area has been cleaned and	2	1		Each

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.

Span 2	1	Beam 5 F	ar Bearing					
Fixed E	Bearing							
Elemen Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	5	5	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313 Co	orrosion	REPAIR observed in 2020 insp: repainted, 2018 report had PM- section loss on the top under ti (13" long x 5/8" high x 3/16") in	active corrosion and he girder on the west	i	2	1	·	Each
Gen	neral Comments		-					

Span		Beam 8						
Plate	Girder							
Eleme Numb	****	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	134	0	134	0	0	Feet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	134		Feet
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	134	134	Square Feet
G	eneral Comments							

Span 21 B		Beam 8 Ne	ar Bearing					
Ro	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2		2 Square Feet
	General Comments							

Span	n 21	Joint at Be	Joint at Bent 18						
Com	pression Seal								
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
302	Compre	ession Joint Seal	54	24	0	0	30 Feet		
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty		
302	Seal Adhesion	SCATTERED ALONG THE LENG UP TO FULL DEPTH	STH, LOSS OF ADHE	SION	4	30	30 Feet		
G	Seneral Comments							_	

Spa	n 22	Deck						
Reir	forced Concrete	Deck						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	8,364	7,945	400	19	0 S	quare Feet
lemen lumbe	Dofoot Tymo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
12	Delamination/Spall	spall with no exposed steel on the in bay 1 (7.5ft x 3" x 3").	deck bottom at	bent 20	3	8	8	Square Feet
12	Delamination/Spall	[PROMPT ACTION REQUEST] RIGH SPALL (30" LONG x 3" WIDE x 4" D MEDIAN RAIL)			3	3	3	Square Feet
12	Delamination/Spall	spall with no exposed steel on the bent 20 (7.5ft x 3.5" x 3.5"	deck bottom in	bay 4 at	3	8	8	Square Feet
12	Efflorescence/Rust Staining	transverse cracking up to (1/64") w efflorescence on the bottom and in			2	400		Square Feet
12	Damage	surface corrosion on the overhang astraffic signal on the left overhang at be	sembly for the w		2			Square Feet
12	Abrasion/Wear (PSC/RC)		[NEW REPAIR - EPOXY OVERLAY APPLIED] FORMERLY> abrasion and wear on the deck surface with coarse					Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY A multiple transverse cracks on the dwide			1			Square Feet

Spa	an 22		Beam 2					
Pla	te Girder							
Nu	ment mber	Element Name	٠٠,	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	el Open Girder/Beam	134	0	134	0	0	Feet
515	Ste	el Protective Coating	2,144	2,010	134	0	0	Square Feet
Elemei Numbe	Dofoot Typ	e	Defect Description		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust. Co	rosion of the steel has initiated.		2	134		Feet
515	Effectiveness (S Protective Coati		ctive, freckled rust.		2	134	134	Square Feet
	General Commen	ts						

Spa	ın 22			Beam 4						
Plat	te Girder									
	ment mber	Steel Op	Element Name en Girder/Beam		Total Qty 134	<b>CS1 Qty</b> 0	<b>CS2</b> <b>Qty</b> 134	CS3 Qty 0	<b>CS4</b> <b>Qty</b> 0 F	-eet
515		Steel Pro	tective Coating		2,144	2,010	134	0	0 9	Square Feet
Elemer Numbe	Dofoct T	уре		Defect Descrip	otion		cs	CS Qty	Maint Qty	
107	Corrosion		Freckled rust. Corro	sion of the stee	el 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 Protective Co	•	Substantially effect	ive, freckled rus	st.		2	134	134	Square Feet
	General Comm	nents								

	Beam 6						
Girder							
ent oer	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ope	en Girder/Beam	134	0	134	0	0 1	Feet
Steel Pro	tective Coating	2,144	2,010	134	0	0 \$	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	134	•	Feet
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	134	134	Square Feet
	Steel Ope Steel Pro  Defect Type Corrosion Effectiveness (Steel	ent ber Element Name Steel Open Girder/Beam Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust. Corrosion of the selectiveness (Steel Protective Coatings)	Poer Element Name Steel Open Girder/Beam 134 Steel Protective Coating 2,144  Defect Type Defect Description Corrosion Freckled rust. Corrosion of the steel has initiated. Effectiveness (Steel Protective Coatings)	Element Name Steel Open Girder/Beam Steel Protective Coating  Defect Type Defect Description  Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Protective Coatings)	Per Element Name Qty Qty Qty Steel Open Girder/Beam 134 0 134 Steel Protective Coating 2,144 2,010 134  Defect Type Defect Description CS Corrosion Freckled rust. Corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2	ent Element Name Qty	ent Element Name Qty

Spar	n 22 e Girder	Beam 7						
Elem Num	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	134	0	134	0	0	Feet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	134		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	134	134	1 Square Feet
(	General Comments							

Spai	n 22	Beam 8						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	134	0	134	0	0	Feet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		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							

Spar	n 22	Beam 1 I	Near Bearing					
Rocl	ker Bearing							
Elem Num 311	ber	Element Name e Bearing	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515		rotective Coating	7	5	2	0	_	Square Feet
Element Number	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Connection	[PROMPT ACTION REQUEST] 1/2"	LEFT ANCHOR BOLT	LIFTED	3	1		1 Each
311	Corrosion	Freckled rust. Corrosion of the	e steel has initiated.		2			Each

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

Spa	ın 22	Beam 1 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2		2 Square Feet
	General Comments							

Spa	an 22	Beam 2 Nea	ar Bearing					
Roc	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	7	5	2	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the st	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	2		2 Square Feet
	General Comments							

Spa	ın 22	Beam 2 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemen Numbe	Defect Type	Defect De	scription		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	d rust.		2	2		2 Square Feet
-	General Comments							

Spa	n 22	Bear	n 3 Near Bearing					
Roc	ker Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Element Number	Dofoct Type	Defe	ect Description		cs	CS Qty	Maint Qty	
311	Connection	[PROMPT ACTION REQU LIFTED 3/4"	IEST] RIGHT ANCHOR BOLT		3	1	1	I Each
311	Corrosion	Freckled rust. Corrosion	of the steel has initiated.		2			Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, fr	eckled rust.		2	2	2	2 Square Feet
(	General Comments							

_									
Spa	an 22		Beam 3 Fa	r Bearing					
Fix	ed Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	F	Fixed Bea	aring	1	0	1	0	0	Each
515	S	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Eleme	Defect Ty	/pe	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion		Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Substantially effective Coatings)		Substantially effective, freckled	ust.		2	2		2 Square Feet
	General Comm	ents							

Spa	ın 22	Beam 4 No	ear Bearing					
Roo	ker Bearing							
	ment nber Movable	<b>Element Name</b> Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Steel Pro	tective Coating	7	5	2	0	0 Square Feet	
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	_
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust bearing again. 2018 report had the steel has initiated.	has started to show	on the	2	1	Each	
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2	2 Square Feet	
	General Comments							

Span 22		Beam 4 Far Beari	ng					
Fixed B	earing							
Element Number	Element N	ame	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
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Insped	etion Date: <u>12/20/2021</u>
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				

Spa	an 22	Beam 5 Ne	ar Bearing					
Roo	ker Bearing							
	ment mber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: It and repainted but freckled rust he bearing again. 2018 report had F the steel has initiated.	as started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings) General Comments	Substantially effective, freckled	rust.		2	2		2 Square Feet

Spa	n 22	Beam 5 Fai	<sup>r</sup> Bearing				
Fixe	ed Bearing						
	ment nber Fixed Be	Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pro	tective Coating	5	3	2	0	0 Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: k and repainted but freckled rust h bearing again. 2018 report had F the steel has initiated.	as started to show	on the	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	2	2 Square Feet
	General Comments						

Spa	an 22	Beam 6 N	ear Bearing					
Roo	ker Bearing							
	ment mber Mova	Element Name ble Bearing	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	CS2 Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4 Qty</b> 0	Each
515	Steel	Protective Coating	7	5	2	0	0 :	Square Feet
Elemer Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp and repainted but freckled rust bearing again. 2018 report had the steel has initiated.	has started to show	on the	2	1		Each
515	Effectiveness (Sterness Coating		d rust.		2	2	2	Square Feet
	<b>General Comments</b>							

Spa	n 22	Beam 6 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	4	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desci	ription		CS	CS Qty	Maint Qty	
313	Corrosion	corrosion and scale throughout t	he masonry plate		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED			4	1		1 Square Feet
	General Comments							

Span	22	Beam 7 Nea	ar Bearing					
Rock	er Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311 (	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	2		2 Square Feet
G	eneral Comments							

Spa	an 22	Beam 7 Far	Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	2		2 Square Feet
	General Comments			-				

Span 22	2	Beam 8 Near Bear	Beam 8 Near Bearing						
Rocker	Bearing								
Element Number			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	
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty		

Structure	Number: <u>640013</u>			Inspect	ion 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				

Spa	ın 22	Beam 8 Fa	r Bearing					
Fixe	ed Bearing							
	ment nber Fixed E	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	Each
515		rotective Coating	5	3	2	0		Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust I bearing again. 2018 report had F west and south faces of the mas 1/2" x 1/4" into the plate).	has started to show PM - section loss on	on the the	2	1	·	Each
515	Effectiveness (Steel Protective Coatings	· · · · · · · · · · · · · · · · · · ·	rust.		2	2	2	Square Feet
	General Comments							

Span 2	22	Joint at Be	nt 19					
Compr	ression Seal							
Elemen Numbe	<del></del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	54	49	0	0	5 F	eet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
302 Se	eal Adhesion	SCATTERED ALONG THE LENG LOSS OF ADHESION UP TO FUL		NES,	4	5	5	Feet
Ger	neral Comments							<del></del>

Spa	n 23	Deck						
Reir	nforced Concrete	Deck						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	8,364	8,124	218	22	0 S	quare Feet
Elemen Numbe	Defeat Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
12	Delamination/Spall	(23" x 7" x 4" deep) spall with expo bottom in bay 6 at 54ft from bent 2	x 7" x 4" deep) spall with exposed rebar on the deck com in bay 6 at 54ft from bent 20.			2	2	Square Feet
12	Delamination/Spall	spall with no exposed steel on the (20ft x 4" x 3")	deck bottom in	bay 6	3	20	20	Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVING INSPECTION STATES): (88" x 7") s surface at bent 20 in the EBL			2	8		Square Feet
12	Damage	areas of missing joint material along t	the deck edges in	n bay 6	2			Square Feet
12	Efflorescence/Rust Staining	hairline transverse cracking and su the deck bottom and on the overha		ence on	2	210		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING INSPECTION STATES): abrasion a surface with coarse aggregate still	nd wear on the		1			Square Feet

Inspection Date: <u>12/20/2021</u> Structure Number: 640013

Square Feet

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

Spa	ın 23	Bean	1 Near Bearing					
Roo	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	6	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defe	ct 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, from	eckled rust.		2	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE			1			Square Feet
	<b>General Comments</b>							

Spa	ın 23	Beam 1 Fa	r Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2		2 Square Feet
•	General Comments							

Spa	n 23	3	Beam 2						
Plat	te G	irder							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Ope	en Girder/Beam	134	0	134	0	0	Feet
515		Steel Pro	tective Coating	2,144	2,010	134	0	0	Square Feet
Elemer Numbe		Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
107	Cor	rrosion	Freckled rust, corrosion of th	e steel has initiated.		2	134		Feet
515		ectiveness (Steel otective Coatings)	Substantially effective, freckle	ed rust.		2	134	134	4 Square Feet
	Gene	eral Comments							

Spa	n 23	Beam 2 No	ear Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		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							

•	n 23 ed Bearing	Beam 2 Far	Bearing					
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	2		2 Square Feet
	General Comments							

Spa	ın 23	Beam 3 Ne	ear Bearing					
Roc	ker Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2	2	2 Square Feet
•	General Comments							

Span 2	3	Beam 3 F	ar Bearing								
Fixed Bearing											
Element Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
313	Fixed Be	earing	1	0	1	0	0	Each			
515	Steel Pr	otective Coating	5	4	1	0	0	Square Feet			
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty				
313 Co	orrosion	REPAIR observed in 2020 insp and repainted but freckled rus bearing again. 2018 report had top of the bearing	t has started to show	on the	2	1		Each			

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

General Comments

Span	23	Beam 4 Ne	ar Bearing					
Rock	er Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
311 (	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2		2 Square Feet
G	eneral Comments							

Span	23	Beam 4 F	ar Bearing					
Fixed	Bearing							
Eleme Numb	•••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	4	1	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
313 C	orrosion	REPAIR observed in 2020 insp and repainted but freckled rust bearing again. 2018 report had top of the bearing	t has started to show	on the	2	1		Each
	ffectiveness (Steel rotective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
Ge	neral Comments							

Spa	ın 23	Beam 5						
Plat	te Girder							
	ment mber Steel Ope	Element Name n Girder/Beam	Total Qty 134	CS1 Qty 0	<b>CS2</b> <b>Qty</b> 134	CS3 Qty	CS4 Qty	-eet
515	Steel Prot	ective Coating	2,144	2,010	134	0	0 8	Square Feet
lemen lumbe	Dofoot Typo	Defect Des	cription		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

Spa	an 23	Beam 5 Ne	ar Bearing					
Roo	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	2	:	2 Square Fee
	General Comments							

•	n 23 ed Bearing	Beam 5 Far	Bearing					
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desci	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	2		2 Square Feet
•	General Comments							

Spar	n 23	Beam 6						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	134	0	134	0	0	Feet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the	steel has initiated.		2	134		Feet
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	134	134	Square Feet
(	General Comments							

Spar	n 23	Beam 6 N	lear Bearing					
Rocl	ker Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	7	6	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	corrosion and scale throughout	ut the masonry plate		2	1		Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED			4	1		1 Square Feet

Span 23	•	Beam 6 Fa	r Bearing					
Fixed B	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	5	5	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
313 Cor	rosion	Freckled rust, corrosion of the s	teel has initiated.		2	1	-	Each

General Comments
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Spa	ın 23	Beam 7						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	134	0	134	0	0 F	eet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Connection	Bent 21, bent diaphragm attachr beam 7, bottom nut is missing	nent at the right si	de of	3		1	Feet
107	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	134		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	134	134	Square Feet
	General Comments							

Spai	n 23	Beam 7 N	ear Bearing					
Roc	ker Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	6	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
311	Corrosion	corrosion and scale throughou	t the masonry plate		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer eff	ective		4	1		1 Square Feet
(	General Comments							

Span 23		Beam 7 Far Beari	ng					
Fixed B	earing							
Element Number	Element N	ame	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
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspe	ction Date: <u>12/20/2021</u>
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
	<b>General Comments</b>				

Spa	an 23	Beam 8						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	134	0	134	0	0 F	eet
515	Steel Pro	tective Coating	2,144	2,010	134	0	0 8	Square Feet
leme	Dofoot Typo	Defect De	scription		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, freckle	d rust.		2	134	134	Square Feet
	General Comments							

Spa	ın 23	Beam 8 N	lear Bearing					
Roo	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect De	scription		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	d rust.		2	2		2 Square Feet
	General Comments							

Spa	an 23	Beam 8 Far	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	2		2 Square Feet
	<b>General Comments</b>							

Spai	n 23		Beam 9 Near Bea	ring					
Roc	ker Bearing								
Elen Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing		1	0	1	0	0	Each
515	Steel Pro	tective Coating		7	6	1	0	0	Square Feet
lement lumber	Dofoct Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosion	FRECKLED CORR	OSION			2	1		Each
515	Chalking (Steel Protective Coatings)	Freckled rust, corr	osion of the steel has	initiated.		2	1		Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE				1			Square Feet
(	General Comments								

Spa	an 23		Beam	n 9 Far Bearing					
Fix	ed Bearinç	9							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Eleme	Dofoc	t Type	Defe	ct Description		CS	CS Qty	Maint Qty	
313	Corrosion		Freckled rust, corrosion of	of the steel has initiated.		2	1		Each
515	Effectivene Protective		Substantially effective, fre	eckled rust.		2	2		2 Square Feet
	General Cor	nments							

Spa	ın 23	Beam 10 N	ear Bearing					
Roc	ker Bearing							
	ment nber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4 Qty</b> 0 E	Each
515	Steel Pro	tective Coating	7	5	2	0	0 \$	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust hearing again. 2018 report had F the steel has initiated.	as started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2	2	Square Feet
·	General Comments							

Span 23	3	Beam 10 Far Bear	ing					
Fixed B	earing							
Element Number	Element Nam	e	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	

Structure	Number: <u>640013</u>			Inspec	tion 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				

Spa	ın 23	Beam 11 N	lear Bearing					
Roc	ker Bearing							
	ment nber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
515	Steel Pro	tective Coating	7	5	2	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust I bearing again. 2018 report had F the steel has initiated.	has started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2	:	2 Square Feet
	General Comments							

Spa	an 23	Beam 11 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	5	3	2	0	0	Square Feet
Elemer	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	2		2 Square Feet
	<b>General Comments</b>							

	Joint at Be	ent 20				
ion Seal						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Compre	ession Joint Seal	54	30	0	0	24 Feet
efect Type	Defect Des	cription		CS	CS Qty	Maint Qty
lhesion	SCATTERED ALONG THE LENG UP TO FULL DEPTH	STH, LOSS OF ADHE	SION	4	24	24 Feet
	Compre	Element Name Compression Joint Seal  sfect Type Defect Des SCATTERED ALONG THE LENG	Element Name Qty Compression Joint Seal 54  effect Type Defect Description  SCATTERED ALONG THE LENGTH, LOSS OF ADHE	Element Name Compression Joint Seal  Defect Description  SCATTERED ALONG THE LENGTH, LOSS OF ADHESION	Element Name Compression Joint Seal  Defect Description  CS  CS2 Qty Qty Qty Qty CS  SCATTERED ALONG THE LENGTH, LOSS OF ADHESION  Total CS1 Qty	Flement Name Compression Joint Seal  Defect Description  CS CS Qty  CS3  Element Name Compression Joint Seal  Defect Description  CS CS Qty  CS CS Qty

Spa	n 24	Deck						
Rei	nforced Concrete	Deck						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	6,969	5,768	1,201	0	0	Square Feet
lemer	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
12	Efflorescence/Rust Staining	transverse cracking up to (1/64" efflorescence on the deck botton			2	1,200		Square Feet
12	Patched Areas	RECENTLY REPAIRED WITH 8" 2020 INSPECTION: (2018 INSPE with no exposed rebar on the de 21 (7" x 4" x 2")	ECTION STATES):	spall	2	1		Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVIN INSPECTION STATES): 48" tran deck surface in the EBL up to (1)	sverse cracking o	•	1			Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVIN INSPECTION STATES): transver surface up to (1/16") wide		•	1			Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVIN INSPECTION STATES): abrasion surface with coarse aggregate s	n and wear on the	•	1			Square Feet

Span	24	Right Brid	ge Rail					
Concr	ete and Metal F	Railing						
Eleme Numb	- <del></del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	82	81	1	0	0 F	eet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
	racking (RC and other)	(17) WRAP AROUND CRACKS U APART IN CURB SECTION.	P TO .03" OPEN 5'	TO 9'	2			Feet
333 C	onnection	bottom rail is disconnected at 22	2ft from bent 22		2	1	1	Feet

Spa	n 24	Beam 2						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	61	0	61	0	0	Feet
515	Steel Pro	tective Coating	671	610	61	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		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	d rust.		2	61	61	Square Feet
-	General Comments							

							•	
Spa	an 24	Beam 2 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	<b>General Comments</b>							

•	n 24 e Girder	Beam 3						
Eler	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	66	0	66	0	0	Feet
515	Steel Pro	tective Coating	719	653	66	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	otion		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	66		Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	66	66	Square Feet
-	General Comments							

Spa	n 24	Beam 7						
Plat	e Girder							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	pen Girder/Beam	81	1	80	0	0	Feet
515	Steel	Protective Coating	889	809	80	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the steel	has initiated.		2	80		Feet
107	Corrosion	RECENTLY CLEANED, PAINTED, AN ARRESTED 2020 INSPECTION. (20 STATED): corrosion and scale with section loss on the bottom flange at	18 INSPECTION no measureable		1			Feet
515	Effectiveness (Stee Protective Coating				2	80	80	Square Feet
515	Effectiveness (Stee Protective Coating				1			Square Feet
-	General Comments							

Spa	an 24		Beam 8						
Pla	te Girder								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	S	Steel Op	en Girder/Beam	85	0	85	0	0	Feet
515	S	Steel Pro	tective Coating	935	850	85	0	0	Square Feet
Elemer	Dofoot Ty	/pe	Defect Desc	ription		CS	CS Qty	Maint Qty	
107	Corrosion		Freckled rust, corrosion of the s	teel has initiated.		2	85		Feet
515	Effectiveness Protective Coa		Substantially effective, freckled	rust.		2	85	85	5 Square Feet
	General Commo	ents							

Spa	n 24	Beam 10						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	94	0	94	0	0	Feet
515	Steel Pro	tective Coating	1,030	936	94	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	scription		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							

•	n 24 e Girder	Beam 12						
Elen Num		Element Name en Girder/Beam	Total Qty 102	CS1 Qty	<b>CS2</b> <b>Qty</b> 102	CS3 Qty	CS4 Qty	Feet
515	•	stective Coating	1,122	1,020	102	0	-	Square Feet
Elemen	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	102	-	Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	102	102	2 Square Feet
-	General Comments							

Spar		Beam 9	Far Bearing					
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS <sup>4</sup> Qty	,
313 515	Fixed Be Steel Pro	aring otective Coating	3	0 2	1	0	0	Each Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	<u> </u>
515	Corrosion Effectiveness (Steel Protective Coatings)	Freckled rust, corrosion of the Substantially effective, freckle			2	1		Each 1 Square Feet

**General Comments** 

Spa	an 24		Beam 12 Near Bearing					
Ro	cker Bearing							
	ement imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Mo	ovable Bearing	1	0	1	0	0	Each
515	Sto	eel Protective Coating	4	3	1	0	0	Square Feet
Eleme Numb	Dofoot Tyr	oe	Defect Description		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, cor	osion of the steel has initiated.		2	1		Each
515	Effectiveness (S		tive, freckled rust.		2	1		1 Square Feet
	General Comme	nts						

Span 24	4	Joint at Be	ent 21					
Compre	ession Seal							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	78	62	0	0	16 Feet	
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
302 Sea	I Adhesion	SCATTERED ALONG THE LENG UP TO FULL DEPTH	TH, LOSS OF ADHE	ESION	4	16	16 Feet	

Spa	an 25	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	7,182	6,775	406	1	0 \$	Square Feet
Elemei Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
12 Delamination/Spall spall with no exposed steel on the deck bottom at girder 6 3 1 at bent 23 (12" x 10" x 2")						1	Square Feet	
12	Patched Areas	NEW OVERLAY WITH GROOVING 2020 INSPECTION STATES): PRIORITY MAIL with exposed rebar on the deck surface 12" x 4") causing a traffic hazard (PM)	NTENANCE	- spall	2	6		Square Feet
12	Efflorescence/Rust Staining	Transverse cracking up to (1/64") wide efflorescence on the deck bottom and of			2	400		Square Feet
12	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING 2020 INSPECTION STATES): abrasion and w surface with coarse aggregate still in pi	ear on the		1			Square Feet
12	Cracking (RC and Other)	[NEW REPAIR - EPOXY OVERLAY APP transverse cracking on the deck surfacthe WBL up to (1/32") wide			1			Square Feet
	General Comments							

Spa	n 25	Beam 1 Ne	ear Bearing					
Roc	ker Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	n 25	Beam 1 Far	Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
-	General Comments							

Spa	n 25	Beam 2 Ne	ar Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spar Fixe	n 25 d Bearing	Beam 2 I	Far Bearing					
Elem Num	nent	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		etective Coating	3	2	1	0	0	Square Feet
Element Number	Defeat Type	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the	e steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet

Spa	an 25	Beam 3 Ne	ar Bearing					
Ro	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spar	n 25	Beam 3 Far B	<b>Bearing</b>					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	1		1 Square Feet
G	Seneral Comments							

Span	25	Beam 4 Ne	ar Bearing					
Rock	er Bearing							
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
G	eneral Comments							

Span 25	5	Beam 4 Far Beari	ng					
Fixed B	earing							
Element Number	Element I	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	9	3	2	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspec	tion 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	1	1 Square Feet

n 25	Beam 5						
0	Deam 3						
e Girder							
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Steel Op	en Girder/Beam	82	81	1	0	0	Feet
Steel Pro	tective Coating	899	897	0	0	2	Square Feet
t r Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	corrosion and scale on the botto 22 (14" x 6")	om flange at 25ft fro	m bent	2	1		Feet
Corrosion	•			1			Feet
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILUR	E		4	2		2 Square Feet
Effectiveness (Steel Protective Coatings)	REPAINTED			1			Square Feet
n	Steel Ope Steel Pro	nent nber Steel Open Girder/Beam Steel Protective Coating  Defect Type Corrosion Corrosion Corrosion Corrosion REPAIR observed in 2020 insp: I repainted. 2018 report had Freck steel has initiated.  Effectiveness (Steel Protective Coatings) Effectiveness (Steel REPAINTED	nent Steel Open Girder/Beam 82 Steel Protective Coating 899  Defect Type Defect Description  Corrosion corrosion and scale on the bottom flange at 25ft from 22 (14" x 6")  Corrosion REPAIR observed in 2020 insp: beam has been clear repainted. 2018 report had Freckled rust, corrosion steel has initiated.  Effectiveness (Steel Protective Coatings)  Effectiveness (Steel REPAINTED	nent Blement Name CS1 Noter Blement Name Steel Open Girder/Beam 82 81 Steel Protective Coating 899 897  Defect Type Defect Description  Corrosion corrosion and scale on the bottom flange at 25ft from bent 22 (14" x 6")  Corrosion REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel PROTECTIVE COATING FAILURE  Frotective Coatings)  Effectiveness (Steel REPAINTED	nent Blement Name Cyty Cyty Steel Open Girder/Beam 82 81 1 Steel Protective Coating 899 897 0  Total CS1 CS2 Qty Qty Qty Steel Open Girder/Beam 82 81 1 Steel Protective Coating 899 897 0  Total CS1 CS2 Qty Qty Qty Qty Qty Steel Protective Coating 899 897 0  Total CS1 CS2 Qty Qty Qty Qty Qty Qty Qty Qty Steel Protective Coating 899 897 0  Total CS1 CS2 Qty	nent Blement Name Blement Name Steel Open Girder/Beam 82 81 1 0 Steel Protective Coating 899 897 0 0  The Defect Type Defect Description CS CS Qty  Corrosion corrosion and scale on the bottom flange at 25ft from bent 22 (14" x 6")  Corrosion REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust, corrosion of the steel has initiated.  Effectiveness (Steel PROTECTIVE COATING FAILURE 4 2  Effectiveness (Steel PROTECTIVE COATING FAILURE 1 1	nent Blement Name Relement Name Relement Name Relement Name Repaired Protective Coating Resorting Repaired Resorting Resorting Repaired Rep

Spa	an 25	Beam 5 Ne	ar Bearing					
Roo	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Dese	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 25	Beam 5 Far	r Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	_
313	Corrosion	REPAIR observed in 2020 insp: k and repainted but freckled rust h bearing again. 2018 report had co bottom flange	as started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	DUPLICATE			1			Square Feet

Spa	n 25	Beam 6						
Plat	e Girder							
	ment nber Steel Op	Element Name en Girder/Beam	<b>Total</b> <b>Qty</b> 82	<b>CS1 Qty</b> 0	<b>CS2</b> <b>Qty</b> 82	CS3 Qty 0	<b>CS4 Qty</b> 0 F	eet
515	Steel Pro	tective Coating	899	817	80	0	2 8	Square Feet
Elemen Numbe	Dofoct Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	corrosion and scale with no measurable top flange at bent 23	reable section lo	oss on	2	2		Feet
107	Corrosion	Freckled rust, corrosion of the stee	el has initiated.		2	80		Feet
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effecti	ve		4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	80	80	Square Feet
	General Comments							

Spai	n 25	Beam 6 N	lear Bearing					
Roc	ker Bearing							
Elen Num 311	nent nber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp and repainted but freckled rust bearing again. 2018 report had the steel has initiated.	has started to show	on the	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
(	General Comments							

Spa	an 25		Beam 6	Far Bearing					
Fix	ed Bearing								
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Eleme Numb	Dofoot	Туре	Defect D	escription		CS	CS Qty	Maint Qty	
313	Corrosion		Freckled rust, corrosion of th	e steel has initiated.		2	1		Each
515	Effectivene Protective (	•	Substantially effective, freckl	ed rust.		2	1		1 Square Feet
	General Con	nments							

Spa	an 25	Beam 7 Ne	ar Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Fee
	<b>General Comments</b>							

Spa	n 25	Beam 7 Far	<sup>r</sup> Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
-	General Comments							

Spa	ın 25	Beam 8						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	82	81	1	0	0	Feet
515	Steel Pro	tective Coating	899	898	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
107	Corrosion	corrosion and scale on the top flange	e at bent 24 for	1ft long	2	1		Feet
107	Corrosion	REPAIR observed in 2020 insp: bean repainted. 2018 report had Freckled rateel 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							

Spa	n 25	Beam 8 Ne	ear Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
•	General Comments							

Spa	ın 25	Beam 8 Fa	r Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust l bearing again. 2018 report had of 1/2" x 1/8") at the bottom of the	has started to show corrosion and scale	on the	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							

Spa	n 25	Beam 9 Nea	ar Bearing					
Roc	ker Bearing							
	ment mber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: b and repainted but freckled rust ha bearing again. 2018 report had Fr the steel has initiated.	as started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	General Comments							

Span 25	5	Bea	m 9 Far Bearing					
Fixed Bo	Bearing							
Element Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Def	fect Description		cs	CS Qty	Maint Qty	
313 Cori	rrosion	Freckled rust, corrosion	of the steel has initiated.		2	1	-	Each
	ectiveness (Steel otective Coatings)	Substantially effective, f	freckled rust.		2	1		1 Square Feet
Prot		Substantially effective, f	reckled rust.		2	1		1 S

Spa	an 25	Beam 10 No	ear Bearing					
Ro	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	etective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spai	n 25	Beam 10 F	ar Bearing				
Fixe	d Bearing						
Elen Num 313		Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pro	tective Coating	3	2	1	0	0 Square Feet
Element Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust bearing again. 2018 report had the steel has initiated.	has started to show	on the	2	1	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1	1 Square Feet
(	General Comments						

Span 25		Beam 11 N	Near Bearing					
Rocker	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	='
311	Movab	le Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311 Cor	rosion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each

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

Spa	an 25	Beam 11 F	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	General Comments							

Spar	n 25	Beam 12 No	ear Bearing					
Rocl	ker Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
(	General Comments							

Spa	an 25	Beam 12 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemei	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Span 26	5	Deck						
Reinfor	ced 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 Fee	et
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspec	tion D	ate: 12/20/2021
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					

	Beam 1						
er							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel O	pen Girder/Beam	105	104	0	0	1	Feet
Steel Pr	rotective Coating	1,606	1,606	0	0	0	Square Feet
fect Type	Defect De	escription		cs	CS Qty	Maint Qty	
tion	overhead sign: southeastern	bolt is loose and ove	r the	4	1		1 Feet
e	REPAINTED			1			Feet
on	· · · · · · · · · · · · · · · · · · ·			1			Feet
	Steel Op Steel Pro- fect Type tion	Element Name Steel Open Girder/Beam Steel Protective Coating  fect Type  Defect Defect Defect Defect Deverhead sign: southeastern roadway (bolt could not be retop nut holding it in place. REPAINTED  REPAIR observed in 2020 ins repainted. 2018 report had Free	Element Name Qty Steel Open Girder/Beam 105 Steel Protective Coating 1,606  fect Type Defect Description  [PROMPT ACTION REQUEST] West brace for removerhead sign: southeastern bolt is loose and overoadway (bolt could not be removed by hand), bolt top nut holding it in place.  REPAINTED  REPAIR observed in 2020 insp: beam has been clearepainted. 2018 report had Freckled rust of the ste	Element Name Qty Qty Steel Open Girder/Beam 105 104 Steel Protective Coating 1,606 1,606  fect Type Defect Description  [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.  REPAINTED  REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust of the steel has	Element Name Qty Qty Qty Steel Open Girder/Beam 105 104 0 Steel Protective Coating 1,606 1,606 0  fect Type Defect Description CS tion [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.  REPAINTED 1  REPAIR observed in 2020 insp: beam has been cleaned and repainted. 2018 report had Freckled rust of the steel has	Element Name  Element Name  Qty Qty Qty Qty Qty Qty Qty Qty Qty Qt	Element Name  CS1  CS2  CS3  CS4  Qty  Qty  Qty  Qty  Qty  Qty  Qty  Qt

Spa	ın 26	Beam 1 N	ear Bearing					
Roc	ker Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
311	Corrosion	corrosion and scale with no me the bottom nut under the top fla		ss on	2	1		Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED			4	1		1 Square Fee

Spai	n 26	Beam 1 Fa	ar Bearing					
Fixe	d Bearing							
Elem Num	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Element Number	Dofoct Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust masonry plate. 2018 report had no measureable section loss.	has started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
(	General Comments							

Spa	n 26		Beam 2	Near Bearing					
Roc	ker Be	earing							
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	n	efect Type	Defect D	escription		CS	CS Qty	Maint Qty	
311	Corros	sion	REPAIR observed in 2020 ins and repainted but freckled ru masonry plate.			2	1		Each
515		iveness (Steel ctive Coatings)	Substantially effective, freckl	ed rust.		2	1		Square Feet
	Genera	I Comments							

Spa	an 26	Beam 2 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	3	2	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust masonry plate. 2018 report had no measureable section loss.	has started to show	on the	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 26	Beam 3 Ne	ar Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust I masonry plate.			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	n 26	Beam 3 Far	Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ust.		2	1		1 Square Feet
-	General Comments							

Spa	an 26		Bea	m 4 Near Bear	ing					
Roc	cker	Bearing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		4	3	1	0	0	Square Feet
Elemer Numbe		Defect Type	De	fect Description			cs	CS Qty	Maint Qty	
311	Cori	rosion	REPAIR observed in 202 and repainted but freck masonry plate.				2	1		Each
515		ctiveness (Steel tective Coatings)	Substantially effective,	freckled rust.			2	1	1	I Square Feet
	Gene	ral Comments								

Span 26	5	Beam 4 Far Beari	ng					
Fixed B	earing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	-	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	

Structure	Number: <u>640013</u>			Insped	ction Date: <u>12/20/2021</u>
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				

Spa	an 26	Beam 5 N	lear Bearing					
Roo	cker Bearing							
Nu	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
311	Mova	ole Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Ste Protective Coating		d rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 26	Beam 5 Fa	r Bearing					
Fixe	ed Bearing							
	nent nber Fixed Be	Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust masonry plate. 2018 report had no measureable section loss.	has started to show	on the	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments			•	•			

Spa	n 26	Beam 6 N	lear Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect De	scription		CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp and repainted but freckled rust masonry plate.			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet

Span 26		Beam 6 F	ar Bearing					
Fixed Be	aring							
Element Number 313	Fixed Be	Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	Each
515	Steel Pro	tective Coating	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
313 Corre	osion	REPAIR observed in 2020 insp and repainted but freckled rus masonry plate. 2018 report had section loss on the right ancho scale on the masonry plate wit loss	t has started to show d PM - greater than 75 or rod nut, corrosion a	on the 5% and	2	1	·	Each
	tiveness (Steel ective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet

Spa	n 26	Beam 7 N	ear Bearing					
Roc	ker Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust masonry plate.			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	Span 26		r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	3	2	1	0	0	Square Feet
Elemer	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust h masonry plate. 2018 report had section loss up to 75% on the le and scale on the masonry plate section loss	nas started to show PM- active corrosior ft anchor rod nut, co	on the n and orrosion	2	1		Each
515	Effectiveness (Steel Protective Coatings		rust.		2	1		1 Square Feet
	General Comments							

Span 26		Beam 8						
Plate Girde	r							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	77	76	1	0	0	Feet
515	Steel Pro	otective Coating	838	838	0	0	0	Square Feet
 Element Number Def	ect Type	Defect De	scription		cs	CS Qty	Maint Qty	
107 Corrosio		REPAIR observed in 2020 insp repainted. 2018 report had PM- section loss on the right web a section loss (1/16") into the we high x 3" long), section loss w stiffener for (5" high x 2 1/2" lo REPAINTED	<ul> <li>active corrosion and and web stiffener at E b with 3/8" remaining ith (11/16") remaining</li> </ul>	d Bent 23, g for (5"	2	1		Feet Feet
107 Corrosio	on	REPAIR observed in 2020 insprepainted. 2018 report had free			1			Feet

Spa	n 26	Beam 8 I	Near Bearing					
Roc	ker Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 inspand repainted but freckled rus masonry plate.			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet

Spa	n 26	Beam 8 F	ar Bearing					
Fixe	ed Bearing							
	ment nber Fixed	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	Each
515	Steel	Protective Coating	3	2	1	0	0 \$	Square Feet
Elemen Numbe	Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	REPAIR observed in 2020 insp and repainted but freckled rust masonry plate. 2018 report had no measureable section loss.	has started to show	on the	2	1	·	Each
515	Effectiveness (Ste Protective Coating		d rust.		2	1	1	Square Feet
•	General Comments							

Spa	n 26	Beam 9 Ne	ear Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Corrosion	REPAIR observed in 2020 insp: and repainted but freckled rust I masonry plate.			2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spa	n 26	Beam 9 Fa	ar Bearing					
Fixe	ed Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS <sup>2</sup> Qty	1
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	otective Coating	3	2	0	0	1	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion and scale with no me	easureable section lo	ss.	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	CORROSION INITIATED			4	1		1 Square Feet

Spa	an 26	Beam 10 N	lear Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Fixed Beari	ing							
Element Number	Element Name	<b>:</b>	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
lement umber De	fect Type	Defect Description			cs	CS Qty	Maint Qty	
313 Corrosi	on Corrosion and so	ale with no measureable	section lo	oss.	2	1	,	Each

Inspection Date: <u>12/20/2021</u> Structure Number: 640013

Effectiveness (Steel Failed protection, no longer effective Protective Coatings) **General Comments** 

4

1 Square Feet

Spa	an 26	Beam 11 N	ear Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	tive, freckled rust.		2	1		1 Square Feet
	General Comments							

Spa	n 26	Beam 11	Beam 11 Far Bearing					
Fixe	ed Bearing							
	ment nber Fixe	<b>Element Name</b> d Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Stee	el Protective Coating	3	2	1	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	and repainted but		bearing has been cl has started to show Corrosion and scale	on the	2	1		Each
515	Effectiveness (St Protective Coatin	•	l rust.		2	1		1 Square Feet
	<b>General Comment</b>							

Spa	an 26	Beam 12	Near Bearing					
Ro	cker Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	4	3	1	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect D	escription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust, corrosion of th	e steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet
	General Comments							

Spa	an 26	Beam 12 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	d Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	3	2	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	and repainted but f		bearing has been cl has started to show Corrosion and scale	on the	2	1		Each
515	Effectiveness (Ste Protective Coating		rust.		2	1		1 Square Feet
	<b>General Comments</b>							

ressed Concrete	e Girder						
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestres	Prestressed Concrete Open Girder/Beam		59	9	0	0 Feet	
Defect Type	Defect Description			cs	CS Qty	Maint Qty	
amage	sign: southeastern bolt is loose and over	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	
exposed rebar on the bottom face at mid span		` , .		2	7	Feet	
atched Area				2	2	Feet	
,	Prestres  Defect Type  amage  atched Area	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  Defect Type  PRIORITY MAINTENANCE - west brace sign: southeastern bolt is loose and over could not be removed by hand), bolt has place (PM)  Patched Area  [NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face at it x 1/2")  Patched Area  [NEW REPAIR-PATCHING] FORMERL exposed rebar on the left web at bent	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  PRIORITY MAINTENANCE - west brace for removed of sign: southeastern bolt is loose and over the roadway (could not be removed by hand), bolt has no top nut holl place (PM)  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> (x7) spall exposed rebar on the bottom face at mid span up to x 1/2")  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> spall with exposed rebar on the left web at bent 24 (20" x 2" x	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  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)  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")  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  CS  Defect Type  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)  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")  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  Defect Type  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)  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")  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")	Prestressed Concrete Open Girder/Beam  Defect Type  Defect Description  Defect Type  Defect Description  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)  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")  Patched Area  [NEW REPAIR-PATCHING] FORMERLY> spall with exposed rebar on the left web at bent 24 (20" x 2" x 1/4")

Spa	an 27	Beam 1 Ne	ear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Span 2	27	Beam 1	Beam 1 Far Bearing					
Fixed	Bearing							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect I	Description		cs	CS Qty	Maint Qty	
313 C	Corrosion	Freckled rust. Corrosion of t	he steel has initiated.		2	1	•	Each
	Effectiveness (Steel Substantially effective Protective Coatings)		ive, freckled rust.		2	1		1 Square Feet
_ P		Substantially effective, freck	ded rust.		2	1		

Span 27		Beam 2						
Prestre	essed Concrete	e Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	Prestressed Concrete Open Girder/Beam			4	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR-PATCHING] FORMERI area on the bottom face at 10ft from			2	1	Feet	
109 Pa	atched Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar (27" x 4" x 2 1/2") and the bottom left flange at Bent 24, stralong, active corrosion on strand with section loss	osed on r (16")	2	3	Feet		
Ger	neral Comments							_

Spa	an 27	Beam 2 Ne	ar Bearing					
Mo	vable Bearing							
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 27		Beam 2 Fa	r Bearing					
Fixed Bea	ring							
Element Number	Element Name		Total Qty			CS3 Qty	CS4 Qty	
313	Fixed Bearing	Fixed Bearing		0	1	0	0	Each
515	Steel Protective	Coating	1	0	1	0	0	Square Feet
Element Number D	efect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313 Corros	sion Freckl	ed rust. Corrosion of the	steel has initiated.		2	1		Each

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

**General Comments** 

Spa	ın 27	Beam 3 Nea	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	ın 27		Beam 3 Far Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixe	ed Bearing	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Type		Defect Description		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corr	osion of the steel has initiated.		2	1		Each
515	Effectiveness (St Protective Coatin	•	ive, freckled rust.		2	1		1 Square Feet
	General Comment	ts						

Spar	12/		Beam 4						
Pres	tressed Cor	crete Girder							
Elem Num		Element Na	ıme	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Р	restressed Concrete Op	en Girder/Beam	68	63	5	0	0 Feet	
Element Number	Dofoot Tv	pe	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	<b>-</b>	-PATCHING] FORMER on the bottom face at			2	1	Feet	
109	Patched Area	wide x 9" long	ved in 2020 insp: 4 so . 2018 report had (x4) ottom face at 19ft from	spalls with expe	osed	2	4	Feet	

							•	
Spa	an 27	Beam 4 Ne	ar Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 27	Beam 4 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 2	27	Beam 5						
Prestre	essed Concret	e Girder						
Elemen Numbe	· <del>-</del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 5" x 1/2")			2	1	Feet	
Gen	neral Comments							

Spai	ո 27	Beam 5 N	lear Bearing					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lement lumber	Defeat Type	Defect De	scription		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	d rust.		2	1		1 Square Feet

Spa	n 27	Beam 5 Fa	r Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defeat Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Fee
	General Comments							

Span 27	Beam 6					
Prestressed Concret	e Girder					
Element Number 109 Prestre	Element Name essed Concrete Open Girder/Beam	<b>Total</b> <b>Qty</b> 68	CS1 Qty 41	CS2 Qty 27	<b>CS3 Qty</b> 0	CS4 Qty 0 Feet
Element Number Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty
109 Patched Area	[NEW REPAIR-PATCHING] FORMER! exposed rebar (32" x 22" x 3") and (1 the bottom and left faces at Bent 24, (20") long, active corrosion with no n loss on strand	) exposed strar strand exposed	nd on d for	2	3	Feet
109 Patched Area	[NEW REPAIR-PATCHING] FORMER! exposed rebar on the bottom face at 3" x 1/4")	•		2	1	Feet
109 Patched Area	[NEW REPAIR-PATCHING] FORMER	LY> (x23) spa	lls with	2	23	Feet

Spa	ın 27	Beam 6 No	ear Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable E	Bearing	1	0	1	0	0	Each
515	Steel Prote	ective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Defect Type	Defect Des	cription		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

Span	27	Beam 6 F	ar Bearing					
Fixed	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
313 C	Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1	•	Each
	ffectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
	rotective Coatings) eneral Comments							

Spa	n 27	Beam 7 Ne	ar Bearing					
Mov	able Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
-	General Comments							

Spai	n 27	Beam 7 Fa	ar Bearing					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		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							

Spar	n 27 able Bearing	Beam 8	Near Bearing					
Elem Num	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect I	Description		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of t	he steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freck	led rust.		2	1		1 Square Feet

**General Comments** 

Protective Coatings)
General Comments

Spa	an 27	Beam 8 Fa	r Bearing					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel 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						
Prest	tressed Concrete	e Girder						
Elem-	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	62	6	0	0 Fe	eet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	6 sound patches on the bottom face up to 14" wide x 10" long	starting at the 1	/3 point	2	6	•	Feet
G	eneral Comments	-						

Span 27 **Beam 9 Near Bearing Movable Bearing Element** Total CS1 CS2 CS3 CS4 **Element Name** Qty Number Qty Qty Qty Qty 311 Movable Bearing 0 Each 0 1 0 0 515 Steel Protective Coating 0 1 0 Square Feet Element Maint cs CS Qty **Defect Type Defect Description** Number Qty 311 Corrosion Freckled rust. Corrosion of the steel has initiated. 2 Each 1 Square Feet 515 Effectiveness (Steel Substantially effective, freckled rust. 2 1

Spa	n 27	Beam 9 Fa	ar Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		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

Spa	an 27	Beam 10	Near Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect De	escription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of th	e steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	ed rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 27	Beam 10 Fa	r Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
-	General Comments							

Span	27	Beam 11						
Prest	ressed Concre	te Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	63	5	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	
109 F	Patched Area	[NEW REPAIR-PATCHING] FORMER spall with exposed rebar on the botto bent 24			2	1	Feet	
109 F	Patched Area	[NEW REPAIR-PATCHING] FORMER DELAMINATION areas on the bottom (6" x 6")		an up to	2	4	Feet	
Ge	eneral Comments							

Span 27	7	Beam 11 Near Bea	aring					
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0 E	ach
515	Steel Protective Coating		1	0	1	0	0 S	quare Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Spa	ın 27	Beam 11 Fa	ar Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	ın 27	Beam 12	Near Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	scription		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	l rust.		2	1		1 Square Feet
	General Comments							

Spa	n 27	Beam 12 I	Far Bearing					
Fixe	d Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
lemen lumbe	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings	,	rust.		2	1		1 Square Feet

**General Comments** 

Spa	an 27	Beam 13						
Pre	stressed Concre	ete Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prest	ressed Concrete Open Girder/Beam	68	52	16	0	0 Feet	
Elemer Numbe	Dofoot Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face up t at bent 24	to 20" wide x 4	ft. long	2	4	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER DELAMINATION areas on the botton 24 up to (18" x 1 1/2" x 1/4")		om bent	2	12	Feet	
	<b>General Comments</b>							

Spa	an 27		Beam 13 Near Bearing					
Мо	vable Bearing							
Nu	ement mber	Element Na	Total ne Qty	Qty	CS2 Qty	Qty	CS4 Qty	
311	M	ovable Bearing	1	0	1	0	0	Each
515	St	eel Protective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Tv	oe .	Defect Description		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. (	corrosion of the steel has initiated	d.	2	1		Each
515	Effectiveness ( Protective Coa		fective, freckled rust.		2	1		1 Square Feet
	<b>General Comme</b>	nts						

27	Beam 13	Far Bearing					
d Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	d rust.		2	1		1 Square Feet
	ent ber Fixed Be Steel Pro  Defect Type  Corrosion  Effectiveness (Steel	ent ber Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Dec Corrosion Freckled rust. Corrosion of the Effectiveness (Steel Substantially effective, freckled	ent Element Name Qty Fixed Bearing 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	ent Element Name Oty	ent Element Name Qty Qty Qty Qty Qty Qty Steel Protective Coating 1 0 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust. Corrosion of the steel has initiated. 2 1  Effectiveness (Steel Substantially effective, freckled rust. 2 1	ent Element Name Qty

Span 2	27	Beam 14						
Prestr	essed Concret	e Girder						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	55	13	0	0	Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	atched Area	[NEW REPAIR-PATCHING] FORMER DELAMINATION areas on the bottom 24 up to (10" x 2 1/2" x 1/4")		m bent	2	13	·	Feet
Gei	neral Comments							

Spa	an 27	Beam 14 N	Near Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Des	cription		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							

•	n 27 ed Bearing	Beam 14 Fa	ar Bearing					
Eler	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled i	rust.		2	1		1 Square Feet
-	General Comments							

Span	n 27	Beam 15						
Pres	tressed Concrete	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Dofoot Typo	Defect Descript	Defect Description		CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] (3" x 3" x 1/4") spall with exposed rebar on the bottom face at 21ft from bent 24			2	1	1 Feet	
G	Seneral Comments							_

Spa	ın 27	Beam 15	Near Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable E	Bearing	1	0	1	0	0	Each
515	Steel Prot	ective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		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, freckle	d rust.		2	1		1 Square Feet

Spa	n 27	Beam 15 F	ar Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		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							

Spar	า 28	Deck						
Rein	forced Concrete	Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	6,643	6,639	4	0	0	Square Feet
Element Number	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Patched Areas	NEW OVERLAY WITH GROOVIN INSPECTION STATES): (48" x 1 surface in the left shoulder at b	12") sound patch or		2	4		Square Feet
	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERL abrasion and wear on the deck aggregate still in place			1			Square Feet
0	General Comments	·						

Spa	an 28	Beam 1						
Pre	stressed Concrete	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	53	14	1	0 Feet	
Eleme	Dofoot Typo	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall w the top right flange at bent 25 (7" x 3"		ebar on	3	1	1 Feet	
109	Patched Area	sound patch on the bottom face at 12 6")	.5ft from bent	26 (7" x	2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face ne- 2 1/2" x 1/2")			2	4	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL with exposed rebar on the bottom fac 26 up to (6" x 6" x 1/2")			2	5	Feet	
109	Patched Area	(x2) sound patches on the bottom fac (8" x 7")	e at mid span	up to	2	2	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face at (8" x 6" x 3/4")			2	2	Feet	
109	Delamination/Spall	DUPLICATE			1		Feet	

Sna	an 28	Ream 1 No	ear Bearing					
•	vable Bearing	Jouin 1 Ho	a. Boaring					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	cription		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							

Spa	n 28	Beam 1 Far	Bearing					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the ste	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Span 2	8	Beam 2					
Prestre	essed Concrete	e Girder					
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestres	ssed Concrete Open Girder/Beam	68	67	1	0	0 Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty
109 Pa	tched Area	sound patch on the bottom face, 10"	' x 10", at 1/3 pc	oint	2	1	Feet

Span	28	Beam 2 Ne	ear Bearing					
Mova	ıble Bearing							
Eleme Numb	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
311 (	Corrosion	Freckled rust. Corrosion of the s	steel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
G	eneral Comments							

Spa	an 28		Beam 2 Fa	r Bearing					
Fix	ed Bearing								
	ement mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoot T	уре	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion		Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness Protective Co		Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comm	nents							

Spa	an 28	Beam 3					
Pre	stressed Concrete	e Girder					
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestres	ssed Concrete Open Girder/Beam	68	51	17	0	0 Feet
Elemei Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty
109	Patched Area	[NEW REPAIR-PATCHING] FORMER! with exposed rebar on the bottom fac (9" x 4" x 1/2")	•	•	2	1	Feet
109	Patched Area	REPAIR observed in 2020 insp: 15 so wide x 12" long. 2018 report had (x10 rebar at mid span on the bottom face	) spalls with e	xposed	2	15	Feet
400	Patched Area	sound patch on the bottom right face	at bent 26 (4"	x 6")	2	1	Feet
109							Feet

Spa	an 28		Bea	m 3 Near Bearing					
Мо	vable	Bearing							
	ement imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme Numb		Defect Type	Def	fect Description		cs	CS Qty	Maint Qty	
311	Corre	osion	Freckled rust. Corrosion	n of the steel has initiated.		2	1		Each
515		ctiveness (Steel ective Coatings)	Substantially effective,	freckled rust.		2	1		1 Square Feet
	Gener	al Comments							

Span 28		Beam 3 Far Bea	aring					
Fixed B	earing							
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 Coation	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	

313	Corrosion	Freckled rust. Corrosion of the steel has initiated.	2	1	Each
515	Effectiveness (Steel	Substantially effective, freckled rust.	2	1	1 Square Feet

Spa	an 28	Beam 4 Nea	r Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defeat Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the ste	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	st.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 28	Beam 4 Fa	ar Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		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 Fee
	General Comments							

Spa	ın 28	Beam 5						
Pres	stressed Concret	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	44	24	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Description	1		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY with exposed rebar on the bottom face bent 25 up to (18" x 6" x 1/2")	•	•	2	16	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY exposed rebar on the bottom face at be 1/2")			2	2	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY exposed steel on the bottom face at 24 5" x 1/2")			2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY exposed rebar (13" x 9" x 1") and (2) ex the bottom face at 22ft from Bent 25, st up to (9.5") long, active corrosion with section loss on the strands	cposed strand trands expos	ds on ed for	2	2	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERLY exposed rebar on the bottom face start Bent 26 up to (6" x 4" x 1/2")			2	3	Feet	

Feet

109 Cracking (PSC) 11in long longitudinal crack less than (0.004") wide on the bottom face at mid span

Spa	an 28		Beam 5 N	Near Bearing					
Мо	vable	e Bearing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme Numb		Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
311	Cor	rosion	Freckled rust. Corrosion of the	e steel has initiated.		2	1		Each
515		ectiveness (Steel tective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
	Gene	eral Comments							

Spa	an 28	Beam 5 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	<b>General Comments</b>							

Span	28	Beam 6						
Prestr	ressed Concrete	e Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	68	66	2	0	0 Feet	
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 P	atched Area	sound patched on both the left and a bent 26 (4" x 6")	right bottom fac	es at	2	2	Feet	
Ge	eneral Comments							

Span 28	3	Beam 6 No	ear Bearing					
Movable	e Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movab	le Bearing	1	0	1	0	0	Each
515	Steel F	rotective Coating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311 Cor	rosion	Freckled rust. Corrosion of the	steel has initiated.		2	1	•	Each

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

Spa	an 28	Beam 6 F	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	scription		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	d rust.		2	1		1 Square Feet
	General Comments							

Spa	n 28	Beam 7						
Pres	stressed Concret	te Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	66	2	0	0	Feet
lemen lumbei	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Cracking (PSC)	cracking up to (0.009") wide on the ri	ght face at ben	nt 25	2	2		2 Feet
-	General Comments							

Spa	an 28		Bear	n 7 Near Bearing					
Мо	vable Bearii	ng							
	ement ımber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme Numb	Dofoot '	Туре	Defe	ect Description		cs	CS Qty	Maint Qty	
311	Corrosion		Freckled rust. Corrosion	of the steel has initiated.		2	1		Each
515	Effectivenes Protective C		Substantially effective, for	reckled rust.		2	1		1 Square Feet
	General Comr	nents							

Span 28 Fixed Be		Beam 7 F	ar Bearing					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel F	rotective Coating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313 Corr	osion	Freckled rust, corrosion of the	steel has initiated.		2	1		Each

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Effectiveness (Steel Substantially effective, freckled rust. Protective Coatings)

2

1 Square Feet

Spa	an 28	Beam 8						
Pre	estressed Concrete	e Girder						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	68	67	1	0	0 F	eet
Eleme Numb	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	spall with exposed rebar in the left web a 1/4")	at bent 25 (1" x	1" x	2		1	Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall w the top right flange at bent 25 (5" x 1 f		ebar on	2	1	1	Feet
109	Cracking (PSC)	hairline cracking on the bottom left fla long (bottom right flange similar)	ange at bent 2	5, 2 ft.	1	2		Feet
	<b>General Comments</b>							

Spa	an 28	Beam 8 Nea	ar Bearing					
Mo	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the st	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 28	Beam 8 Fa	ar Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defeat Type	Defect Des	cription		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						
Prest	ressed Concre	ete Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prest	ressed Concrete Open Girder/Beam	68	54	14	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109 F	Patched Area	[NEW REPAIR-PATCHING] FORMERI with exposed rebar and sound patch up to (13" x 6" x 1/2")			2	7	Feet	
109 F	Patched Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar on the bottom face up unsound patches up to (18" x 9") nea	to (18" x 6" x		2	7	Feet	
G	eneral Comments	· · · · · · · · · · · · · · · · · · ·	-					

Span	28	Beam 9 Nea	ar Bearing					
Mova	able Bearing							
Elem Numl	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
G	General Comments							

Spa	an 28	Beam 9 Far	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spar	า 28	Beam 10						
Pres	tressed Concre	te Girder						
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	62	6	0	0	Feet
Element Number	Defeat Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at (5" x 5" x 1/2")			2	3		Feet
109	Patched Area	sound patch on the bottom face at 11 6")	ft from Bent 25	(14" x	2	2		Feet

109 Patched Area [NEW REPAIR-PATCHING] FORMERLY --> spall with 2 1 Feet exposed rebar on the bottom face at bent 25 (6" x 4" x 1/2")

Spa	an 28	Beam 10 N	lear Bearing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Des	cription		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							

_								
Spa	an 28	Beam 10 Fa	ar Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings		ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 28	Beam 11 N	Near Bearing					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
 Iemei Iumbe	Dofoot Tyme	Defect Des	cription		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							

Sna	an 28	Beam 11 F	ar Roaring					
Spe	an 20	Deam III	ai bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Span 2	8 essed Concret	Beam 12 e Girder						
Elemen Numbe	t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	48	20	0	0 F	eet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR-PATCHING] FORMER DELAMINATION and repairs on the b up to (18" x 4")			2	20	-	Feet
Gen	eral Comments							

Span	28	Beam 12 N	ear Bearing					
Mova	ıble Bearing							
Eleme Numb	****	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311 (	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	ust.		2	1		1 Square Feet
G	eneral Comments							

28	Beam 12	Far Bearing					
Bearing							
ent er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Bea	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each
Iffectiveness (Steel Protective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet
	Bearing  nt er  Fixed Bea  Steel Pro  Defect Type  corrosion  iffectiveness (Steel	nt er Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Defect Defect Type Corrosion Freckled rust. Corrosion of the Effectiveness (Steel Substantially effective, freckle	Bearing  Int Element Name  Fixed Bearing  Steel Protective Coating  Defect Type  Defect Type  Defect Description  Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	Bearing  Int Element Name  Total CS1 Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0  Defect Type Defect Description Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	Bearing  Int Element Name  Total CS1 CS2  er Element Name  Qty Qty  Fixed Bearing  1 0 1  Steel Protective Coating  1 0 1  Defect Type  Defect Description  CS  Freckled rust. Corrosion of the steel has initiated.  2  Effectiveness (Steel Substantially effective, freckled rust.	Bearing  Int Element Name  Total CS1 CS2 CS3  Qty Qty Qty Qty Qty  Fixed Bearing  Steel Protective Coating  Defect Type  Defect Description  Total CS1 CS2 CS3  Qty Qty Qty  Qty Qty  Qty  Qty  Qty  Q	Bearing  Int Element Name  Total CS1 CS2 CS3 CS4 Qty

Spar	n 28	Beam 13						
Pres	stressed Concret	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	68	67	1	0	0	Feet
Element Number	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face 8" in bent 25	n diameter, 7 ft.	from	2	1		Feet

**General Comments** 

Spa	Span 28		Beam 13	Near Bearing					
Mov	vable	Bearing							
Nui	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe		Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corro	osion	Freckled rust. Corrosion of th	e steel has initiated.		2	1		Each
515	Effectiveness (Steel Substantially effect Protective Coatings)		Substantially effective, freckle	ed rust.		2	1		1 Square Feet
	Genera	al Comments							

Spa	an 28	Beam 13 F	Far Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defeat Type	Defect Des	scription		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
	<b>General Comments</b>							

n 28	Beam 14						
tressed Concrete	e Girder						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestres	ssed Concrete Open Girder/Beam	68	67	0	1	0 Feet	
Dofoot Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	
Delamination/Spall	(20" x 3" x 1/2") spall with exposed reba	ar on the bottom	face at	3	1	1 Feet	
	eent ber Prestre	tressed Concrete Girder  lent ber Element Name Prestressed Concrete Open Girder/Beam  Defect Type Defect Descripti Delamination/Spall (20" x 3" x 1/2") spall with exposed reba	tressed Concrete Girder  lent	tressed Concrete Girder  lent	tressed Concrete Girder  lent	tressed Concrete Girder  tent ber Element Name Qty	tressed Concrete Girder  tent ber Element Name Prestressed Concrete Open Girder/Beam  Defect Type Defect Description Delamination/Spall  (20" x 3" x 1/2") spall with exposed rebar on the bottom face at 3 1 1 Feet

Total	CS1				
Total	004				
Qty	Qty	CS2 Qty	CS3 Qty	CS4 Qty	
1	0	1	0	0	Each
1	0	1	0	0	Square Feet
on		cs	CS Qty	Maint Qty	
nas initiated.		2	1	•	Each
		2	1		1 Square Feet
		1 0	1 0 1 on CS nas initiated. 2	1 0 1 0  on CS CS Qty  nas initiated. 2 1	1 0 1 0 0  on

Spa	an 28		Beam 14	Far Bearing					
Fix	ed Bearing	l							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoci	t Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion		Freckled rust. Corrosion of the	steel has initiated.		2	1	-	Each
515	Effectivene Protective		Substantially effective, freckled	I rust.		2	1		1 Square Feet
	General Con	nments							

Spa	n 28	Beam 15						
Pres	stressed Concre	te Girder						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	68	64	3	1	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Delamination/Spall	(12" x 5" x 1/2") spall with exposed rebated from bent 26	ar in the bottom	face at	3	1	1 Feet	
109	Patched Area	3 sound patches on the bottom face the 2/3 point	up to 6" in diar	neter at	2	3	Feet	
	General Comments							

Spa	ın 28	Beam 15	Near Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable I	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet

Spa	an 28	Beam 15 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 28	Beam 16 N	lear Bearing					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	steel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 28	Beam 16 Fa	r Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	General Comments							

Movable E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	1	0	0	Square Feet
ilement lumber	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
311 Corros	sion	Freckled rust. Corrosion of the	e steel has initiated.		2	1	•	Each

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

Spa	ın 28	Beam 17 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
lemer	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 28	Joint at Be	ent 25					
Cor	npression Seal							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	90	82	8	0	0 Feet	
lemen lumbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	LEFT LANES, THE ADJACENT I SCATTERED CHIPPING TO 1" V		VE	2	8	Feet	
	General Comments							

Span	29	Deck						
Reinf	forced Concrete	Deck						
Eleme Numb	ber	Element Name ced Concrete Deck	Total Qty 6,427	CS1 Qty 6,402	<b>CS2</b> <b>Qty</b> 25	CS3 Qty 0	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
12 I	Patched Areas	NEW OVERLAY WITH GROOVING INSPECTION STATES): sound puthe left shoulder at bent 26			2	1		Square Feet
	Cracking (RC and Other)	Cracking on the deck bottom up surface efflorescence at bent 27	to (1/32") wide wi	th	2	24	24	4 Square Feet
	Abrasion/Wear (PSC/RC)	NEW OVERLAY WITH GROOVING INSPECTION STATES): abrasion surface with coarse aggregate st	and wear on the	•	1			Square Feet

Span 29	)	Beam 1						
Prestre	ssed Concrete Girde	r						
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Con	crete Open Girder/Beam	77	71	6	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		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" $\times$ 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 teh bottom face at bent 27 (3" x 3" x 1/8")	2	1	Feet

Spa	an 29	Beam 1 No	ear Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer	Defect Type	Defect Des	cription		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							

Spa	an 29	Beam 1 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the ste	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled ru	ıst.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 29	Beam 2					
Pres	stressed Concret	e Girder					
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	essed Concrete Open Girder/Beam	77	70	7	0	0 Feet
Elemen Numbe	Dofoct Type	Defect Descripti	on		cs	CS Qty	Maint Qty
109	Patched Area	sound patch on the face of the bottom bent 27, 16" wide x 14" long	m flange 12 ft.	from	2	1	Feet
109	Patched Area	sound patch on the bottom face near	r mid span (12"	' x 6")	2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at x 1/2")			2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar and unsound patch of 18ft and 20ft from Bent 27 (7" x 5" x 5") patch	n the bottom fa	ice at	2	2	Feet
109	Patched Area	sound patch on the bottom face at $1^{\circ}$ 6")	1ft from bent 2	7 (9" x	2	1	Feet

Spa	an 29	Beam 2 No	ear Bearing					
Ro	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		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							

Spa	an 29	Beam 2 Far	Bearing					
Fixe	ed Bearing							
	ment mber	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
Elemer	Dofoot Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Ste Protective Coating		ust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 29	Beam 3						
Pres	stressed Concre	te Girder						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestr	essed Concrete Open Girder/Beam	77	73	4	0	0 Feet	
lemen lumbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	3 sound patches on the bottom face, near mid-span	up to 10" in di	ameter	2	3	Feet	
109	Patched Area	sound patch on the bottom face, 6 ft 10"	from bent 26,	10'' x	2	1	Feet	
-	General Comments							

Span 29		Beam 3 N	ear Bearing					
Rocker E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movab	e Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311 Corre	osion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each

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**General Comments** 

Effectiveness (Steel Substantially effective, freckled rust. Protective Coatings) 2

1 Square Feet

Spa	an 29	Beam 3 Fa	r Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel 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						
Prest	tressed Concrete	e Girder						
Elem Numl	••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	76	1	0	0 1	Feet
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Delamination/Spall	end diphragm in bay 5 back face at E exposed rebar (7" x 4" x 1/2")	Sent 26: spall w	ith	3		1	Feet
109	Delamination/Spall	spall with no exposed steel on the bacorner at bent 26 (1" x 1" x 1")	ick, bottom rig	ht	2	1	1	Feet
109	Exposed Rebar	end diaphragm in bay 3 at bent 27, so with exposed rebar (5" x 4" x 1/2")	ound patch and	d spall	2		1	Feet
G	eneral Comments							

Spa	an 29	Beam 4 No	ear Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Des	cription		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
	<b>General Comments</b>							

Span 2	29	Beam 4 Fa	ar Bearing					
Fixed	Bearing							
Eleme Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313 C	orrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1	•	Each
	ffectiveness (Steel rotective Coatings)	Substantially effective, freckled	I rust.		2	1		1 Square Feet
	rotective Coatings) eneral Comments							

Spar	າ 29	Beam 5						
Pres	tressed Concrete	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	73	4	0	0 F	eet
lement lumber	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Cracking (PSC)	spall with exposed rebar on the right we 1/2") and vertical cracking in the web up			2	1	1	Feet
109	Patched Area	sound patch on the bottom face, 12" bent 26	in diameter, 20	oft. from	2	1		Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at (9" x 4")	` , .		2	2		Feet
C	Seneral Comments							

Spa	an 29	Beam 5 Ne	ar Bearing					
Ro	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)		rust.		2	1		1 Square Feet
	General Comments							

Span 29		Beam 5 F	ar Bearing					
Fixed Be	aring							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313 Corre	osion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each

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

Spa	n 29	Beam 6						
Pres	stressed Con	crete Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Р	restressed Concrete Open Girder/Beam	77	75	2	0	0 Fe	eet
Elemen Number	Dofoct Tv	pe Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Cracking (PSC	) vertical cracking in the left web at be wide	ent 27 up to (0.0	005")	2	1	1	Feet
109	Patched Area	sound patch on the bottm face at 24 4")	.5ft from bent 2	6 (9" x	2	1		Feet
(	General Comme	ents						

Spa	an 29	Beam 6 Ne	ar Bearing					
Ro	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	ust.		2	1		1 Square Feet
	General Comments							

Spa	an 29	Beam 6 F	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the	e steel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings		d rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 29	9	Beam 7						
Prestre	ssed Concrete Girde	r						
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Con	crete Open Girder/Beam	77	54	23	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	

Structure	Number: <u>640013</u>			Inspec	tion Date: 12/20/2021
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" $\times$ 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 withe exposed rebar on the bottom face at 22ft from bent 27 (5" x 4" x 1/2")	2	1	Feet

**General Comments** 

Spai	า 29	Beam 7 No	ear Bearing					
Roc	ker Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		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

Spa	an 29	Beam 7 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		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			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
lement lumber	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	Substantially effective, freckled rust.	2	1	1 Square Feet

Spa	n 29	Beam 8 Far I	Bearing					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the stee	el has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled rus	st.		2	1		1 Square Feet
(	General Comments							

Span	29	Beam 9						
Prest	tressed Concrete	e Girder						
Elem-		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	76	1	0	0 Feet	
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	(11" x 3") sound patch on the bottom bent 26	n face at 35.5ft f	from	2	1	Feet	İ
G	General Comments							

Spa	an 29	Beam 9 Ne	ar Bearing					
Ro	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span 29		Beam 9 Far Beari	ng					
Fixed B	earing							
Element Number	Element Nar	ne	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	

Structure	Number: <u>640013</u>			Insp	ection Date: <u>12/20/2021</u>
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
	<b>General Comments</b>				_

Span		Beam 10						
Presti	ressed Concr	ete Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pres	tressed Concrete Open Girder/Beam	77	72	4	1	0 Fe	et
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 P	atched Area	(11" x 5") unsound patch on the bott	om face near n	nid span	3	1	1	Feet
109 P	atched Area	(x3) sound patched on the bottom fa 26 up to (11" x 4")	ce at 35.5ft froi	n bent	2	3		Feet
109 P	atched Area	(10" x 4") sound patch on the bottom 26	n face at 32ft fro	om bent	2	1		Feet

Spa	an 29	Beam 10 N	ear Bearing					
Roc	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Span	29	Beam 10 I	Far Bearing					
Fixed	d Bearing							
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1		Each
	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
G	General Comments							

Spa	an 29	Beam 11						
Pre	stressed Conc	rete Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pre	stressed Concrete Open Girder/Beam	77	75	2	0	0 Feet	
Elemer Numbe	Dofoct Type	e Defect Description	on		cs	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom face, 14" from bent 27	wide x 12" lon	g, 18 ft.	2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face at x 6" x 1/4")			2	1	Feet	
	General Commen	ts						_

Spa	n 29	Beam 11 N	lear Bearing					
Roc	ker Bearing							
Elen Num 311		Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty	
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
lement lumber	Dofoot Typo	Defect Des	cription		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

Spa	an 29	Beam 11	Far Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet
	General Comments							

Spa	n 29	Beam 12	Near Bearing					
Roc	ker Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	scription		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, freckle	d rust.		2	1		1 Square Feet

Spa	an 29	Beam 12 F	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel 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						
Prest	ressed Concret	e Girder						
Elem Numl	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	77	76	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 4" x 1/2")			2	1	Feet	
G	eneral Comments	·						

Spa	an 30	Beam 1 No	ear Bearing					
Roo	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	etective Coating	4	3	1	0	0	Square Feet
Elemen	Dofoot Typo	Defect Des	cription		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 Fa	Bearing					
Fixed Bea Element Number	ring Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	•	Each
515	Steel Protective Coatin	ng	4	3	1	0	0	Square Feet
lement lumber D	efect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313 Corros	ion Freckled ru	st. Corrosion of the s	teel has initiated.		2	1	,	Each

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Effectiveness (Steel Substantially effective, freckled rust. Protective Coatings)

2

1 Square Feet

**General Comments** 

Sna	n 30	Beam 2						
•	oo stressed Concret							
	nent nber	Element Name ssed Concrete Open Girder/Beam	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty 0 Feet	
Elemen Numbe	t Defect Type	Defect Description			cs	CS Qty	Maint Qty	
109	Patched Area	long. 2018 report had PM - spall with 6" x 2") and (1) exposed strand on the 24ft from Bent 27, strand exposed for	Defect Description  IR observed in 2020 insp: sound patch, 16" wide x 26 2018 report had PM - spall with exposed rebar (12" x ") and (1) exposed strand on the bottom left flange at om Bent 27, strand exposed for (3") long, active sion with no measureable section loss on strand				Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom left face (7" x 2" x 1 1/2")	•		2	1	Feet	
109	Patched Area	REPAIR observed in 2020 insp: sound long. 2018 report had spall with exposort bottom face at mid span (5" x 3" x 1/2	sed steel on th		2	1	Feet	
	General Comments							

Spa	n 30	Beam 2 No	ear Bearing					
Roc	ker Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defeat Tune	Defect Des	cription		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							

n 30	Beam 2 F	ar Bearing					
ed Bearing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Bea	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	4	3	1	0	0	Square Feet
t Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
Corrosion	Freckled rust. Corrosion of the	steel has initiated.		2	1	-	Each
Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	l rust.		2	1		1 Square Feet
1	d Bearing nent her Fixed Bearing Steel Pro  Defect Type Corrosion Effectiveness (Steel	d Bearing  nent ther Element Name Fixed Bearing Steel Protective Coating  Defect Type Defect Des Corrosion Freckled rust. Corrosion of the Effectiveness (Steel Substantially effective, freckled	d Bearing  Thent Element Name Qty Fixed Bearing 1 Steel Protective Coating 4  Defect Type Defect Description  Corrosion Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	d Bearing  Then Element Name  Fixed Bearing  Steel Protective Coating  Defect Type  Defect Description  Corrosion  Freckled rust. Corrosion of the steel has initiated.  Effectiveness (Steel Substantially effective, freckled rust.	d Bearing  Total CS1 CS2  ther Element Name Qty Qty Qty  Fixed Bearing 1 0 1  Steel Protective Coating 4 3 1  Defect Type Defect Description CS  Corrosion Freckled rust. Corrosion of the steel has initiated. 2  Effectiveness (Steel Substantially effective, freckled rust. 2	d Bearing  Total CS1 CS2 CS3  ther Element Name Qty Qty Qty Qty Qty  Fixed Bearing 1 0 1 0  Steel Protective Coating 4 3 1 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust. Corrosion of the steel has initiated. 2 1  Effectiveness (Steel Substantially effective, freckled rust. 2 1	d Bearing  Total CS1 CS2 CS3 CS4  aber Element Name Qty Qty Qty Qty Qty Qty  Fixed Bearing 1 0 1 0 0  Steel Protective Coating 4 3 1 0 0  Defect Type Defect Description CS CS Qty  Corrosion Freckled rust. Corrosion of the steel has initiated. 2 1  Effectiveness (Steel Substantially effective, freckled rust. 2 1

Span	30	Beam 3						
Prest	ressed Concret	e Girder						
Eleme Numb	per	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	77	76	1	0	0 1	Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 F	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at x 10" x 1/4")			2	1		Feet
G	eneral Comments	,						

Spa	an 30	Beam 3 Nea	ır Bearing					
Roc	cker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
	General Comments							

Spa	an 30	Beam 3 Fa	r Bearing					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Eleme Numbe	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	steel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	General Comments							

Spa	n 30	Beam 4						
Pres	stressed Concre	te Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	77	67	10	0	0 Feet	
Elemen Number	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 9" x 1/4")	` , .		2	4	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar in bottom of girder, a 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 faceof Bent 27	2	2	Feet	

**General Comments** 

Spa	n 30	Beam 4 N	ear Bearing					
Roc	ker Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		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	I rust.		2	1		1 Square Feet
-	General Comments							

Spa	ın 30	Beam 4 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		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							

Spa	n 30	Beam 5 N	Beam 5 Near Bearing					
Roc	ker Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		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	l rust.		2	1		1 Square Feet

Spa	an 30	Beam 5 Fa	ar Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		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	I rust.		2	1		1 Square Feet
	General Comments							

Spai	n 30	Beam 6						
Pres	stressed Concrete	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	77	76	0	1	0 Fe	eet
Element Number	Dofoot Typo	Defect Description	ion		CS	CS Qty	Maint Qty	
109	Delamination/Spall	spall with no exposed steel on the bo 27 (7" x 1 1/2" x 1/2")	ottom left face	at bent	3	1	1	Feet
(	General Comments							

Spai	Span 30		ear Bearing					
Roc	ker Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		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							

Spar	n 30 d Bearing	Beam 6 F	ar Bearing					
Elem Num	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the	e steel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckle	d rust.		2	1		1 Square Feet

Spa	n 30	Beam 7						
Pres	stressed Concrete	e Girder						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	72	5	0	0 Feet	
Element Number	Dofoot Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	
109	Patched Area	sound patch on the bottom and left f 27 (18" x 7" x 3")	aces at 26ft fro	m Bent	2	2	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER the bottom face at 25ft from Bent 27 x 1/2")			2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar (12" x 9" x 1") and (1) bottom face at 24.5ft from Bent 27, s long, active corrosion with no measustrand	exposed stran trand exposed	d on the for (2")	2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed steel on the bottom face at x 6" x 1/2")			2	1	Feet	

Spa	Span 30		ar Bearing					
Roc	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled	rust.		2	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 30		В	eam 7 Far Bearing					
Fix	ed Bearing								
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Eleme Numb	Dofoot 7	Гуре		Defect Description		cs	CS Qty	Maint Qty	
313	Corrosion		Freckled rust. Corros	ion of the steel has initiated		2	1		Each
515	Effectiveness Protective Co	•	Substantially effective	e, freckled rust.		2	1		1 Square Feet
	General Comm	nents							

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Span 3	0	Beam 8						
Prestre	essed Concrete	e Girder						
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	76	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched 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 fron Bent 27 (12" x 4" x 1/2")			2	1	Feet	

**General Comments** 

Spa	ın 30	Beam 8 Ne	ar Bearing					
Roc	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
lemen lumbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
	General Comments							

Spa	an 30	Beam 8 Fa	r Bearing					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Eleme Numbe	Dofoct Typo	Defect Des	cription		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						
Pres	tressed Concret	e Girder						
Elem Numl 109	ber	Element Name ssed Concrete Open Girder/Beam	Total Qty 77	<b>CS1</b> <b>Qty</b> 72	CS2 Qty 5	<b>CS3 Qty</b> 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face sta 27 up to (13" x 3" x 1/4")	` ' '		2	3	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL exposed rebar on the bottom face at 1/4")			2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL on the bottom face at 7ft from bent 28		NATION	2	1	Feet	

**General Comments** 

Spa	an 30	Beam 9 No	ear Bearing					
Roo	cker Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	4	3	1	0	0	Square Feet
Eleme	Dofoct Type	Defect Des	cription		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
	<b>General Comments</b>							

•	n 30 ed Bearing	Beam 9 Far	Bearing					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the st	eel has initiated.		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled re	ust.		2	1		1 Square Feet
•	General Comments							

Spa	n 30	Beam 10						
Pres	stressed Concrete	e Girder						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	77	71	6	0	0 Feet	
Elemen Number	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER delamination on the bottom face, 5" bent 28, with 3/16" separation		. from	2	1	Feet	
109	Patched Area	REPAIR observed in 2020 insp: soun long. 2018 report had spall with expo bottom face at 1ft from bent 28 (8" x	sed rebar on th		2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER! exposed rebar on the bottom face at (10" x 3" x 1/4")			2	3	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar on the bottom right fla strand (11" x 7" x 1") at 6ft from bent 6" long	ange with expo	sed	2	1	Feet	_

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Spa	ın 30	Beam 10 N	lear Bearing					
Roc	ker Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		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							

Spa	n 30 ed Bearing	Beam 10 Fa	ar Bearing					
	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective, freckled r	rust.		2	1		1 Square Feet
-	General Comments							

Spa	n 30	Beam 11						
Pres	stressed Concret	e Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	77	73	4	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER on the bottom face at 6ft fron bent 28		NATION	2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 1" x 1/4")			2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 1/2")	•		2	1	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at x 6" x 1/2")			2	1	Feet	
	General Comments							

Spa	ın 30	Beam 11 N	lear Bearing					
Roc	ker Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	4	3	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		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							

Spa	an 30	Beam 11 Fa	ar Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	4	3	1	0	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust. Corrosion of the s	teel has initiated.		2	1	•	Each
515	Effectiveness (Stee Protective Coatings		ust.		2	1		1 Square Feet
	<b>General Comments</b>	-						

Span :	31	Deck						
Reinfo	orced Concrete	Deck						
Eleme Number	er	Element Name	Total Qty 7.014	CS1 Qty 7.010	CS2 Qty	CS3 Qty	CS4 Qty	Square Feet
Element Number	Defect Type	Defect Des		7,010	cs	CS Qty	Maint Qty	Square i eet
12 P	atched Areas	[NEW REPAIR - PATCHING] FO exposed rebar on the deck bott 28 (18" x 5" x 1/2")			2	2	·	Square Feet
12 P	atched Areas	NEW OVERLAY WITH GROOVIN INSPECTION STATES): sound centerline at bent 28 (17" x 9")		•	2	2		Square Feet
	brasion/Wear PSC/RC)	NEW OVERLAY WITH GROOVIN INSPECTION STATES): abrasic surface with coarse aggregates	on and wear on the	•	1			Square Feet
Ge	neral Comments							

Span 31		Beam 1						
Prestres	ssed Concret	e Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	95	94	1	0	0 Feet	
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Cra	cking (PSC)	vertical cracking on the left web at B wide	ent 29 up to (0.0	015")	2	1	2 Feet	

•	n 31	Beam 2					
Pres	stressed Concret	e Girder					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	95	66	29	0	0 Feet
Elemen Numbe	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty
109	Patched Area	REPAIR observed in 2020 insp: sour long. 2018 report had spall with expubottom face at 6ft from Bent 29 (6" x	osed rebar on t		2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 29 up to (10" x 4")	` , .		2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 5" x 1/2")			2	1	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 5" x 1/2")	` , .		2	25	Feet

Span 3	31	Beam 3						
Prestre	essed Concrete	e Girder						
Elemen Numbe	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	95	93	2	0	0 Feet	
Element Number	Defect Type	Defect Description	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	REPAIR observed in 2020 insp: 2 so wide x 7" long. 2018 report had failed face exposing rebar near mid span (	d patch on the l		2	2	Feet	
Ger	neral Comments	,	-					

Spa	Span 31		Beam 3 Far Bearing					
Fix	ed Bearing							
	ment mber	Element Nam	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fix	ked Bearing	1	0	1	0	0	Each
515	Ste	eel Protective Coating	4	3	1	0	0	Square Feet
Elemei	Dofoot Tyr	De .	Defect Description		cs	CS Qty	Maint Qty	
313	Corrosion	Freckled rust, co	rrosion of the steel has initiated.		2	1		Each
515	Effectiveness (S	_	ective, freckled rust.		2	1		1 Square Feet
	General Comme	nts						

Span	31	Beam 4						
Prest	ressed Con	crete Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pro	estressed Concrete Open Girder/Beam	95	92	3	0	0 Feet	
Element Number	Defect Typ	pe Defect Descrip	tion		cs	CS Qty	Maint Qty	
109 I	Patched Area	[NEW REPAIR-PATCHING] FORMER DELAMINATION areas on the botton from Bent 29 up to (6" x 3") (loose of	m right flange at		2	2	Feet	
109 i	Patched Area	REPAIR observed in 2020 insp: sou long. 2018 report had failed patch o span exposing rebar (6" x 1")			2	1	Feet	

Span 3	। essed Concret	Beam 5					
riesiie	sseu Concret	e Girder					
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestre	ssed Concrete Open Girder/Beam	95	94	1	0	0 Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty
109 Pa	tched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face at 4" x 1/4")			2	1	Feet

Spar	า 31	Beam 6						
Pres	tressed Concrete	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	95	93	2	0	0 Feet	
Element Number	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	2 sound patches on the bottom face to 5" in diameter	, 7 ft. from bent	29, up	2	2	Feet	
(	General Comments							_

Spa	an 31	Beam 7						
Pre	stressed Concrete	e Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	95	93	1	1	0	Feet
Elemer Numbe	Dofoot Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall with the right web at 1ft from Bent 28 (7")		bar on	3	1	1	Feet
109	Patched Area	sound patch on the bottom right flan	ge at 1ft from E	Bent 28	2	1		Feet

Spa	an 31		Beam 8							
Pre	stresse	ed Concret	e Girder							
	ment mber	Prestre	Element Name ssed Concrete Open Girder/Beam	Total Qty 95	<b>CS1 Qty</b> 93	CS2 Qty	CS3 Qty	CS4 Qty		
Elemer Numbe	n	efect Type	Defect Descripti	on		cs	CS Qty	Maint Qty		
109	Patche	ed Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar on the bottom left flan from Bent 28 (14" x 8" x 1")			2	2	·	Feet	
	General	Comments	•							

Span 3	31	Beam 9						
Prestr	essed Concret	e Girder						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	95	94	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109 Pa	tched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the bottom face ne 4" x 1/2")			2	1	Feet	
Ger	neral Comments	-						

Spar	า 31	Beam 11						
Pres	tressed Concre	ete Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Presti	ressed Concrete Open Girder/Beam	95	88	7	0	0 Feet	
Element Number	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	6 sound patches on the bottom face 14" wide x 8" long	at the 2/3 point	up to	2	6	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar on the top of the back 5" x 1/2")			2	1	Feet	
0	General Comments	·						_

Span	n 31	Beam 12						
Pres	tressed Conci	ete Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Pres	tressed Concrete Open Girder/Beam	95	90	5	0	0 Feet	
Element Number	Dofoct Typo	Defect Descriptio	n		cs	CS Qty	Maint Qty	
109	Patched Area	REPAIR observed in 2020 insp: 2 sour wide x 9" long. 2018 report had PM - d face over the southbound bike lane (9 concrete over roadway)	elam on the b		2	2	Feet	
109	Patched Area	[NEW REPAIR-PATCHING] FORMERL' exposed rebar over the southbound b 1/2")	•		2	1	Feet	

ructure	Number: <u>640013</u>			Inspec	tion Date: <u>12/20/20</u>
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

Span	31	Joint at B	ent 28					
Com	pression Seal							
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ssion Joint Seal	76	75	0	1	0 Feet	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
302	Seal Damage	LEFT LANES, THERE IS A TEAI [APPROXIMATELY 2" DIAMETE		E SEAL	3	1	1 Feet	
G	Seneral Comments							_

Spa	n 32	Deck						
Reir	forced Concrete	Deck						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	3,131	3,093	38	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Efflorescence/Rust Staining	hairline transverse surface crace 10 and 9	cking with efflo. in l	oays 11,	2	35		Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVI INSPECTION STATES): unsou right lane at Bent 29 (6" x 6")		•	2	1		Square Feet
12	Patched Areas	NEW OVERLAY WITH GROOVI INSPECTION STATES): sound lane at Bent 29 (12" x 18")			2	2		Square Feet
12	Abrasion/Wear (PSC/RC)	[NEW REPAIR - EPOXY OVERL abrasion and wear on the deck aggregate still in place			1			Square Feet
12	Cracking (RC and Other)	NEW OVERLAY WITH GROOVI INSPECTION STATES): transv- surface up to (1/32") wide (simi	erse cracking on th	e deck	1			Square Feet

Span 32	2	Left Brid	ge Rail				
Concret	te and Metal I	Railing					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other E	Bridge Railing	43	42	0	1	0 Feet
lement Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty
333 Dan	nage	damge to the bottom rail at En	d Bent 2		3	1	1 Feet

Spa	n 32	Beam 1						
Pres	stressed Concrete	Girder						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	41	40	1	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descripti	ion		CS	CS Qty	Maint Qty	
109	Efflorescence/Rust Staining	surface efflorescence and cracking lon the top left flange at Bent 29	ess than (0.004	") wide	2	1	Feet	
	General Comments							_

Spa	n 32	Beam 1 Far B	Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		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 steel has initiated	ng and corrosion	of the	4	1		1 Square Feet
-	General Comments							

Spa	an 32	Beam 2 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemer	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion and scale with no mea	sureable section lo	oss.	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effect	ctive		4	1		1 Square Feet
	General Comments							

Spa	n 32	Beam 3 Fa	ar Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	ring	1	0	1	0	0	Each
515	Steel Prot	ective Coating	1	0	0	0	1	Square Feet
lemen	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion and scale with no me	asureable section lo	ss.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effe	ective		4	1		1 Square Feet

Spa	n 32	Beam 4 Far	Bearing					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion and scale with no mea	sureable section lo	oss.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Failed protection, no longer effect	tive		4	1		1 Square Feet
	General Comments							

Spa	ın 32		Beam 5 Far Beari	ng					
Fixe	ed Bearing								
	ment mber	Element Nar	1 <del>e</del>	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fix	ed Bearing		1	0	1	0	0	Each
515	Ste	eel Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typ	e	Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion and	scale with no measureabl	e section lo	oss.	2	1	-	Each
515	Effectiveness (S Protective Coati		n, no longer effective			4	1		1 Square Feet
	<b>General Commer</b>	its							

Spa	ın 32	Beam 8 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion of the steel has initiated	d.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating fail steel has initiated	ing and corrosion	of the	4	1		1 Square Feet
	General Comments							

Pres	stressed Concret	e Girder						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestre	ssed Concrete Open Girder/Beam	41	35	1	5	0	Feet
lemen lumbe	Dofoct Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
109	Cracking (PSC)	cracking on the bottom right flange at be and spall with exposed rebar (5 1/2" x		03") wide	3	5		5 Feet
109	Patched Area	bottom right flange at End Bent 2: s	ound patch		2	1		Feet

Spar	າ 32	Beam 10						
Pres	tressed Concrete	e Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	sed Concrete Open Girder/Beam	41	39	2	0	0 1	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	bottom right flange at End Bent 2: de	elam (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
7	Conoral Commonte							

**General Comments** 

Spa	n 32	Beam 11						
Pres	stressed Concrete	e Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	41	40	1	0	0	Feet
Elemen Numbe	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Delamination/Spall	bottom right flange at End Bent 2: sp steel (4" x 5" x 1")	pall with no exp	osed	2	1	-	1 Feet
-	General Comments	·						

General Comments

Span 32		Joint at A	butment 2					
Comp	ression Seal							
Eleme Numb	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ession Joint Seal	76	69	0	7	0 Feet	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	djacent Deck or leader	SCATTERED ALONG THE LENG DECK HEADERS, SPALLING [U 2" DEEP]			3	7	7 Feet	
Ge	eneral Comments							

Span 33 **Deck Reinforced Concrete Deck Element** Total CS<sub>1</sub> CS2 CS<sub>3</sub> CS4 Number **Element Name** Qty Qty Qty Qty Qty 1,770 0 Square Feet 12 Reinforced Concrete Deck 1,769 Element Maint **Defect Type** CS CS Qty **Defect Description** Number Qty 12 **Patched Areas** NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 2 Square Feet INSPECTION STATES): sound patch near bent 26 NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018 Cracking (RC and Square Feet 12 1 Other) INSPECTION STATES): transverse cracking at the Bent 26 joint at the centerline up to (1/16") wide 12 Abrasion/Wear **NEW OVERLAY WITH GROOVING 2020 INSPECTION. (2018)** Square Feet (PSC/RC) INSPECTION STATES): abrasion and wear on the deck surface with coarse aggregate still in place

Pres	stressed	Concrete	e Girder						
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109		Prestres	ssed Concrete Open Girder/Beam	60	55	5	0	0	Feet
Elemen Numbe	Dofo	ect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Delamina	tion/Spall	delam on the bottom face near mid s	span (8" x 5")		2	1		1 Feet
109	Patched A	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
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Spa	n 34	Beam 1					
Pres	stressed Concre	te Girder					
Nun	ment nber	Element Name Qty Qty  Prestressed Concrete Open Girder/Ream 60 41				CS3 Qty	CS4 Qty
109	Prestre	essed Concrete Open Girder/Beam	60	41	19	0	0 Feet
Element Number Defect Type Defect Desc			on		cs	CS Qty	Maint Qty
109	Patched Area	exposed rebar (45" x 7" x 2") and (1) from Bent 30, strand exposed for (24	[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			4	Feet
109	Patched Area	LONG 2020 INSPECTION. (2018 INSP	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			4	Feet
109	Patched Area		[NEW REPAIR-PATCHING] FORMERLY> (x2) spalls with exposed rebar on the bottom face at 14ft and 18ft from Bent		2	2	Feet
109	Patched Area	[NEW REPAIR-PATCHING] FORMERI exposed rebar on the bottom face sta 30 up to (16" x 7" x 2")	` , .		2	9	Feet

Spa	n 34	Beam 2							
Pres	stressed Concre	te Girder							
Elen Nun 109	nber	Element Name essed Concrete Open Girder/Beam	Total Qty 60	<b>CS1 Qty</b> 59	CS2 Qty		CS4 Qty		
Element Number Defect Type Defect Description		ion		cs	CS Qty	Maint Qty			
109	Patched Area	RECENTLY PATCHED AREA 10" X 1 (2018 INSPECTION STATES): spall v the bottom face at bent 30 (6" x 5" x	with exposed re		2	1		Feet	
-	General Comments								_

ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	
12	Reinforced Concrete Deck		1,828	1,821	7	0	0	Square Feet
Element Number		•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Deck							
Span 35	5	Deck						

Structure	e Number: <u>640013</u>			Inspection	on Da	te: <b>12/20/2021</b>
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
	<b>General Comments</b>					

Span 35	Beam 1

Pre	stressed Concrete	e Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	60	57	2	1	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
109	Cracking (PSC)	APPROXIMATELY 14' OUT FROM THI LOWER SIDE, DELAMINATION WITH CRACKING TO 1/8" WIDE [APPROXIM	ASSOCIATED	MENT,	3	1	1 Feet	
109	Patched Area	sound patch on the top left flange and long x 5" high	d ramp end be	nt , 6"	2	1	Feet	
109	Delamination/Spall	[PROMPT ACTION REQUEST] APPROFROM THE RAMP ABUTMENT, LOWE WITH EXPOSED REBAR [APPROXIM, UP TO 1/2" DEEP]; NO MEASURABLE	ER SIDE, SPAL ATELY 5" DIAM	LING METER X	2	1	1 Feet	

**General Comments** 

Span 3	5 essed Concrete	Beam 2					
Element Number	t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestres	ssed Concrete Open Girder/Beam	60	59	1	0	0 Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty
109 Pat	tched Area	[NEW REPAIR-PATCHING] FORMER exposed rebar in the top left flange a 1 1/2" x 1/4")			2	1	Feet

**General Comments** 

Spa	n 35	Beam 4					
Pres	stressed Concre	ete Girder					
Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prest	tressed Concrete Open Girder/Beam	60	58	2	0	0 Feet
Elemen Numbe	Dofoot Typo	Defect Descript	ion		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] FORMER exposed rebar on the bottom face at			2	1	Feet

Spai	n 35	Beam 5						
Pres	stressed Concrete	e Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestres	ssed Concrete Open Girder/Beam	60	52	2	6	0	Feet
lement lumber	Dofoot Typo	Defect Descript		cs	CS Qty	Maint Qty		
109	Delamination/Spall	FROM BENT 31, UPPER RIGHT FLAM EXPOSED REBAR [APPROXIMATEL	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	2	2 Feet
109	Delamination/Spall	the end diaphragm at the Ramp End	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			2	2	2 Feet
109	Delamination/Spall	[PROMPT ACTION REQUEST] spall to the top left flange at the Ramp End E			3	2	2	2 Feet
109	Cracking (PSC)	hairline diagonal crack on the right s starting 8 ft. from end bent 2, 2 ft. lor		lange,	2	2	2	2 Feet

Spar	า 35	Joint at Ra	mp Abutment					
Com	pression Seal							
Elem Num 302	ber	Element Name ression Joint Seal	Total Qty 24	<b>CS1</b> <b>Qty</b> 19	CS2 Qty 0	<b>CS3</b> <b>Qty</b> 5	CS4 Qty 0	Feet
Element Number	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
302	Seal Adhesion	UP TO 3/4 DEPTH, AND SCATTE	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					Feet
0	General Comments							

## **Element Condition and Maintenance Data**

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

Bent	: <b>1</b>	Cap 1				11 15	spection L	Pate. <u>12/20/202</u>
Rein	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	61	30	31	0	0 F	eet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	delam area on the west face und hairline map cracking	er bay 2 (6" x 4") wi	th	2	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence with hariling throughout the west face	ne map cracking		2	30		Feet

Bent 1			Pile 2						
Reinforc	ed Concrete	Column							
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column		1	0	1	0	0 E	Each
Element Number	Defect Type		Defect Descript	ion		cs	CS Qty	Maint Qty	
205 Patc	hed Area	(40" x 8") sound pa 0.009" wide horizon			сар,	2	1		Each

**End Bent 1 Abutment Reinforced Concrete Abutment** CS2 Element CS1 CS3 CS4 Total Number **Element Name** Qty Qty Qty Qty Qty 215 Reinforced Concrete Abutment 70 54 13 0 Feet Element Maint **Defect Description** CS Qty **Defect Type** CS Number Qty 215 Efflorescence/Rust behind Girder 9: vertical cracking with efflorescence build-3 2 2 Feet up for 2ft long. Staining 215 **Exposed Rebar** left of Girder 9: spall with exposed rebar (6" x 3" x 2") 3 1 1 Feet 215 Cracking (RC and surface efflorescence and cracking up to (1/32") wide 2 3 Feet Other) behind Girder 1 215 Efflorescence/Rust surface efflorescence on the right wing 2 10 Feet Staining

Feet

54

[NEW REPAIR - CONCRETE PLACED] FORMERLY --> 2'

HIGH x 3' DEEP x FULL LENGTH SCOUR AREA UNDER

**CAP - PILES EXPOSED** 

**General Comments** 

Scour

215

End Bei	nt 1	Cap 1						
Reinfor	ced Concrete	Pier Cap						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	63	52	6	5	0 Feet	
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
234 Cra Oth	cking (RC and er)	horizontal cracking on the front wide (2.5ft on each face)	and right faces up to	(1/4")	3	5	5 Feet	

Structure	Number: <u>640013</u>			Inspec	tion Date: <u>12/20/2021</u>
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

Ber	nt 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	61	31	30	0	0 Feet	
Eleme	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with hair throughout the cap	line map cracking		2	30	Feet	
234	Cracking (RC and Other)	hairline map cracking on both	faces of the cap		1	25	Feet	
	<b>General Comments</b>							_

End	d Bent 2	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ced Concrete Abutment	120	117	0	3	0 Fe	eet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		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 ex 1" 1/2" deep)	posed steel (21" )	x 10" x	3	2	2	Feet
215	Cracking (RC and Other)	hairline map cracking, 10 ft. long abutment 2	on the right side o	of	1	10		Feet
	<b>General Comments</b>							

Ena	Bent 2	Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	87	74	13	0	0 F	eet
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	left end: spall with no exposed	rebar (4" x 3" x 1" de	eep)	2	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence througho	ut, under girders 7,	8 and 9	2	12		Feet
7	Conoral Commonts							

**General Comments** 

Ber	nt 3	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	61	46	15	0	0 Feet	
Elemei Numbe	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with 9" ha west face at the left end	irline vertical crack	on the	2	1	Fee	et
234	Efflorescence/Rust Staining	surface efflorescence with hairli columns on the bottom face	ne cracking betwee	n the	2	14	Fee	et
	General Comments							

Ben	t 4	Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	61	44	17	0	0 Feet	
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence with hairli face between the columns	ne cracking on the	bottom	2	16	Feet	
234	Patched Area	[NEW REPAIR - PATCHING] FOR exposed rebar on the east face u 1")			2	1	Feet	
-	General Comments	•						

Ber	nt 5	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	61	40	20	1	0 F	eet
Elemei Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	spall with exposed rebar on the b overhang (10" x 8" x 2")	ottom face under t	he left	3	1	1	Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairling face between the columns	e cracking on the b	ottom	2	14		Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairling faces under girders 5 thru 8.	e map cracking in l	ooth	2	6		Feet
	General Comments							

Ben	it 6	Cap 1						
Rei	nforced Cond	crete Pier Cap						
	ment nber R	Element Name einforced Concrete Pier Cap	<b>Total</b> <b>Qty</b> 61	CS1 Qty 7	<b>CS2</b> <b>Qty</b> 51	CS3 Qty 3	<b>CS4</b> <b>Qty</b> 0 F	eet
Elemen Numbe	Dofoot Ty	pe Defect Des	scription		cs	CS Qty	Maint Qty	
234	Cracking (RC a	and cracking up to (1/16") wide with rust stains on the west face und area (21" wide x 15" high)			3	2	2	Feet
234	Cracking (RC a	and cracking up to (1/8") wide and e west face under girder 1	efflorescence build-u	p on the	3	1	4	Feet

Structure	Number: <u>640013</u>			Inspec	tion Date: 12/20/2021
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				

Ber	nt 7	Cap 1						
Rei	inforced Concr	ete Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Rei	nforced Concrete Pier Cap	63	42	21	0	0 Feet	
Eleme	Dofoot Type	e Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC an Other)	d cracking up to (1/32") wide with the east face under girder 7	surface efflorescen	ce on	2	1	Feet	
234	Efflorescence/Ru Staining	ust surface efflorescence with hairli faces and in the bottom face bet		both	2	20	Feet	
	General Commen	ts						

Bent 7		Pile 2						
Reinforce	ed Concrete	Column						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	Each
lement umber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
205 Crack Other	king (RC and	g (RC and 10 ft. by the full circumference area of hairline to 1/2 map cracking from the ground line up 10 ft. high		/16" wide	3	1	10	Each
Genera	al Comments							

Ber	nt 8	Cap 1											
Rei	Reinforced Concrete Pier Cap												
	ment mber Reinford	Element Name red Concrete Pier Cap	Total Qty 63	<b>CS1 Qty</b> 40	<b>CS2</b> <b>Qty</b> 21	<b>CS3 Qty</b> 2	CS4 Qty 0 Feet						
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty						
234	Cracking (RC and Other)	NEAR BEARING, OPEN CRACKI EMANATES FROM THE LEFT AN	ROMPT ACTION REQUEST] AT THE SPAN 9 GIRDER 1 EAR BEARING, OPEN CRACKING TO 3/16" WIDE IANATES FROM THE LEFT ANCHOR BOLT EXTENDING DWN THE EAST FACE APPROXIMATELY 4.5', AND THE EST APPROXIMATELY 1.5'				10 Feet						
234	Efflorescence/Rust Staining	surface efflroescence with hairling bottom face between the column		n the	2	21	Feet						
234	Cracking (RC and Other)	DUPLICATE			1		Feet						
234	Cracking (RC and Other)	hairline map cracking on the wes beam 5	st face of the cap u	nder	1	3	Feet						

Bent	t 8	Pile 1						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	1	0	0	Each
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	cracking up to (1/64") wide with 20 square feet	surface efflorescen	ce for	2	1		Each
(	General Comments	-						

Ben	t 9	Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	61	40	20	1	0 1	-eet
Element Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking and efflorescence on t up to (1/4") wide	he east face under ç	jirder 1	3	1	3	Feet
234	Efflorescence/Rust Staining	surface efflorescence and hairli faces throughout	ne map cracking on	all	2	20		Feet
(	General Comments							

Bent 9		Pile 1						
Reinto	rced Concrete	Column						
Elemen Numbe	· <del>-</del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0 E	Each
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
205 Pa	tched Area	unsound patched area, 18" hairl surface efflorescence in the sou cap.			3	1	1	Each
Ger	neral Comments							

Bei	nt 10	Cap 1							
Rei	inforced Concrete	Pier Cap							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinford	ed Concrete Pier Cap	61	30	30	1	0	Feet	
Eleme	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty		
234	Efflorescence/Rust Staining	heavy build-up with vertical crack girder 1	ing on the east fac	e under	3	1	•	1 Feet	
234	Efflorescence/Rust Staining	surface efflorescence and hairline faces throughout	e map cracking on	all	2	30		Feet	
	General Comments								<del></del>

Bent	t 10	Pile 1						
Rein	forced Concrete	Column						
Elem Num	. •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	ach
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at the ground: cracking up to (1/ efflorescence for the full circumf		ce	3	1	20	Each
(	General Comments							

Ber	nt 10	Pile 2						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	1	0	0 Each	
Elemer Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
205	Efflorescence/Rust Staining	at the gound: surface effloresce	ence with hairline cra	acking	2	1	Each	
	<b>General Comments</b>							

Bent	t 11		Cap 1						
Rein	force	ed Concrete	Pier Cap						
Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234		Reinforc	ed Concrete Pier Cap	61	21	40	0	0	Feet
Element Number	- г	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
234	Efflore Staini	escence/Rust ng	surface efflorescence and hairl faces throughout	ine map cracking on	all	2	40		Feet
(	Genera	I Comments							

Ber	it 11	Pile 1						
Rei	nforced Concrete	Column						
	ment nber Reinfor	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
Elemer Numbe	It Defeat Type	Defect Des	scription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	cracking up to (1/32") wide ver the pile	tical thru out the len	gth of	2	1	-	Each
	General Comments							

Bent 11		Pile 2						
Reinfor	ced 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	
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

205 Efflorescence/Rust at the ground: surface efflorescence (similar throughout) 2 1 Each Staining

Ben	nt 12	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	62	60	1	1	0 Fee	t
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	spall on the east bottom edge b long x 3" high x 2" deep	etween the columns	s, 10"	3	1	1 F	eet
234	Cracking (RC and Other)	cracking on the east face under	bay 2 up to (1/64") v	wide	2	1	F	eet
	<b>General Comments</b>							

Bent	12	Pile 1							
Rein	forced Concrete	Column							
Elem Num 205	ber	Element Name red Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 1	CS4 Qty 0	Each	
Element Number	Defect Type	Defect D	Description		cs	CS Qty	Maint Qty		
205	Delamination/Spall	spall with exposed rebar at to x 9" x 2" deep)	ne bottom on the east f	ace (18"	3	1	2	2 Each	
	Cracking (RC and Other)	cracking up to (1/32") wide for efflo	or the full column heigh	nt with	2			Each	
-	Seneral Comments								

Bent	: 12	Pile 2						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0	Each
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	hairline to 1/16" wide vertical cracking starting at groundline up 20 ft. high with efflorescence east face.		) <u>.</u>	3	1	-	Each
(	Seneral Comments							

Bent 1	3	Cap 1						
Reinfo	rced Concrete	Pier Cap						
Elemer Numbe	<del></del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	62	50	10	2	0	Feet
lement Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	acking (RC and ther)	hairline to 1/16" wide map cracki cap	ng on the right end	l of the	3	2	2	? Feet
	florescence/Rust aining	surface efflorescence and hairling face between the columns	e cracking on the l	oottom	2	10		Feet
Ge	neral Comments							

Ben	t 13	Pile 1						
Reir	nforced Concrete	Column						
	ment nber Reinford	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe	Dofoot Typo	Defect Descrip	tion		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: SURF COARSE AGGREGATE EXPOSED	ACE ABRASION	WITH	2	1	Each	
205	Cracking (RC and Other)	VERTICAL CRACKING UP TO .03" OWEST FACE.	PEN, 12' HIGH (	ON	2		Each	
205	Cracking (RC and Other)	VERTICAL CRACKING UP TO .03" O SOUTH AND EAST FACES.	PEN, 15' HIGH (	ON	2		Each	
-	General Comments							

Por	nt 13	Pile 2						
Dei	เเเง	Pile 2						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	1	0	0 Each	
Elemer Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	abrasion and wear at the water line	е		2		Each	
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: SUR COARSE AGGREGATE EXPOSED.		WITH	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)	· · · · · · · · · · · · · · · · · · ·			2		Each	_
	General Comments							

_													
Ben	nt 14	Footing											
Rei	Reinforced Concrete Footing												
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty						
220	Reinforced Concrete Pile Cap/Footing 44 0				36	8	0 Fe	eet					
Elemen Numbe	Dofoot Tymo	Defect Descript	ion		cs	CS Qty	Maint Qty						
220	Abrasion/Wear (PSC/RC)		J/W INSPECTION: FOOTING HAS COARSE AGG EXPOSED WITH RANDOM SPALLS AND HONEYCOMBED AREAS THROUGHOUT.			3	35	Feet					
220	Cracking (RC and Other)	cracking up to (1/4") wide below the wa	ater line		3	1	15	Feet					
220	Cracking (RC and Other)	hairline to 1/16" wide map cracking full length some with efflo.	on the top and s	sides,	3	1	30	Feet					
220	Cracking (RC and Other)	U/W INSPECTION: H/L CRACKS IN T	IDAL ZONE.		3	3	9	Feet					
220	Abrasion/Wear (PSC/RC)	abrasion and wear at the water line	abrasion and wear at the water line			33		Feet					
220	Cracking (RC and Other)	MAP CRACKING WITH EFFLORESC	ENCE ON WEST	ΓFACE.	2	1		Feet					
220	Cracking (RC and Other)	VERTICAL MAP CRACKING WITH E EAST FACE.	FFLORESCENC	E ON	2	1		Feet					

220 Cracking (RC and VERTICAL MAP CRACKING WITH EFFLORESCENCE ON 2 1 Feet Other) WEST FACE.

**General Comments** 

Ben	t 15	Footing						
Reir	nforced Concrete	Footing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinford	ed Concrete Pile Cap/Footing	44	0	0	44	0 F	eet
Elemen Numbe	mber Defect Type Defect Description				cs	CS Qty	Maint Qty	
220	Abrasion/Wear (PSC/RC)					2	24	Feet
220	Cracking (RC and Other)	abrasion and wear and cracking up to (1/4") wide at and below the water line with heavy efflorescence build-up			3	21	30	Feet
220	Cracking (RC and Other)	cracking up to (1/4") wide with efflor face	escence on the	top	3		30	Feet
220	Cracking (RC and Other)	horizontal cracking on the east face wide	at column 2 up	to (1/2")	3		7	Feet
220	Cracking (RC and Other)	U/W INSPECTION: H/L CRACKS UP THROUGHOUT FOOTING	O 3/8" CRACKS	3	3	20	20	Feet
220	Delamination/Spall	spall with no exposed steel on the n 6")	spall with no exposed steel on the north face (56" x 17" x			1	5	Feet
220	Cracking (RC and Other)	MAP CRACKING WITH EFFLORESCENCE ON SOUTH FACE UNDER COLUMN 2.		2			Feet	
220	Cracking (RC and Other)	MAP CRACKING WITH EFFLORESCENCE ON WEST FACE UNDER COLUMN 2.			2			Feet

Dan	4.46		Facting									
Ben	ι 10		Footing									
Reinforced Concrete Footing												
	Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
220	220 Reinford		ced Concrete Pile Cap/Footing	90	0	90	0	0 F	eet			
Element Number	Dofoct	Туре	ype Defect Description				CS Qty	Maint Qty				
220	Damage		BROKEN AND DECAYED SHEETING BUFFER BOARDS 3 ALONG BOTTOM 5' AT NORTHEAST CORNER.					5	Feet			
220	Damage		broken and decayed timber at the bo corner (similar throughout)	ottom of the nor	thwest	3		25	Feet			
220	Damage		BROKEN BOARD 5' HIGH NEAR CEN FACE IN TIMBER SHEETING BUFFE		AST	3		5	Feet			
220	Damage		EAST FACE: TIMBER SHEETING BU DECAYED 6' HIGH X UP TO 2" DEEP		· ··· · —	3		35	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		WEST FACE: STEEL SHEETING HAS SURFACE LOSS OF SECTION UP TO 3/16" IN TIDAL ZONE 5' HIGH.			3		60	Feet			
220	Damage		UNDERWATER INSPECTION: SEE ADDITIONAL COMMENTS				90	90	Feet			

Bent	t 16	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234 Reinfo		ed Concrete Pier Cap	77	0	0	77	0 F	eet
lement lumber	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking up to (1/8") wide on the corner	top face at the sou	thwest	3	10	30	Feet
234	Cracking (RC and Other)	ng (RC and MAP CRACKING UP TO 1/16" OPEN FROM LEFT END TO		3	30	30	Feet	
234	234 Efflorescence/Rust efflorescence build-up of Staining length		es for the full heigh	t and	3	37	77	Feet

Ber	nt 16	Pile 1						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	0	1	0 Ea	ich
Elemei Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFF THROUGHOUT 25% OF ALL FAC			3	1	5,000	Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING EFFLORESCENCE ON EAST FAC		WITH	3		500	Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING EFFLORESCENCE ON NORTH FA		WITH	3		500	Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING EFFLORESCENCE ON WEST FAC		WITH	3		500	Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SO ~10% OF ALL FACES	CATTERED THROU	GHOUT	3		650	Each
	General Comments							

Bent	t 16	Pile 2						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 Ea	ach
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EF THROUGHOUT 25% OF ALL FAC			3	1	5,000	Each
	205 Efflorescence/Rust EFFLO BUILD-UP AT Staining ~10% OF ALL FACES		CATTERED THROUG	SHOUT	3		500	Each
C	General Comments							

Bent 17		Footing						
Reinfor	ced Concrete Footing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinforced Concret	e Pile Cap/Footing	90	0	90	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

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Siruciure	140013			inspection b	ale. <u>12/20/2021</u>
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

IXCIII	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234 Reinford		ed Concrete Pier Cap	77	1	24	52	0 F	eet
Element Number	Dofoct Typo	e 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			15	15	Feet
234	Cracking (RC and Other)	VERTICAL AND MAP CRACKING EFFLORESCENCE ON EAST FA		WITH	3	1	500	Feet
234	Delamination/Spall	delam and spall with exposed re the west arch (24" x 36" x 1 1/2"		ace of	3	6	6	Feet
234	Efflorescence/Rust Staining	efflorescence build-up on all fac width.	es for the full height	t and	3	30	5,000	Feet
234	Cracking (RC and Other)	UNDERWATER INSPECTION: RAWIDE MAP CRACKS ON TOP OF PEDESTALS. CONFIRMED 2020	CAPS AROUND BE	ARING	2	24		Feet

Ben	nt 17	Pile 1						
Reir	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	0	1	0 E	ach
Elemen Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO THROUGHOUT 25% OF ALL FACES	SCATTERED		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 SCAT ~10% OF ALL FACES	TERED THROU	GHOUT	3		650	Each

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2

Each

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.

**General Comments** 

Ber	nt 17	Pile 2						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforc	ed Concrete Column	1	0	0	1	0 E	ach
Element Number Defect Type Defect Def			on		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	HL TO 1/16"W CRACKING w/ EFFLO THROUGHOUT 25% OF ALL FACES	SCATTERED		3	1	5,000	Each
205	Cracking (RC and Other)	VERTICAL AND MAP CRACKING UP EFFLORESCENCE ON SOUTH FACE.		WITH	3		500	Each
205	Efflorescence/Rust Staining	EFFLO BUILD-UP AT CRACKS SCAT ~10% OF ALL FACES	FLO BUILD-UP AT CRACKS SCATTERED THROUGHOUT 0% OF ALL FACES				650	Each
205	Cracking (RC and Other)	RANDOM CRACKING AND EFFLO SE	NDERWATER INSPECTION: SOUTH FACE HAS 40% OF ANDOM CRACKING AND EFFLO SEEPAGE. NORTH FACE AS HORIZONTAL CRACKING WITH EFFLO SEEPAGE					Each
	General Comments							<del>_</del>

Ber	Bent 19							
Rei	nforced Cond	crete Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	R	teinforced Concrete Pier Cap	61	45	16	0	0 Feet	
Elemer Numbe	Dofoot Ty	rpe Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Cracking (RC a	and map cracking up to (1/64") wide a bottom face of the cap, west face under girder 6, right end of the cap.	under girder 4, we	st face	2	16	Feet	
	General Comme	ents						_

Ben	nt 19		Pile 2						
Rei	nforced Cor	crete Column							
	ment mber	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205		Reinforced Concrete Colum	n	1	0	1	0	0 Each	
Elemen Numbe	Dofoot T	ype	Defect Description			cs	CS Qty	Maint Qty	
205	Cracking (RC Other)	and cracking up to (1	/32") wide throughout			2	1	Each	

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Bent 20		Cap 1						
Reir	forced Concrete	Pier Cap						
Eler Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	67	67 37	7 30	0	0 Feet		
lemen lumbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	cracking on the bottom face bet (1/64") wide.	ween the columns (	up to	2	30	Feet	
-	General Comments							

Bent	21	Cap 2						
Reinf	forced Concrete	Pier Cap						
Eleme Numb	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	37	35	0	2	0 Fe	eet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
234 I	Delamination/Spall	RIGHT SIDE OF COLUMN 3, BOT WITH EXPOSED REBAR [1' LONG WITH LAYERED RUST ON THE R	3 X 6" WIDE X 2" D		3	1	1	Feet
	Efflorescence/Rust Staining	efflorescence build-up on the we	st face under girde	r 8	3	1	2	Feet
G	eneral Comments							

Ben	it 21	Pile 4						
Reir	nforced Concrete	Column						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0 Eac	ch
Elemen Numbe	Dofoot Tyme	Defect Desc	cription		cs	CS Qty	Maint Qty	
205 Cracking (RC and hairline to 1/16 Other)		hairline to 1/16" wide vertical cra	acking up to 20 ft. h	igh	3	1	20 E	Each
-	General Comments							

Bent	t 22	Pile 1						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	ach
Element Number	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
	Efflorescence/Rust Staining	efflorescence build-up TOP FACE	Ī		3	1	1	Each
7	General Comments							

							•		
Ber	nt 22	Pile 2							
Rei	nforced Concrete	Column							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforc	ed Concrete Column	1	0	0	1	0 E	Each	
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty		
205	Efflorescence/Rust Staining	efflorescence build-up with vert wide	ical cracking up to 0	).03"	3	1	10	Each	
	General Comments								

Ron										
Dei	it 23			Cap 1						
Ste	el Pier Cap									
	ment nber	Steel Pie	Element Name		Total Qty 105	<b>CS1 Qty</b> 103	CS2 Qty		CS4 Qty	
515	S	Steel Pro	tective Coating		2,360	2,358	0	0	2	Square Feet
Elemen Numbe	Dofoot Ti	/pe		Defect Description			cs	CS Qty	Maint Qty	
231	Corrosion		PRIORITY MAINTE on the bearing's rollength on both side	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 ength on both side. THERE IS SURFACE CORROSION NITIATING IN SCATTERED AREAS.				2		Feet
231	Corrosion		repainted. 2018 repactive corrosion ar	EPAIR observed in 2020 insp: area has been cleaned and epainted. 2018 report had PRIORITY MAINTENANCE - ctive corrosion and section loss on the right cap bearing op of column 2) on the north face (18" x 1 1/2" x 1/4" deep			1			Feet
231	Corrosion		REPAIR observed	n 2020 insp: steel ca		n cleaned	1			Feet

Ber	nt 23	Pile 1						
Rei	nforced Concrete	Column						
	ment mber Reinforce	Element Name ed Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Ea	ach
Elemer Numbe	Defect Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	SCATTERED THROUGHOUT THE MAP CRACKING TO 1/4" WIDE. T THE TOP OF THE COLUMN UND	HIS CRACKING CR	OSSES	3		60	Each
205	Efflorescence/Rust Staining	efflorescence build-up on the we	st face		3	1	8	Each
205	Efflorescence/Rust Staining	surface efflorescence for 30 squa	are feet		2			Each
	<b>General Comments</b>							

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Ber	nt 23	Pile 2						
Rei	nforced Concrete	e Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfo	rced Concrete Column	1	0	0	1	0 E	ach
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at ground: cracking up to (1/16") w	ride for the full columr	n height	3		20	Each
205	Cracking (RC and Other)	cracking up to (1/4") on the top factoring cracking up to (1/2")		the bent	3	1	5	Each
	<b>General Comments</b>							

Ben	t 24	Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234		ed Concrete Pier Cap	43	24	19	0		Feet
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	Rust hairline cracking on both faces of the cap, some with efflo.			2	15		Feet
234	Efflorescence/Rust Staining	surface efflorescence under gire	der 6		2	4		Feet
7	General Comments							

Bent	24	Pile 1						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	1	0	0	Each
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
	Efflorescence/Rust Staining	surface efflorescence and crack square feet	ing up to (1/64") wid	de for 8	2	1		Each
G	eneral Comments							

Ber	nt 24	Cap 2							
Rei	nforced Concrete	Pier Cap							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinford	ed Concrete Pier Cap	44	41	3	0	0	Feet	
Elemer Numbe	Defeat Time	Defect Des	cription		CS	CS Qty	Maint Qty		
234	Efflorescence/Rust Staining	surface efflorescence on the ea	st face under bays 9	and 10	2	3		Feet	
	General Comments								_

									_
Ben	t 24	Pile 3							
Rei	nforced Concrete	Column							
	<b>nent</b> <b>nber</b> Reinford	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 0	CS4 Qty		
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty		
205	Cracking (RC and Other)	at the ground: cracking up to (1) efflorescence for 15 square feet		ce	2	1		Each	
205	Efflorescence/Rust Staining	cracking up to (1/64") wide with the top near the cap	surface efflorescend	ce at	2			Each	
-	General Comments								

Ben	t 24 nforced Concrete	Pile 4						
Elen	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	1	0	0	Each
ement	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	at the ground: 1/32" wide vertica on the south and north faces	Il cracking up to 8 f	t. high	2	1		Each
-	General Comments							

Ber	nt 25	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforc	ed Concrete Pier Cap	43	36	7	0	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
234	Delamination/Spall	spall with no exposed steel on the to 1/2" x 1")	p face in bay 6	(5" x 2	2	1	1 Feet	
234	Efflorescence/Rust Staining	surface efflorescence on the east fac	e under girder	2	2	1	Feet	
234	Efflorescence/Rust Staining	surface efflorescence on the east fac	e under girder	5	2	1	Feet	
234	Efflorescence/Rust Staining	surface efflorescence on the west fac	ce under bays 4	and 5	2	4	Feet	
	General Comments							_

Ben	t 25	Cap 2						
Rei	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	54	46	5	3	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	area of delam (30" x 20") and cra the west face left of column 3	cking up to (1/16")	wide on	3	3	3	Feet
234	Cracking (RC and Other)	cracking on the bottom and east (1/32") wide	faces under girder	8 up to	2	2		Feet
234	Cracking (RC and Other)	cracking on the east face under	girder 10 up to (1/32	2") wide	2	1		Feet

Delamination/Spall area of delamination on the west face of the cap under 2 2 2 Feet girder 8, 20" long x 15" high with hairline map cracking.

Ben	t 26	Cap 1						
Reir	nforced Concrete	Pier Cap						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforc	ed Concrete Pier Cap	43	42	1	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	(2 1/4" x 1 1/4" x 2" deep) spall of girder 6 near top edge	on the east face under	r	2	1	1 Feet	
-	General Comments							_

Ben	t 27	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforc	ed Concrete Pier Cap	45	41	4	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	surface efflorescence on the we	st face under girder	s 2 and	2	4	Feet	
	General Comments							_

Bent	29	Pile 1						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	ach
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	Efflorescence/Rust Staining	efflorescence build-up at 2ft belo	w the cap		3	1	2	Each
G	Seneral Comments							

Bent 29	)	Pile 3						
Reinfor	ced Concrete	Column						
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 Each	
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
205 Del	lamination/Spall	EAST FACE AT THE TOP, SPALI REBAR [APPROXIMATELY 1' LO DEEP]; NO MEASURABLE SECT	NG X 6" HIGH X UF		3	1	1 Each	
Gen	eral Comments							-

t 30	Pile 2						
nforced Concrete	Column						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Reinford	ced Concrete Column	1	0	1	0	0	Each
Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
Abrasion/Wear (PSC/RC)				2	1		Each
	ment nber Reinford  It Defect Type Abrasion/Wear	ment nber Element Name Reinforced Concrete Column  It Defect Type Defect Dec Abrasion/Wear abrasion and wear at the bottom	ment noted Concrete Column  ment Element Name Qty Reinforced Concrete Column 1  tr Defect Type Defect Description  Abrasion/Wear abrasion and wear at the bottom of the column for its full	ment nber Element Name Qty Qty Reinforced Concrete Column 1 0  It Defect Type Defect Description  Abrasion/Wear abrasion and wear at the bottom of the column for its full	ment noted Concrete Column  ment Element Name Qty Qty Qty Reinforced Concrete Column 1 0 1  or Defect Type Defect Description CS  Abrasion/Wear abrasion and wear at the bottom of the column for its full 2	ment noted Concrete Column  ment Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Column 1 0 1 0  out Defect Type Defect Description CS CS Qty  Abrasion/Wear abrasion and wear at the bottom of the column for its full 2 1	ment noted Concrete Column  ment Element Name Qty

**General Comments** 

Bent	31	Cap 1						
Reinf	forced Concrete	Pier Cap						
Eleme Numb	****	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	29	28	0	1	0 Feet	
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	spall with no exposed rebar on t the columns (10" x 3" x 1/4")	he bottom face bety	ween	3	1	1 Feet	
G	eneral Comments							$\overline{}$

**General Comments** 

Ben	t 32	Abutment						
Rei	nforced Concrete	Abutment						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ced Concrete Abutment	53	0	53	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Efflorescence/Rust Staining	area of hairline map cracking or bridge abutment, 10 ft. long with		p	2	10	Feet	
215	Efflorescence/Rust Staining	cracking less than (1/64") wide a throughout	and surface effloreso	cence	2	39	Feet	
215	Efflorescence/Rust Staining	surface efflorescence on the left	t wing		2		Feet	
215	Patched Area	[NEW REPAIR-PATCHING] FOR exposed rebar behind girder 1 (	•	ı	2	2	Feet	
215	Patched Area	[NEW REPAIR-PATCHING] FOR exposed rebar behind girder 5 (	•	no	2	2	Feet	
	General Comments	exposed repair belling girder 5 (	10 X 0 X 2 )					

Ben	t 32	Ramp End	d Bent Cap					
Rein	nforced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	31	0	25	6	0 F	-eet
Element Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	horizontal cracking on the west (1/2") wide for 5.5ft long (surface	•	•	3	6	6	Feet
234	Cracking (RC and Other)	cracking up to (1/32") wide with throughout the cap	surface efflorescen	ce	2	25		Feet

## **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	

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

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

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

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

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

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

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	

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

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

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

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

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

Location	Name	Component	Element Name	Amount
Span 18	L1 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L1 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U1 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U1 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U2 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U2 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L2 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L2 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L3 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L3 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U3 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U3 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U4 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U4 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L4 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L4 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L5 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L5 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U5 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U5 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U6 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U6 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L6 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L6 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U7 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U7 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L7 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L7 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L8 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L8 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U8 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U8 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U9 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U9 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L9 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L9 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U10 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U10 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L10 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L10 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L11 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	L11 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U11 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U11 SOUTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1
Span 18	U12 NORTH	Steel Gusset Plate - Primary	Steel Gusset Plate	1

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

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

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	Secondary Steel Truss Member	92
	<u> </u>	Assembly	1	<u> </u>
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

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		Rocker Bearing	Movable Bearing	1
<u>'</u>	Beam 6 Near Bearing	=	•	1
Span 20	Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing  Movable Bearing	1
Span 20	Beam 7 Near Bearing	Rocker Bearing	<u> </u>	1
Span 20	Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing  Movable Bearing	1
Span 20	Beam 8 Near Bearing	Rocker Bearing	Reinforced Concrete Deck	8364
Span 21	Deck	Reinforced Concrete Deck		
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

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

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

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

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

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
•		Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	68

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

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

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

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	eam 5 Prestressed Concrete Girder Prestressed Concrete Open Girder/Beam		77	
Span 30	Beam 6	Prestressed Concrete Girder	· ·		
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	

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	•	
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

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		
Span 32	Median Rail	Steel Rail	Metal Bridge Railing	
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

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		
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	

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

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

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**

ltem	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	6	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	6	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	7	For overall NBI coding grade, see cover sheet.
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**

ltem	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 Insepction Item is not present, leave NC SMU item blank

#### **Inspection Information**

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	164
Traffic Control Time	Hours	36
Snooper Time	Hours	33
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	Υ
Boat Used	YES/NO	Υ
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Υ

## National Bridge and NC SMU Inspection Item Details

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

				юроош	on Date.
tem	Deck - Item 58	Grade 6	Maint Code	Qty.	0
etails	GRADING MAINTAINED				
em	Superstructure - Item 59	Grade 5	Maint Code	Qty.	0
etails	GRADING MAINTAINED				
em	Substructure - Item 60	Grade 6	Maint Code	Qty.	0
etails	GRADING MAINTAINED				
em	Deck Debris	Grade F	Maint Code 3376	Qty.	169040
etails	RIGHT AND LEFT GUTTERLINES, DEBRIS ACCU	MULATION ALONG T	HE LENGTHS		
em	Drainage System	Grade F	Maint Code 3332	Qty.	169040
etails	ALONG THE RIGHT & LEFT GUTTERLINES, THE SCATTERED LOCATIONS.	DRAINAGE SYSTEM	INLETS ARE IMPACTE	O WITH C	DEBRIS IN
em	Slope Protection	Grade F	Maint Code 3352	Qty.	8
etails	AT ABUTMENT 2, RIGHT SIDE OF THE CONCRE HORIZONTAL CRACKING TO 1/8" WIDE [APPROX		ON ON THE SLOPE, TV	VO AREA	AS OF
em	Fender System	Grade F	Maint Code 3364	Qty.	472
etails	The timber fender system against the channel bents. The steel sheet piling has up to 100% section loss a				act zone.
em	Utilities	Grade F	Maint Code	Qty.	0
etails	SPAN 18, BETWEEN FLOOR BEAMS 6 AND 7 TH	ERE ARE 5 OF 9 UTL	TY BRACKETS DISCON	NNECTE	<b>D</b>
	AT L2 SOUTH SIDE BROKEN CONDUIT.				
em	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 NORTWEST CABLE BANK, RIGHT STIFFNER, 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



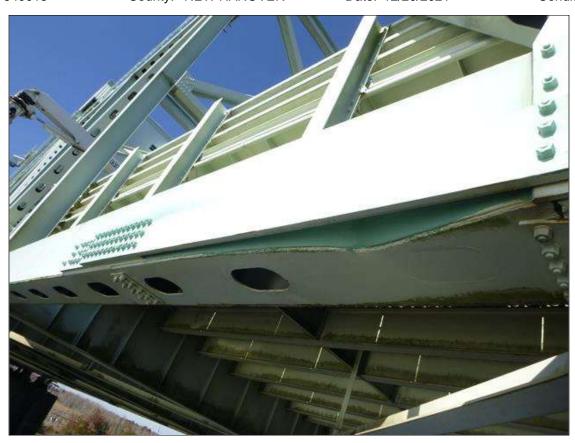
Span 18 Lift Span Stringer 10: REPAIR OBSERVED IN 2021 INSP: CRACK NOT VISIBLE AREA HAS BEEN PAINTED OVER. 2020 REPORT BETWEEN FB's 5-6 - 1-1/2"LONG CRACK IN DIAPHRAGM CONNECTION WELD AT BOTTOM ON NORTH SIDE.



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



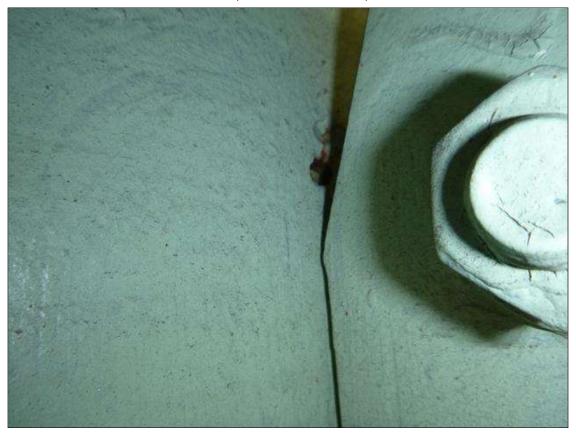
BETWEEN FLOOR BEAMS 6 AND 7 THERE ARE 5 OF 9 UTLITY BRACKETS DISCONNECTED..



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" > 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



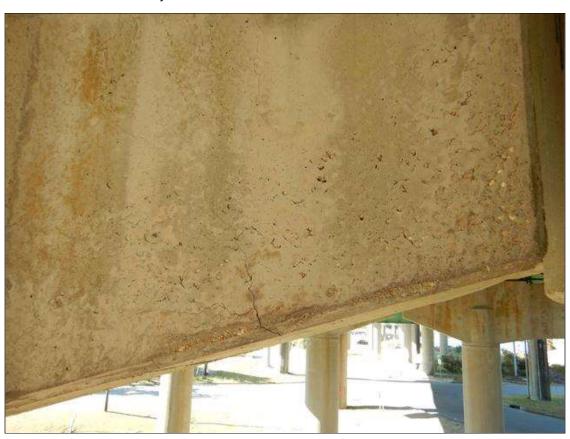
Bent 29 Pile 3: EAST FACE AT THE TOP, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 1' LONG X 6" HIGH X UP TO 2" DEEP]; NO MEASURABLE SECTION LOSS



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



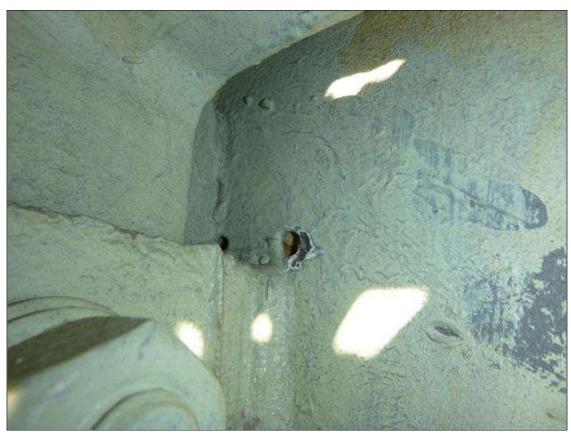
Span 18 Lift Span Stringer 9: BETWEEN FB's 9-10 - ACTIVE CORROSION ALONG TOP OF TOP FLANGE - NO MEASURABLE SECTION LOSS



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.



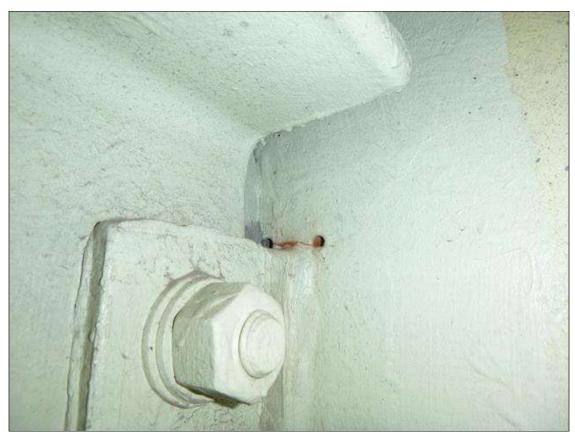
Span 18 Lift Span Floor Beam 10: (PAR) VERTICAL STIFFENER 12 EAST SIDE - 4"HIGH PITTED AREA AT BOTTOM FLANGE WIDE/ (3) HOLES FROM 1/4" TO 1/2" IN DIAMETER - 1/16" TO 1/8" REMAINING SECTION IN LOWER 1" OF AREA



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  $(10^{\circ} \text{ x 3}^{\circ} \text{ x 1/4}^{\circ})$ 



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 fron 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 wth exposed rebar on the bottom face up to (5" x 5" x 1/2") at serveral 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 fron 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 teh 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 17f1 from Bent 27 up to (5" x 3" x 1/4")



Span 29 Beam 7: [NEW REPAIR-PATCHING] FORMERLY --> spall withe 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



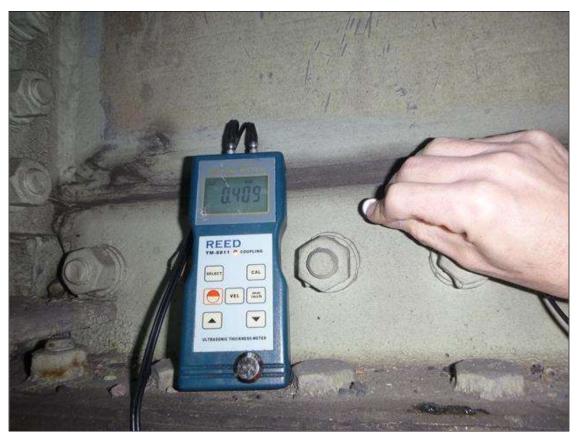
Span 32 Left Bridge Rail: damge to the bottom rail at End Bent 2



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 INPECTION 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.



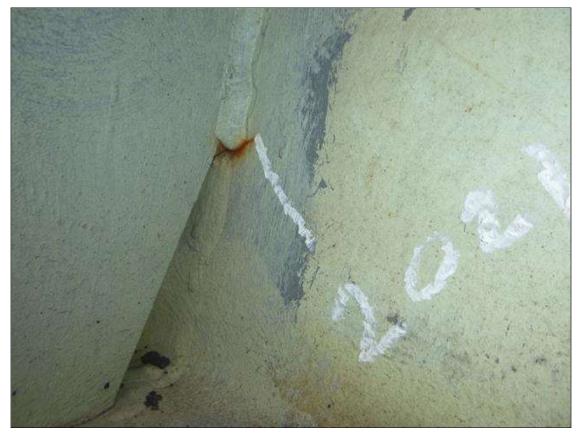
Span 18 Lift Span Floor Beam 9: REPAIR OBSERVED 2021 INSPECTION 7"HIGH REPAIR FROM TOP OF BOTTOM FLANGE WITH SURFACE RUST, 2020 INSPECTION HAD VERTICAL STIFFENER 2 ON EAST SIDE - 3"HIGH PITTED AREA AT BOTTOM FLANGE - LOWER 2" OF AREA REDUCED TO KNIFE EDGE WIDE/ (2) 1/2" TO 1-1/2" DIAMETER HOLES - CLEANED 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



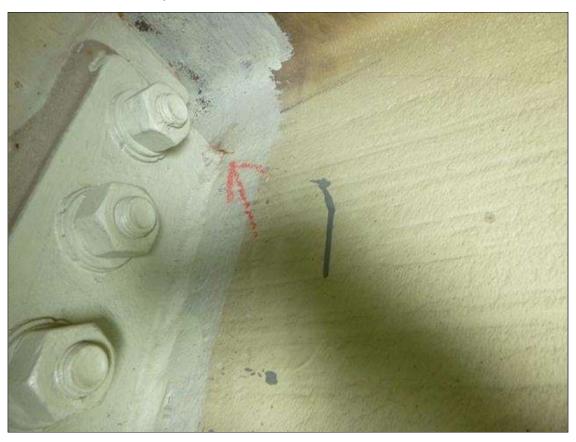
Span 18 Lift Span L5L6 NORTH: IN BOTTOM AT MID-LENGTH SURFACE RUST.



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



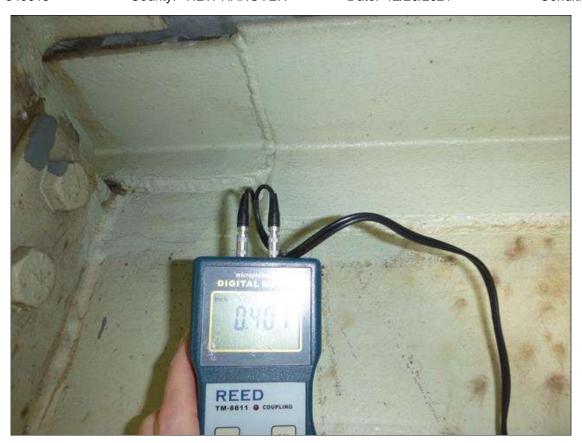
Span 18 Lift Span Stringer 3: BETWEEN FB's 1-2 - 1" CRACK IN WEB ACROSS BOTTOM OF WELD AT DIAPHRAGM CONNECTION - PROMPT ACTION REQUEST



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 NORTWEST 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)



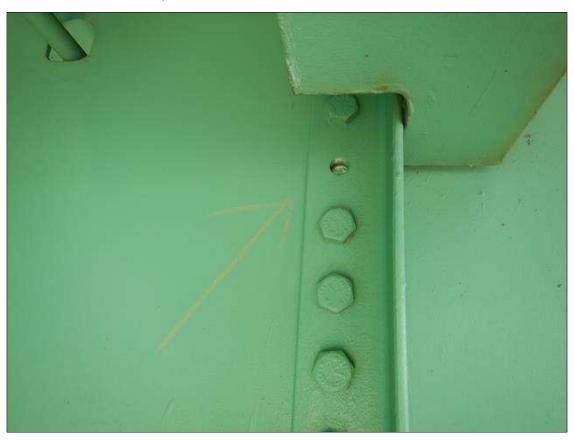
Span 22 Right Bridge Rail: TOP OF THE REINFORCED CONCRETE CURB, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 16" X 2" X 3/4"], NO MEASURABLE SECTION LOSS



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)  $\sim$ 1/2" DIAMETER x 1/16"DEEP INDENTION ON BOTTOM EAST CORNER AT 11'-3" FROM NORTHWEST TOWER LEG



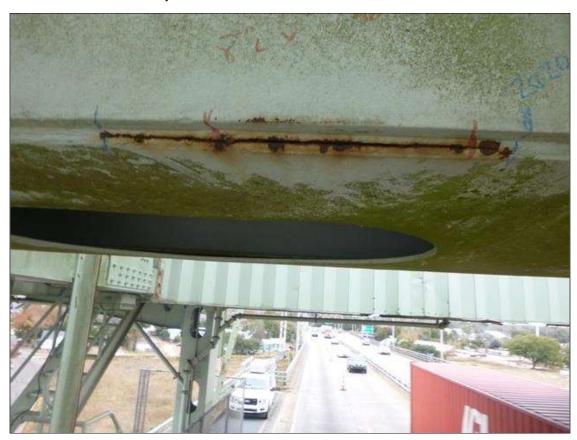
Span 19 EAST TOWER NORTH: 6/2020 - IMPACT DAMAGE - BOTTOM WEST HORIZONTAL TRUSS MEMBER - 3'L SECTION ON EAST SIDE BENT 1/2" TO THE WEST - LOCATED 11'-3" FROM NORTHWEST TOWER LEG (PAR)



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 OVEF 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 1/2" DUE PACK RUST WITH 1/8" LOSS OF SECTION AND 1/4" REMAINING ALONG PLATE EDGES. (PAR)



Span 18 Lift Span U2 NORTH: 1/2" PACK RUST UNDER BOTTOM GUSSET PLATE CONNECTION TO DIAGONAL EAST SIDE OF U2, ALSO 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 BEGININNG 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



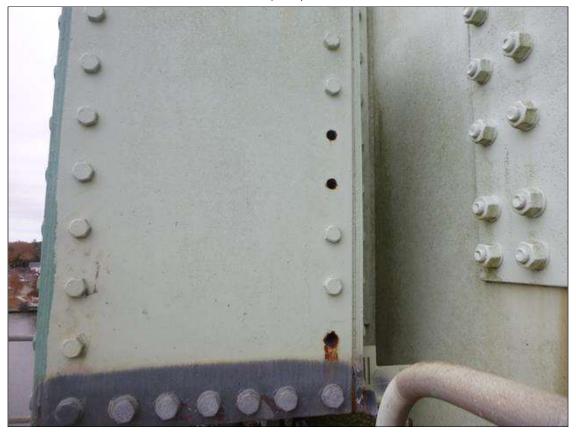
Span 18 Lift Span L0U1 NORTH: SCRAPES ON NORTH FACE 6' ABOVE BRIDGE DECK WITH SURFACE RUST.



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.



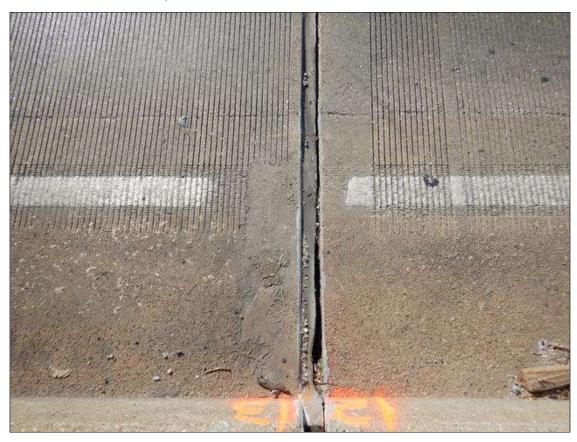
Span 4 Joint at Bent 3: SCATTERED ALONG THE LENGTH, PUNCTURES UP TO 1" DIAMETER IN THE LEFT LANES AND SCATTERED LOSS OF ADHESION IN THE RIGHT.



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



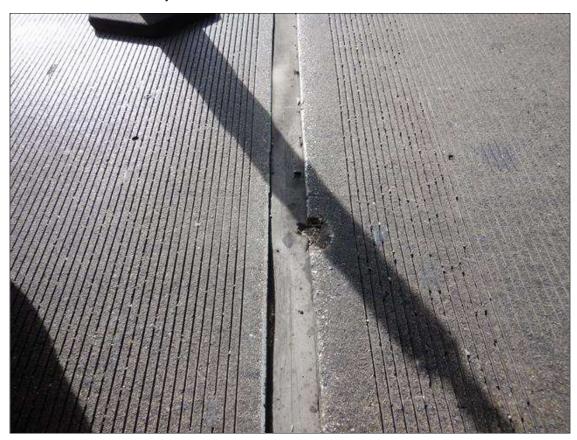
Span 13 Joint at Bent 12: SCATTERED ALONG THE LENGTH, LOSS OF SEAL ADHESION UP TO FULL DEPTH AND SCATTERED EDGE CHIPPING IN THE ADJACENT DECK HEADERS UP TO 1" WIDE



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]



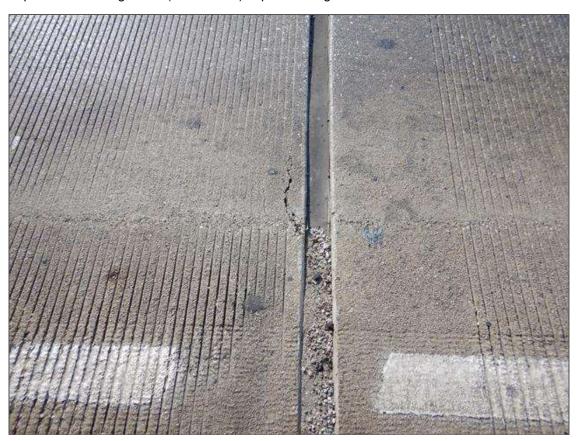
Span 32 Joint at Abutment 2: SCATTERED ALONG THE LENGTHS OF THE ADJACENT DECK HEADERS, SPALLING [UP TO 18" LONG X 3" WIDE X 2" DEEP]



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 --> spall 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"  $\times$  6"  $\times$  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 --> mutliple (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 13fl 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  $(10" \times 6" \times 1/2")$ 



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 form 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 form 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  $(8" \times 7" \times 1/2")$  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 siffener, web, flange and diaphgram 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").



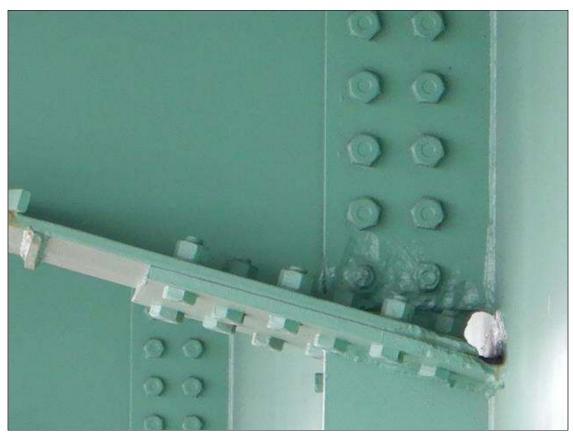
Span 21 Deck: spall with no exposed steel at deck drain on the right overhang at bent 19 (14" x 12" x 1 1/2")



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.



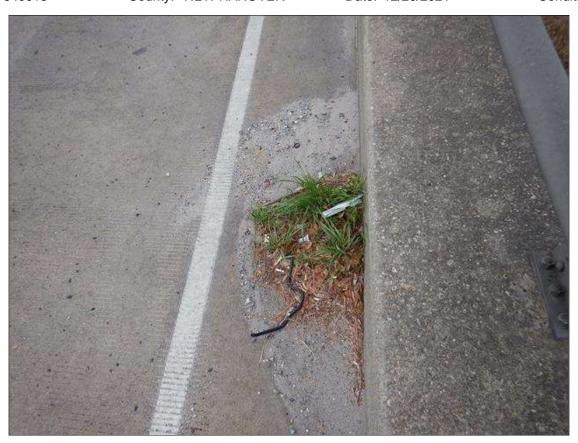
Span 16 Beam 8: Surface corrosion and with pack rust between members of the platform attached to the beams at the east face of bent 15.



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)



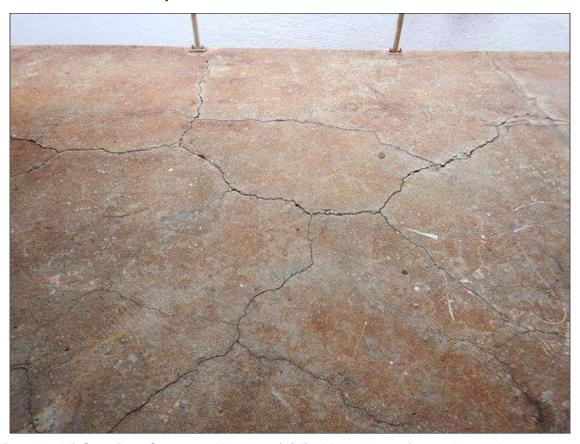
ALONG THE RIGHT & LEFT GUTTERLINES, THE DRAINAGE SYSTEM INLETS ARE IMPACTED WITH DEBRIS IN SCATTERED LOCATIONS.



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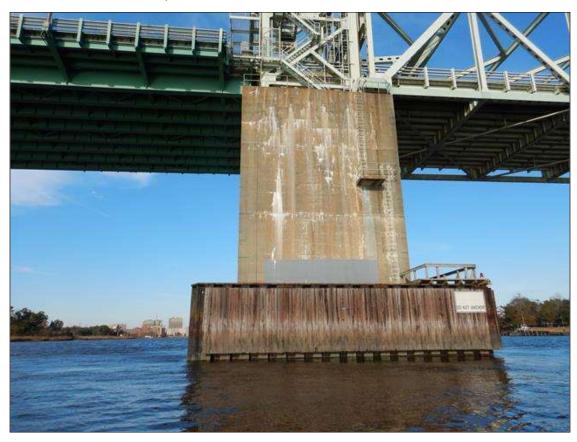
Span 18 Lift Span Left Bridge Rail: IMPACT DAMAGE/SCRAPES ON LEFT CURB WITH ASSOCIATED SURFACE CORROSION.



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)



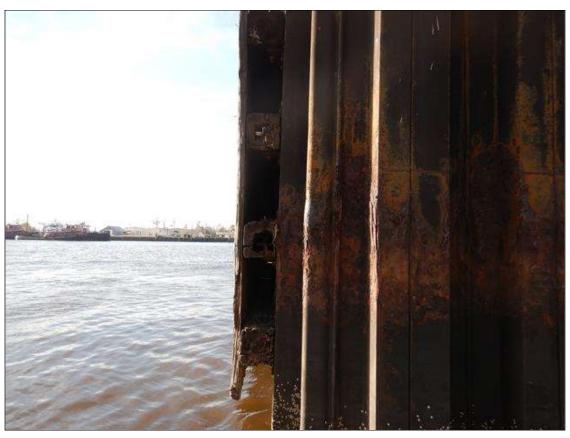
Bent 17 - Lift Span Bent Cap 1: DELAMINATION and spall with exposed rebar on the bottom face of the west arch (24" x 36" x 1 1/2")



Bent 17 - Lift Span Bent Footing: TIMBER SHEETING BUFFER BOARD IS BROKEN AND MISSING NEAR CENTERLINE ON WEST FACE.



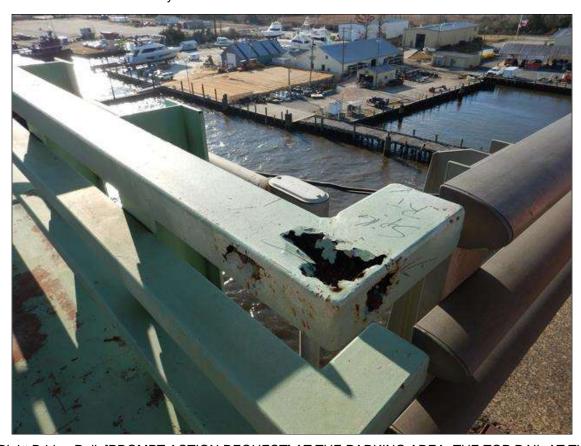
Bent 17 - Lift Span Bent Footing: (5) TIMBER SHEETING BUFFER BOARDS ARE DECAYED/BROKEN ON NORTHWEST SIDE WITH SECTION MISSING.



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.

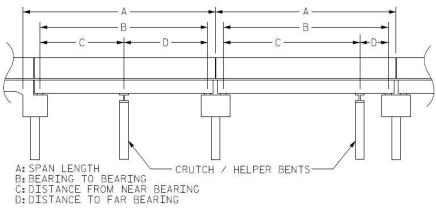


Bent 23 Pile 1: SCATTERED THROUGHOUT THE COLUMN, VERTICAL & MAP CRACKING TO 1/4" WIDE. THIS CRACKING CROSSES THE TOP OF THE COLUMN UNDER THE BEARING AREA.

## **Structure Data Worksheet**

## **Span Profile**

County: NEW Structure Number: 640013 **HANOVER** 



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			

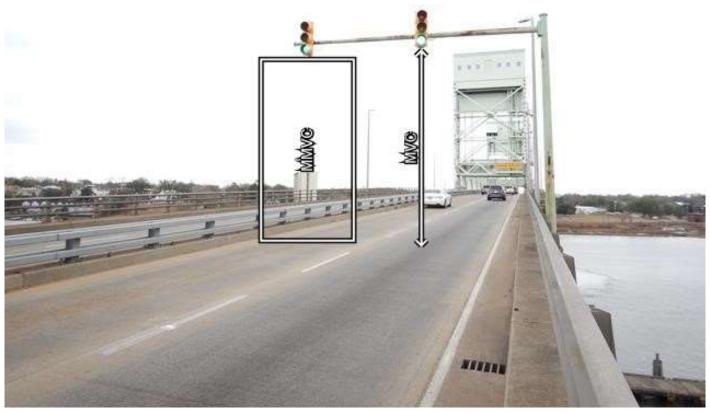
Structure Number: 640013 Span: 8 Route Name: SR1300



SPAN 8, LOOKING NORTH [SR1300]

Route Number: 310130	000	Route Name: SR1300						Reference Feature:	Н
Minimum Vertical Clears	Maximum Minimum Vertical Clearance 39.330 feet								
Total Horizontal Clearar	Total Horizontal Clearance 61.500 feet				inces: Left: 36	6.750 feet	<b>Right</b> 7.750	feet	
Base Highway Network LRS Inve				Route, S	Sub Route Num	ber			
Milepost: 0.000	Number	umber of Lanes: 2 ADT: 100 Year of ADT: 2010					Percentage of Trucks:	7	
□ National Highway System □ 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: 22000	002	Route Na	ame: l	US76E/US17N	Reference Feature:	Н		
Minimum Vertical Clears	830 feet	Maxim	um Minimum Vertical (	Clearance	19.083 feet			
Total Horizontal Clearance 27.000 feet Lateral Clearances: Left: 1.000 feet Right 2.000 feet								
Base Highway Network LRS Inventory Route, Sub Route Number								
Milepost: 0.000	Number	ber of Lanes: 2 ADT: Year of ADT: Percentage					Percentage of Trucks:	0
□ National Highway System □ 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: 220000	002	Route Na	ame:	US76E/US17N/US421S	Reference Feature:	Н		
Minimum Vertical Cleara	Maxim	um Minimum Vertical	Clearance	16.000 feet				
Total Horizontal Clearance 27.000 feet Lateral Clearances: Left: 1.000 feet Right 2.000 feet								
Base Highway Network LRS Inventory Route, Sub Route Nu				Route, Sub Route Num	ber			
Milepost: 0.000	Number	of Lanes: 2 ADT: Year of ADT:					Percentage of Trucks:	0
□ National Highway System □ 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: 22000	004	Route Na	me: l	US76W/US17S/US421N	Reference Feature:	Н		
Minimum Vertical Clears	000 feet	Maxim	um Minimum Vertical (	Clearance	16.000 feet			
Total Horizontal Clearar	0 feet	Lateral Clearances: Left: 1.000 feet Right 2.000				feet		
Base Highway Netwo	Base Highway Network LRS Inventory Route, Sub Route Number							
Milepost: 0.000	Number	mber of Lanes: 2 ADT: Year of ADT: F					Percentage of Trucks:	0
■ National Highway System ■ 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: 22000	004	Route Na	ame: l	US76W/US17S	Reference Feature:	Н		
Minimum Vertical Clear	t							
Total Horizontal Clearar	Total Horizontal Clearance 33.000 feet				000 feet <b>Right</b> 8.000	feet		
Base Highway Netwo	Base Highway Network LRS Inventory Route, Sub Route Number							
Milepost: 0.000	Number	of Lanes:	2	Percentage of Trucks:	7			
■ National Highway System ■ STRAHNET Highway Designator								
Functional Classification 12 Local Principal Arterial - Other Direction of Traffic: 1 1 - way traffic								

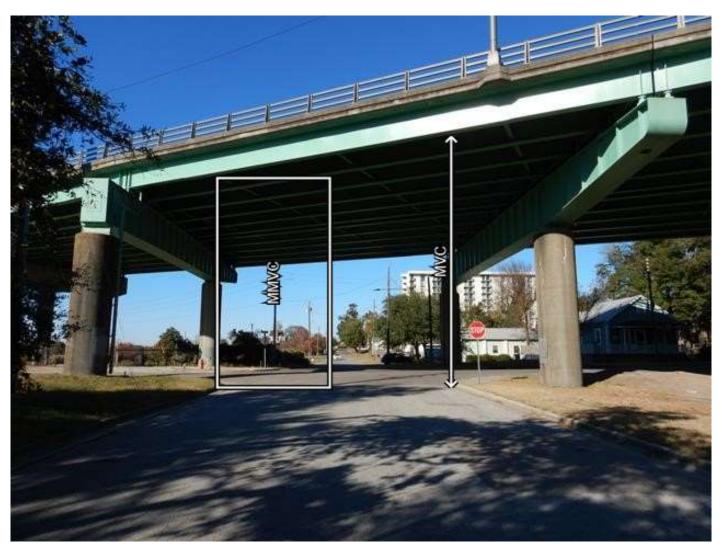
Structure Number: 640013 Span: 24 Route Name: QUEEN STREET [BENT 22]



BENT 22, LOOKING EAST

Route Number: 55000	004	Route Na	ame: (	QUEEN STREET [BENT	Reference Feature:	Н		
Minimum Vertical Clear	ance 25.	800 feet	Maxim	um Minimum Vertical (	Clearance 26.170 fee	et		
Total Horizontal Cleara	Total Horizontal Clearance 69.000 feet				2.830 feet <b>Right</b> 12.67	70 feet		
Base Highway Netwo	Base Highway Network LRS Inventory Route, Sub Route Number							
Milepost: 0.000	Number	of Lanes:	2	Percentage of Trucks:	0			
□ National Highway System □ STRAHNET Highway Designator								
Functional Classification 19 Local Other Direction of Traffic: 2 2 - way traffic								

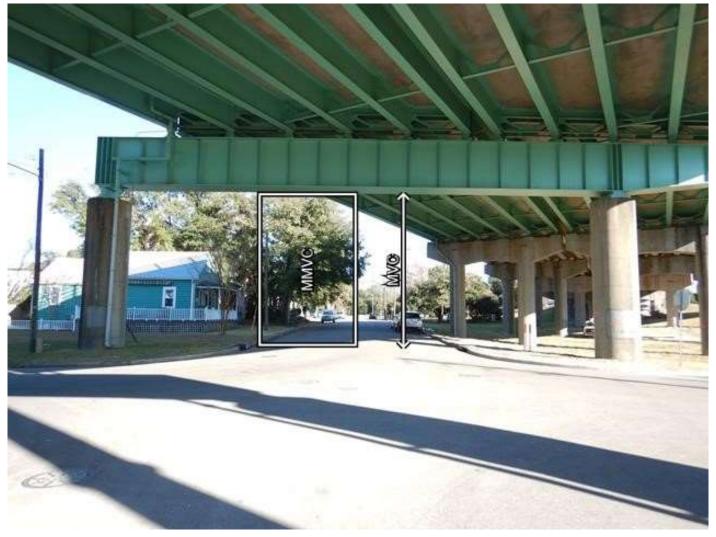
Structure Number: 640013 Span: 25 Route Name: SURRY STREET



SPAN 25, LOOKING NORTH [SURRY STREET]

Route Number: 51000	000	Route Na	me:	SURRY S	Reference Feature:	Н			
Minimum Vertical Clear	Maximum Minimum Vertical Clearance 33.830 feet								
Total Horizontal Clearar	0 feet	Latera	l Clearar	nces: Left: 1.	420 feet	Right 1.420	feet		
Base Highway Netwo	Base Highway Network LRS Inve				ub Route Num	ber			
Milepost: 0.000	Number	Number of Lanes: 2 ADT: 100 Year of ADT: 2010					Percentage of Trucks:	7	
□ National Highway System □ 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: 55000	004	Route Na	me: (	QUEEN STREET [BENT	Reference Feature:	Н		
Minimum Vertical Clearance 23.920 feet				um Minimum Vertical (				
Total Horizontal Cleara	0 feet	Lateral Clearances: Left: 1.420 feet Right 1.420 feet						
Base Highway Netwo	Base Highway Network LRS Inventory Route, Sub Route Number							
Milepost: 0.000	Number	umber of Lanes: 2 ADT: Year of ADT:					Percentage of Trucks:	0
□ National Highway System □ 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: 51000	000	Route Na	ıme:	FRONT STREET	Reference Feature:	Н		
Minimum Vertical Clears	Maxim	um Minimum Vertical (	Clearance	17.450 feet				
Total Horizontal Clearar	0 feet	Latera	l Clearances: Left: 8.	000 feet	Right 1.830	feet		
Base Highway Netwo	LRS Inv	entory F	Route, Sub Route Num	ber 0				
Milepost: 0.000	Number	ber of Lanes: 3 ADT: 12500 Year of ADT: 2019				<b>NDT</b> : 2019	Percentage of Trucks:	8
National Highway Sy				TRAHNET	Highway Desig	nator		
Functional Classification 17 Local Collector Direction of Traffic: 2 2 - way traffic								



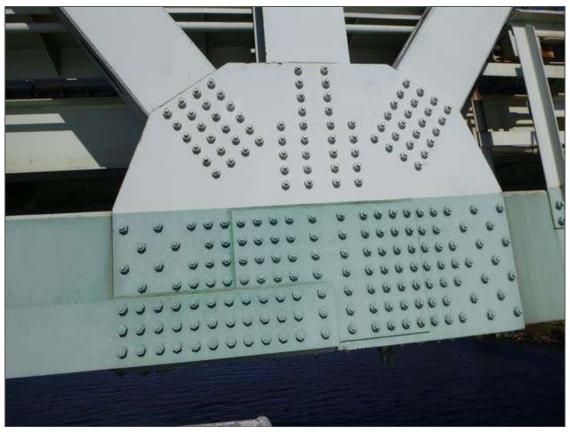
SOUTH TRUSS BEARING AT BENT 16, NORTH TRUSS BEARING SIMILAR



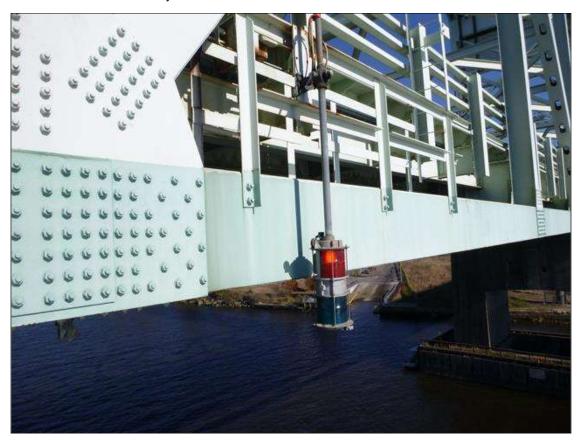
BRIDGE LOCK AT FLOORBEAM 0



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



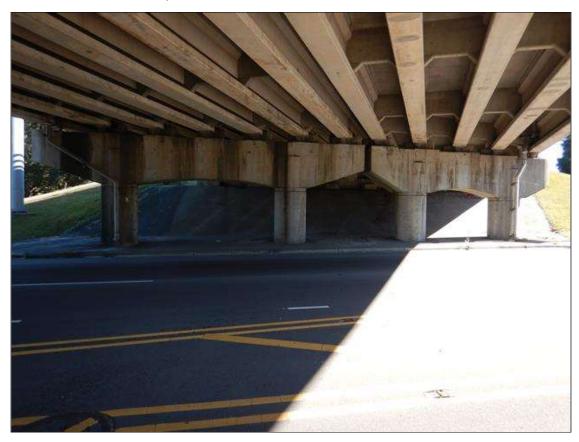
BENT 31, LOOKING EAST [BENT 30 SIMILAR]



BENT 26, LOOKING WEST



BENT 27, LOOKING WEST



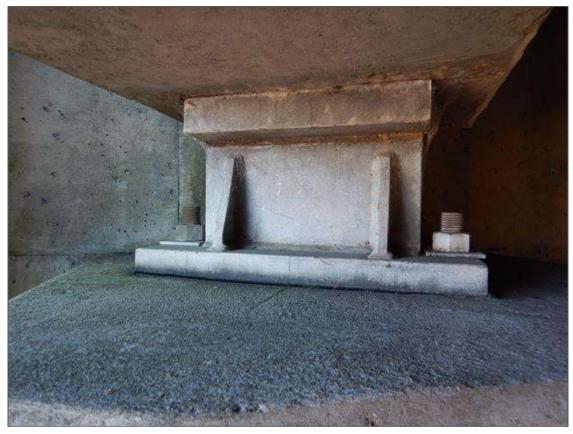
BENT 29, LOOKING WEST



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]



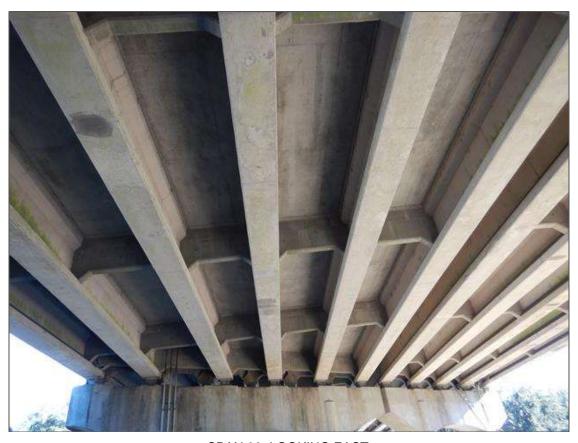
SPAN 35, LOOKING EAST [SPANS 33 AND 34 SIMILAR]



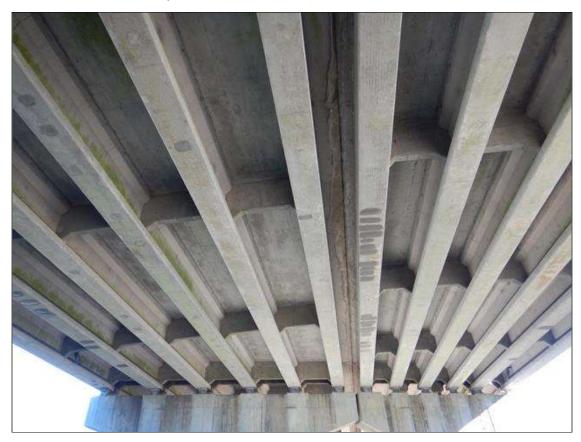
AT BENT 28, SPAN 30 GIRDER 10 FAR BEARING AND SPAN 31 GIRDER 11 NEAR BEARING [TYPICAL BEARINGS AT BENT 28, BENT 29, BENT 27, AND BENT 26 SPAN 29 SIDE]



GIRDERS 8 BEARINGS AT BENT 25 [SIMILAR AT SPAN 28 FAR BEARINGS AND SPAN 27 NEAR BEARINGS]



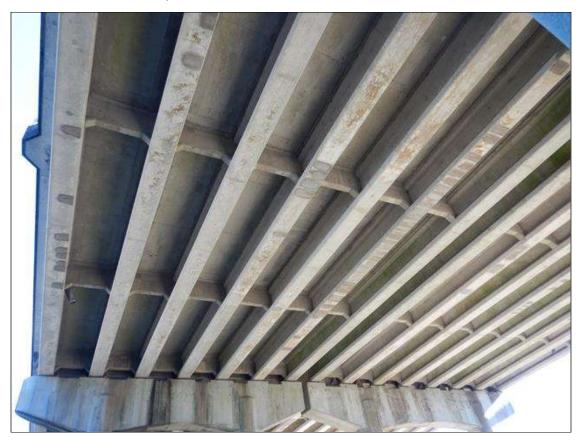
SPAN 30, LOOKING EAST



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]



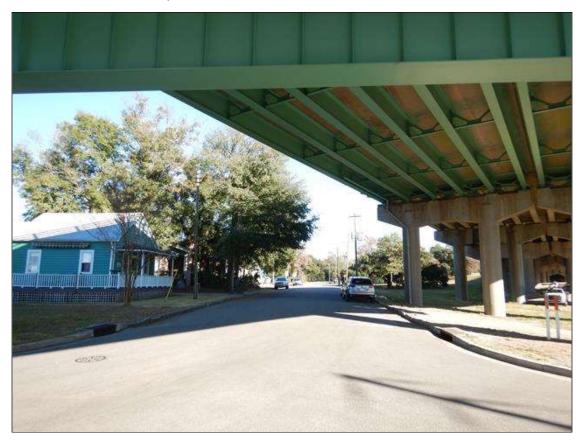
BENT 20, LOOKING WEST [BENTS 18 & 19 SIMILAR]



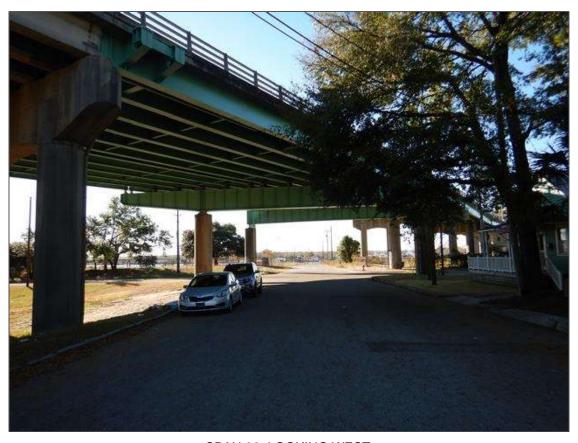
SPAN 25, LOOKING NORTH [SURRY STREET]



SPAN 25, LOOKING SOUTH [SURRY STREET]



SPAN 26, LOOKING EAST



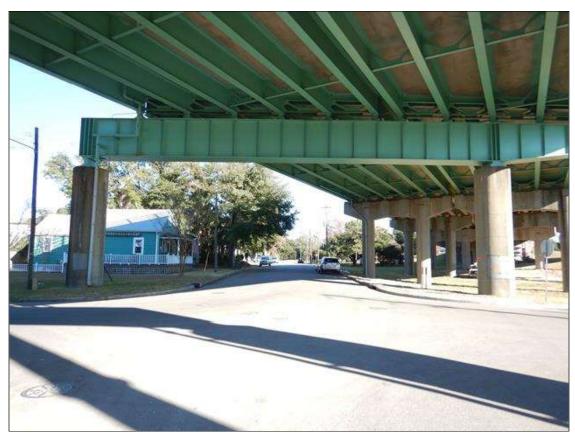
SPAN 26, LOOKING WEST



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]



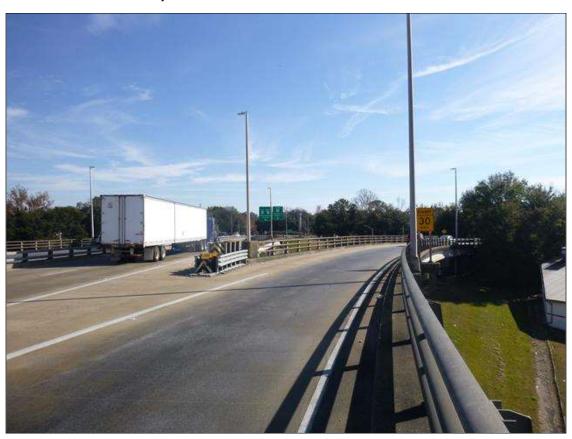
JOINT AT BENT 31 [SIMILAR AT BENT 30 & BENT 26 ON THE RAMP]



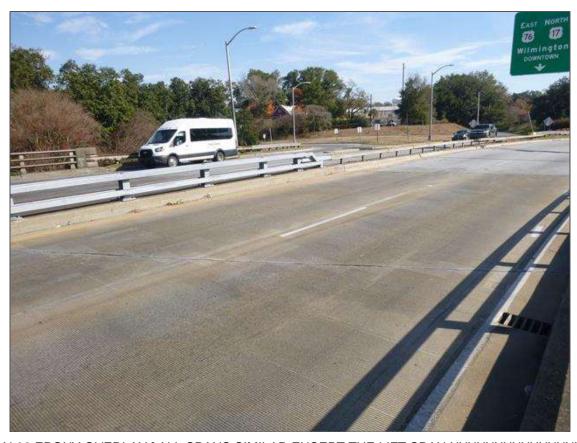
FROM THE RAMP EXIT, LOOKING WEST

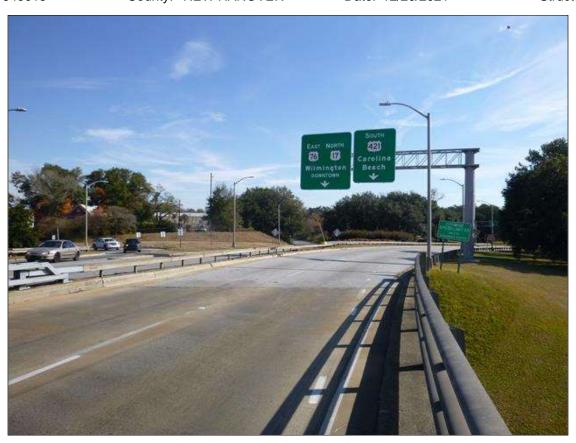


AT THE RAMP EXIT FROM THE DECK, IMPACT ATTENUATOR



RAMP APPROACH, LOOKING EAST





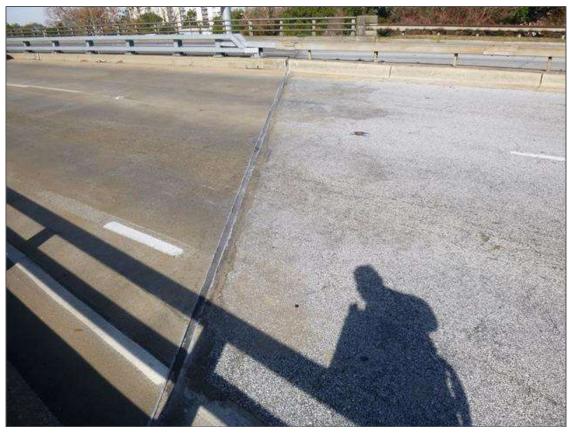
FROM ABUTMENT 2 EASTBOUND LANES, LOOKING EAST



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



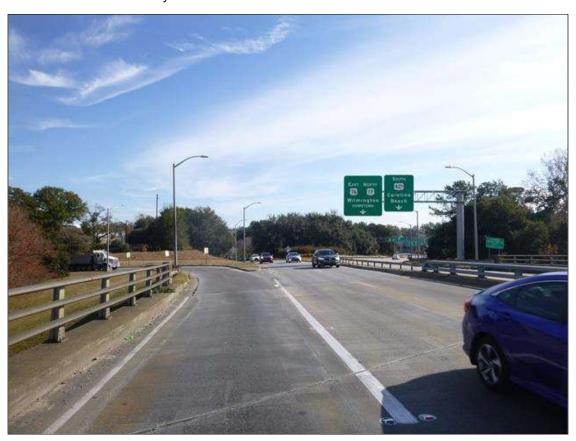
EAST APPROACH, RAMP LANE, LOOKING WEST



NORTHEAST CORNER, DATA PLATE



AT SPAN 31, LOOKING NORTH AT FRONT STREET



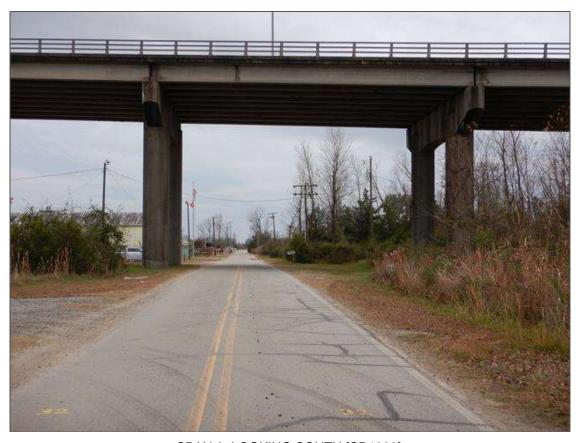
FROM ABUTMENT 2 WESTBOUND LANES, LOOKING EAST



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]



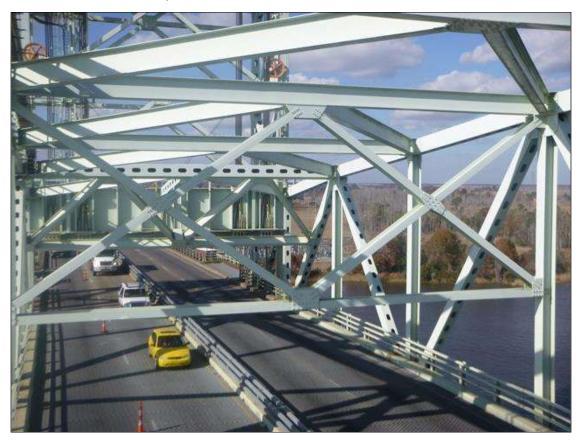
SAFETY BOAT USED



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



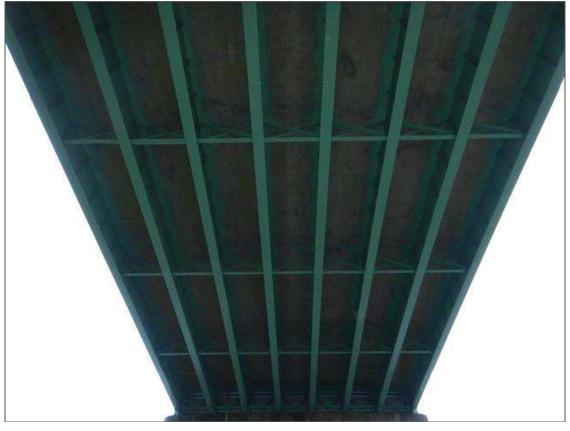
FROM THE NORTHEAST CORNER, NORTH PROFILE LOOKING SOUTH



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



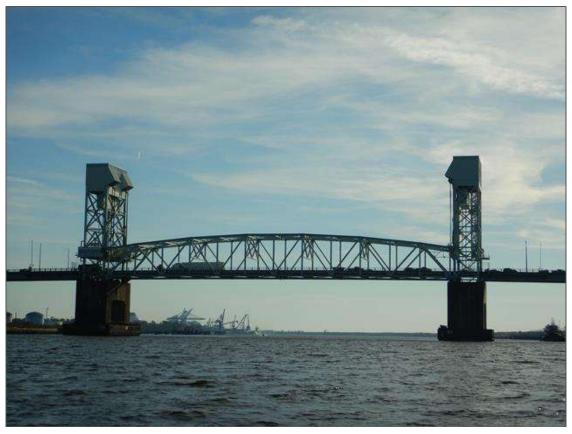
LIFT SPAN EAST PORTAL, EASTBOUND LANES



LIFT SPAN WEST PORTAL, EASTBOUND LANES



UPSTREAM PROFILE, LOOKING SOUTH



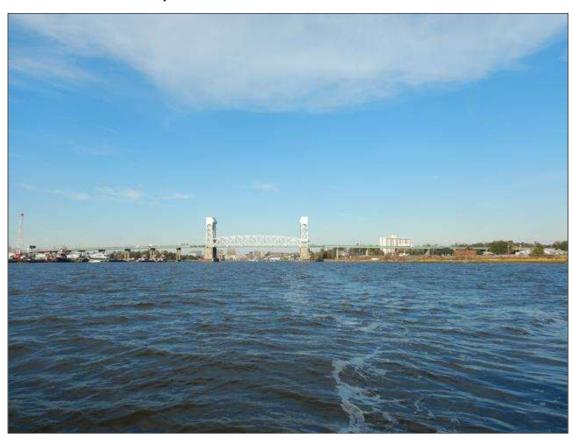
UPSTREAM AT THE LIFT SPAN, LOOKING SOUTH



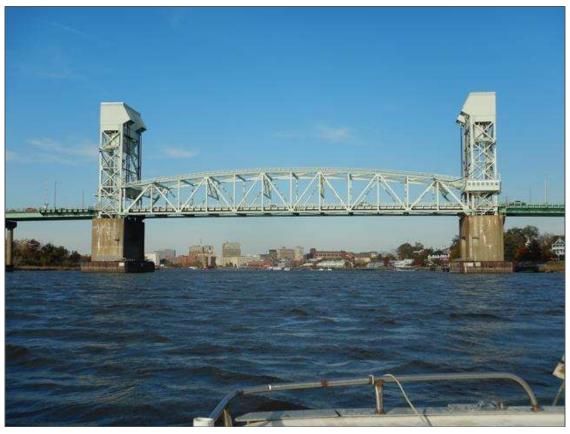
WEST TOWER PROTECTION AT THE WATERLINE, ALL SIDES [PROTECTION AT THE EAST TOWER SIMILAR]



LIFT SPAN FRAMING, LOOKING EAST



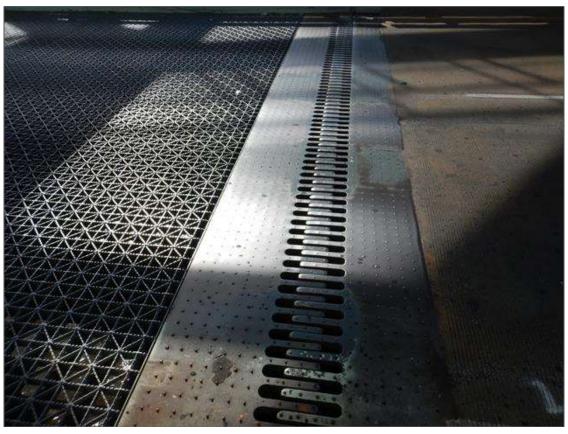
DOWNSTREAM PROFILE, LOOKING NORTH



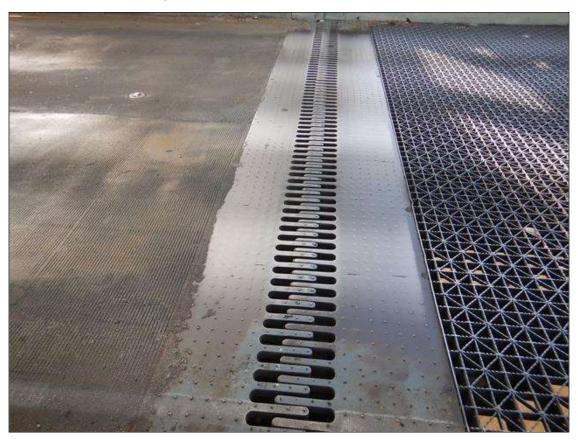
DOWNSTREAM AT THE LIFT SPAN, LOOKING NORTH



JOINT AT BENT 15



JOINT AT BEGINNING OF LIFT SPAN



JOINT AT END OF LIFT SPAN



ABUTMENT 1, LOOKING WEST



**BUCKET TRUCK USED** 



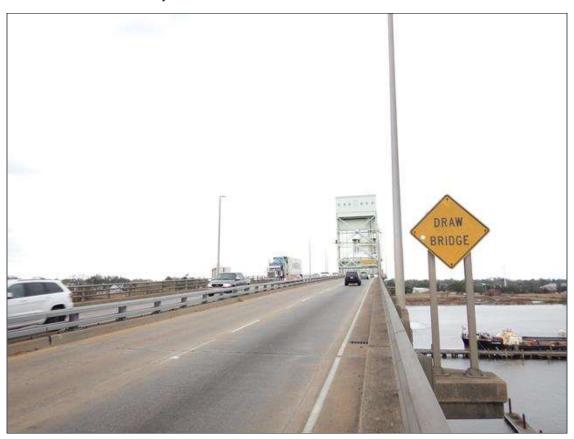
HYDRAPLATFORM USED



SPAN 25 LEFT SIDE, DRAW BRIDGE SIGN



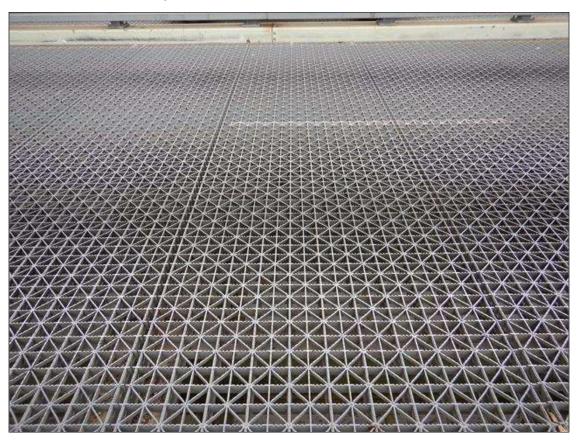
SPAN 20, A STEEL CATWALK [APPROXIMATELY 30' LONG X 50" WIDE X 46" HIGH] HANGS FROM GIRDERS 1-4 ADJACENT TO BENT 18. A SIMILAR CATWALK HANGS FROM SPAN 16 GIRDERS 5-8 ADJACENT TO BENT 15.



SPAN 11 RIGHT SIDE, DRAW BRIGE SIGN



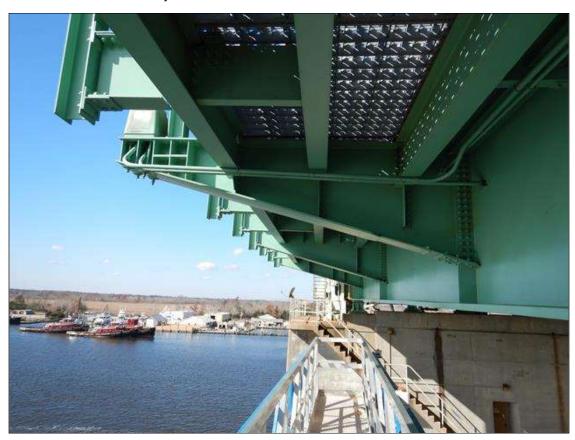
SPAN 23 LEFT SIDE, TRAFFIC SIGNAL



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: 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
<b>3120</b>	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")	

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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"	

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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	
<b>3314</b>	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 Key	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	

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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.	

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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.	



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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	
<u>3314</u>	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.	



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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)	



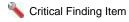
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3314	Maintain Steel Superstructure Components	LF	1	Span 17 WEST TOWER NORTH: [PROMPT ACTION REQUEST] WEST TOWER: RUST LEACHING ALONG HAIRLINE CRACK SOUTH FACE IN BRACE PLATE. ULTRASONIC INSPECTION REQUESTED.	
3314	Maintain Steel Superstructure Components	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.	

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3314	Maintain Steel Superstructure Components	LF	1	Span 18 Lift Span LB12: [PROMPT ACTION REQUEST] EASTBOUND LANE NORTWEST 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)	

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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)	
<b>3326</b>	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)	
<u>3326</u>	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"	



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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	

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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	

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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").	



Bridge: 640013 County NEW HANOVER

Maintain Steel Superstructure Components

MMS Description

MMS Code

Location:

3314

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

Quantity

LF

2

	Bent/Span No.					
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d 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	MN	/IS Descrip	otion		Quantity	
3314	Maii	ntain Stee	Superstructure Components		0 LF	
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/16/2021		ERIC A.	PATTERSON			
Details						
PARKING A	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: 640013 County NEW HANOVER

MMS Description

MMS Code

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

Quantity

3314	Mai	ntain Stee	I Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
12/16/2021		ERIC A	. PATTERSON			
Details						
bent 15 due	to pre	vious rust		n loss on end diaphragm gusset in the ection loss on 3 nuts up to 60%. area usset plate thickness		aı
MMS Code	M	MS Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		1	LF
Location:					l '	
					1	
			Bent/Span No.		<u>'</u>	
Priority Leve	el		Bent/Span No. Status			
Priority Leve	el		·			
Priority Leve		Submitte	Status  Request Awaiting Assignment	Assisted By:		
			Status  Request Awaiting Assignment	Assisted By:		
Submitted D			Status  Request Awaiting Assignment ed By:	Assisted By:		

County NEW HANOVER Bridge: 640013

THE FOLLO	WING I	<u>MAIN I ENAN</u>	ICE ITEMS HAVE BEEN SUBMITTED IN	CONJUNCTION WITH A PRIORITY MAINTI	ENANCE REQU	<u>JEST</u>	
MMS Code	MN	MMS Description					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:	d By:		
12/16/2021		ERIC A.	. PATTERSON				
Details							
			ACTION REQUEST] Brace Beam I/16") into the angle and 100% sect	1 at EB Parking Area angle at bottor ion loss on (x2) nuts	n of railing,		
MMS Code	MN	//S Descrip	otion		Quantity		
3314		Maintain Steel Superstructure Components					

MMS Code	MN	MMS Description						
3314	Mai	Maintain Steel Superstructure Components			1	LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/16/2021		ERIC A.	PATTERSON					
Details								
			ACTION REQUEST] West brace fould not be removed by hand), bol	or removed overhead sign: southeas t has no top nut holding it in place.	tern bolt is l	oose		

Bridge: 640013 County NEW HANOVER

Maintain Steel Superstructure Components

MMS Description

MMS Code

Location:

3314

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

Quantity

LF

2

			Bent/Span No.		
Priority Leve	ı		Status		
			Request Awaiting Assignment		
Submitted Da	ate:	Submitte	d By:	Assisted By:	
12/16/2021		ERIC A	. PATTERSON		
Details					
flange/plate of the bottom flange	of the ange;	brace beaup to 75%	am at the web (7" $\times$ 1 3/4") with (5/8% section loss on ( $\times$ 2) nuts on the w	B Parking Area East Face: section los") remaining; up to 100% section los reb plate; section loss in the web (8" e (8" x 3") by (1/16") into the plate (P	s on (x3) nuts on x 3") by up to
MMS Code	N / N	//S Descrip	ation		Quantity
3314			I Superstructure Components		8 LF
Location:					
			Bent/Span No.		
Priority Leve	·[		Status		
			Request Awaiting Assignment		
Submitted Da	ate:	Submitte	d By:	Assisted By:	
12/16/2021		ERIC A	. PATTERSON		
Details					
flange: active	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: 640013 County NEW HANOVER

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

MMS Code	MI	MMS Description						
3318	Mai	nt to Conc	1	LF				
Location:								
			Bent/Span No.					
Priority Level			Status					
			Request Awaiting Assignment					
Submitted D	Date:	Submitte	d By:	Assisted By:				
12/23/2021		ERIC A	. PATTERSON					
Details								
END HAS C	ORRO	OSION HO		THE PARKING AREA, THE TOP RA				
MMS Code	MI	/IS Descrip	otion		Quantit	У		
3348	Mai	ntain Cond	crete Substructure Components		10	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
			Request Awaiting Assignment					

#### **Details**

12/16/2021

Submitted Date:

Submitted By:

**ERIC A. PATTERSON** 

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'.

Assisted By:

Bridge: 640013 County NEW HANOVER

	14140 D	MMS Description Quantity					
MMS Code	MMS Description						
3120	Repair/Maintain Barriers			5	LF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed 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	MN	MMS Description			Quantity			
3306	Mai	aintain Concrete Superstructure Components			1	SF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Description				Quantity			
3306	Maintain	Maintain Concrete Superstructure Components			1	SF		
Location:	Location:							
			Bent/Span No.					
Priority Level	l		Status					
Priority Maint	tenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Sub	mitte	d By:	Assisted By:				
12/01/2021	ER	RIC A.	PATTERSON					
Details								
Span 28 Bea 1/2")	ım 1: [PRC	MPT	ACTION REQUEST] spall with exp	posed rebar on the top right flange at	t bent 25 (7"	x 3" x		

MMS Code	MN	MMS Description			Quantity	
3306	Mai	Maintain Concrete Superstructure Components			1	SF
Location:	Location:					
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	itenan	ce	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/01/2021		ERIC A.	PATTERSON			
Details						
Span 28 Bea 1/2" x 1/4")	Span 28 Beam 8: [PROMPT ACTION REQUEST] spall with exposed rebar on the top right flange at bent 25 (5" x 1					

Bridge: 640013 County NEW HANOVER

MMS Code	MMS I	MMS Description			Quantity		
3306	Maintai	Maintain Concrete Superstructure Components			1	SF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	I		Status				
Priority Main	tenance		Division Bridge Maintenance Notif	fication			
Submitted Da	ate: Su	ubmitte	d By:	Assisted By:			
12/01/2021	E	ERIC A.	PATTERSON				
Details							
ABUTMENT	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	MN	MMS Description Quantity					
3306	Mai	Maintain Concrete Superstructure Components 2 SF					
Location:							
Bent/Span No.							
Priority Leve	el		Status				
Priority Maintenance		се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/01/2021		ERIC A.	PATTERSON				
Details							
UPPER RIG	HT FL	ANGE, SI		] APPROXIMATELY 1.5' OUT FROM R [APPROXIMATELY 2' LONG X UP		= X	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Desc	iption		Quantity		
3306	Maintain Co	ncrete Superstructure Components	perstructure Components 1			
Location:						
		Bent/Span No.				
Priority Level		Status				
Priority Maintenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Submit	ed By:	Assisted By:			
12/02/2021	ERIC	A. PATTERSON				
Details						
Span 31 Bea 3" x 1/2")	m 7: [PROMF	T ACTION REQUEST] spall with ex	posed rebar on the right web at 1ft fro	om Bent 28 (	(7" x	

MMS Code	MN	MMS Description Quantity					
3306	Mair	ntain Cond	crete Superstructure Components		1	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By: Assisted By:				
12/02/2021		ERIC A.	PATTERSON				
Details							
Span 32 Bea 29 (4" x 1 1/2			T ACTION REQUEST] spall with e	xposed rebar on the top right flange a	at 3ft from Be	ent	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descr	iption		Quantity		
3306	Maintain Cor	crete Superstructure Components	uperstructure Components 2			
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Maintenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Submitt	ed By:	Assisted By:			
12/02/2021	ERIC /	A. PATTERSON				
Details						
	amp Span Bea ent (13" x 1" x		] spall with exposed steel on the top	left flange at	the	

MMS Code	MN	MS Description Quantity						
3306	Mai	ntain Cond	crete Superstructure Components		2	SF		
Location:	cation:							
Bent/Span No.								
Priority Leve	el		Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/16/2021		ERIC A.	PATTERSON					
Details								
Span 2 Bear up to (6" x 2		PROMPT A	ACTION REQUEST] 14" section of	2 areas of exposed rebar in the botto	om face at b	ent 2		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS	S Descrip	otion		Quantity		
3306	Maint	ain Cond	crete Superstructure Components		1	SF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Maintenance		е	Division Bridge Maintenance Notification				
Submitted D	ate: S	Submitted By:		Assisted By:			
12/16/2021		ERIC A.	PATTERSON				
Details							
			ACTION REQUEST] GIRDER END XIMATELY 8" X 10" X UP TO 1" D	AT BENT 3, LOWER SIDE, SPALL EEP]	NG WITH		

MMS Code	MMS D	MMS Description Quantity						
3314	Maintain	n Steel	Superstructure Components	rstructure Components 1 L				
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted Da	te: Sub	Submitted By:		Assisted By:				
12/01/2021	ER	RIC A.	PATTERSON					
Details								
			: BETWEEN FB's 7-8 - (2) CRACK NECTION - PROMPT ACTION RE	(S PROPAGATED 3/16" PAST ARR QUEST	EST HOLE	AT		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descrip	otion		Quantity	
3314	Maintain Stee	Superstructure Components		1	LF
Location:					
		Bent/Span No.			
Priority Level	I	Status			
Priority Maint	tenance	Division Bridge Maintenance Notification			
Submitted Da	ate: Submitte	d By:	Assisted By:		
12/01/2021	ERIC A	. PATTERSON			
Details					
		11: BETWEEN FB's 4-5 - CRACK F TION - PROMPT ACTION REQUE	PROPAGATED 3/16" PAST ARREST ST	THOLE AT	ГОР

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	Superstructure Components	perstructure Components 1 LF				
Location:	on:							
			Bent/Span No.					
Priority Leve	ority Level Status							
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/01/2021		ERIC A	. PATTERSON					
Details								
PROPAGAT	ΓΕĎ C ΓΕD U	RACK STI	LL VISIBLE. PAR ISSUED. 2018	REA HAS BEEN PAINTED OVER, NO REPORT HAD BETWEEN FB's 3-4 - IT HOLES AT TOP OF DIAPHRAGM	CRACKS			

Bridge: 640013 County NEW HANOVER

MMS Code	MMS [	Descrip	otion		Quantity			
3314	Maintai	tain Steel Superstructure Components			0	LF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	I		Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted Da	ate: Su	ubmitte	d By:	Assisted By:				
12/01/2021	E	ERIC A.	PATTERSON					
Details								
Span 18 Lift COPING AT				RACK EXTENDING 3" PAST ARRES	TING HOLE	E IN		

MMS Code	MN	MMS Description					
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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.					OF		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS De	escrip	otion		Quantity			
3314	Maintain	Steel Superstructure Components			1	LF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	I		Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted Da	ate: Subi	mitte	d By:	Assisted By:				
12/01/2021	ER	IC A	PATTERSON					
Details								
Span 18 Lift HEADS ON				RD DIAPHRAGM LOOSE BOLTS W	ITH MISSIN	IG		

MMS Code	MN	MMS Description				Quantity	
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/01/2021		ERIC A.	PATTERSON				
Details							
Span 18 Lif CORROSIO				ERMEDIATE DIAPHRAGM CONNEC	CTOR PLAT	Ë	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	Maintain Steel Superstructure Components			LF	
Location:						
		Bent/Span No.				
Priority Leve	ı	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/01/2021	ERIC A	. PATTERSON				
Details						
		11: (PAR) BETWEEN FB's 10-11 - REST HOLES AT TOP OF DIAPHR	TOTAL OF (5) 1/16" TO 1/8" CRAC AGM CONNECTION	KS		

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	PATTERSON				
Details							
BOTTOM FI	_ANG	E WIDE/ (3	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: 640013 County NEW HANOVER

MMS Code	MM	MMS Description			Quantity		
3314	Main	intain Steel Superstructure Components			1	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve			Status				
Priority Main	itenand	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	PATTERSON				
Details							
PITTED ARI	EA AT	BOTTOM		VERTICAL STIFFENER 11 EAST S R HOLE AT WEB - 1/16" TO 1/8" RE		Н	

MMS Code	MN	MMS Description Qu					
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	PATTERSON				
Details							
FLANGE WI	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: 640013 County NEW HANOVER

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	l Superstructure Components		1	LF	
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/02/2021	ERIC A	. PATTERSON				
Details						
FLOOR BEA	M UP TO 3"HI		WEST - PITTED AREA AT BOTTON LE AT WEB - 1/16" TO 1/8" REMAIN Γ ACTION REQUEST			

MMS Code	MN	MMS Description			Quantity	
3314	Mai	Maintain Steel Superstructure Components			1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/02/2021		ERIC A.	. PATTERSON			
Details						
Span 18 Lif PROMPT A				OM FLANGE BETWEEN STRINGEF	RS 4 & 5 -	

Bridge: 640013 County NEW HANOVER

MMS Code	MN	/IMS Description			Quantity		
3314	Mair	ntain Stee	tain Steel Superstructure Components			LF	
Location:							
			Bent/Span No.				
Priority Leve	·		Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	. PATTERSON				
Details							
Span 18 Lift ISSUED.	t Span	Stringer 8	3: LONGITUDINAL CRACK, 1/2" L	ONG IN THE TOP OF THE WEB AT	FB 12, PAR		

MMS Code	MMS Description			Quantity	
3314	Maintain Ste	el Superstructure Components		1	LF
Location:					
		Bent/Span No.			
Priority Level		Status			
Priority Mainte	enance	Division Bridge Maintenance Notification			
Submitted Da	te: Submit	ed By:	Assisted By:		
12/02/2021	ERIC	A. PATTERSON			
Details					
		8: BETWEEN FB's 11-12 - CRACK NNECTION – PROMPT ACTION RI	PROPAGATED 1/4" PAST EAST AI	RREST HOL	E AT

Bridge: 640013 County NEW HANOVER

MMS Code	MMS De	scrip	otion		Quantity		
3314	Maintain	ain Steel Superstructure Components 1 LF					
Location:	Location:						
			Bent/Span No.				
Priority Leve	l		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Subi	nitte	d By:	Assisted By:			
12/02/2021	ER	C A.	. PATTERSON				
Details							
Span 18 Lift ISSUED.	Span 18 Lift Span Stringer 9: LONGITUDINAL CRACK, 5" LONG IN THE TOP OF THE WEB AT FB 12, PAR						

MMS Code	MN	MMS Description				Quantity	
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	. PATTERSON				
Details							
10 - LOWEF	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: 640013 County NEW HANOVER

MMS Code	MMS	Descrip	tion		Quantity			
3314	Maintai	in Steel	Superstructure Components		1	LF		
Location:								
	Bent/Span No.							
Priority Leve	el		Status					
Priority Main	itenance		Division Bridge Maintenance Notification					
Submitted D	ate: Su	ubmitted	d By:	Assisted By:				
12/02/2021	E	ERIC A.	PATTERSON					
Details								
	BOLTS			MOVEMENT UNDER LIVE LOAD A E SECURE BUT NOT FULLY TIGHTE				

MMS Code	MN	MMS Description			Quantity	
3314	Mai	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Descrip	otion		Quantity	Quantity	
3314	Maintain Stee	Maintain Steel Superstructure Components			LF	
Location:	Location:					
	Bent/Span No.					
Priority Level		Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
12/02/2021	ERIC A	. PATTERSON				
Details						
	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	MN	MMS Description					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/02/2021		ERIC A.	. PATTERSON				
Details							
Span 18 Liff ISSUED.	Span 18 Lift Span Stringer 12: LONGITUDINAL CRACK, 2.5" LONG IN THE TOP OF THE WEB AT FB 12, PAR					R	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Des	cription			Quantity	Quantity	
3314	Maintain S	nintain Steel Superstructure Components			1	LF	
Location:							
Bent/Span No.							
Priority Leve	I	Status					
Priority Maintenance		Division Bridge	Division Bridge Maintenance Notification				
Submitted Da	ate: Subm	itted By:		Assisted By:			
12/02/2021	ERI	A PATTERSON					
Details	_						
	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	MN	MMS Description					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	el Superstructure Components		17	LF	
Location:						
	Bent/Span No.					
Priority Leve	ı	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
	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	MN	MMS Description				Quantity	
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A.	PATTERSON				
Details							
LONG X 3.2	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						

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descrip	otion		Quantity		
3314	Maintain Stee	Superstructure Components		1	LF	
Location:						
	Bent/Span No.					
Priority Level	ĺ	Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
	Details  Span 18 Lift Span Stringer 2: ONE BOLT MISSING ON EACH SIDE OF THE STRINGER CONNECTION TO FB 1, PAR ISSUED.					

MMS Code	MN	MMS Description Quantity					
		·					
3314	Mai	ntain Steel	Superstructure Components		34	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS	MMS Description			Quantity			
3314	Maintai	ntain Steel Superstructure Components			1	LF		
Location:								
	Bent/Span No.							
Priority Leve	ıl		Status					
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted D	ate: Su	ubmitte	d By:	Assisted By:				
12/07/2021	E	ERIC A.	PATTERSON					
Details								
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	MN	MMS Description Quantity				
3314	Mair	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	I		Status			
Priority Main	tenan	се	Division Bridge Maintenance Notification			
Submitted Da	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MM	MMS Description			Quantity	Quantity	
3314	Main	Maintain Steel Superstructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	·		Status				
Priority Main	tenanc	е	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A.	. PATTERSON				
Details							
Span 18 Lift CONNECTION				IAS SHEARED AT SOUTH SIDE OF	STRINGER	<b>\</b>	

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Main	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Des	cription			Quantity			
3314	Maintain S	teel Superstructure Components	Superstructure Components			LF		
Location:	Location:							
Bent/Span No.								
Priority Leve	I	Status						
Priority Maintenance		Division Bridge Maintenance N	lotification					
Submitted Da	ate: Subm	itted By:	Assisted By:					
12/07/2021	ERIC	A. PATTERSON						
Details								
		er 4: BETWEEN FB 6-7, CONNEC ), PAR ISSUED.	TION TO FB 7, TOP BO	LT AT NORTH	SIDE OF			

		10.5			0 "		
MMS Code	MIN	/IS Descrip	otion		Quantity		
3314	Mai	ntain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A.	PATTERSON				
Details							
			4: BETWEEN FB's 7-8 - CRACK PI N - PROMPT ACTION REQUEST	ROPAGATED 1/4" PAST ARREST H	OLE AT TO	P OF	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	otion		Quantity	Quantity		
3314	Maintain Stee	aintain Steel Superstructure Components			LF		
Location:	Location:						
Bent/Span No.							
Priority Level	I	Status					
Priority Maint	tenance	Division Bridge Maintenance Noti	Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
12/07/2021	ERIC A	. PATTERSON					
Details							
		4: BETWEEN FB 7-8, TOP (2) BOL TO FB. 8, PAR ISSUED.	TS HAVE SHEARED AT NORTH SI	DE OF			

MMS Code	MN	MMS Description Quanti					
3314	Maii	ntain Stee	tain Steel Superstructure Components 1 LF				
Location:							
			Bent/Span No.				
Priority Leve	ŀ		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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				WEB			

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	escription			Quantity	
3314	Maintain Stee	Steel Superstructure Components			LF	
Location:						
Bent/Span No.						
Priority Level		Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
		ST] Span 18 Lift Span Stringer 5: PHRAGM CONNECTION	BETWEEN FB's 5-6 - 1" LONG CRA	CK IN WEB		

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A.	PATTERSON				
Details							
			5: BETWEEN FB's 9-10 - CRACK F N – PROMPT ACTION REQUEST	PROPAGATED 1/2" PAST ARREST	HOLE AT TO	OP OF	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	otion		Quantity		
3314	Maintain Stee	ntain Steel Superstructure Components			LF	
Location:	Location:					
		Bent/Span No.				
Priority Level		Status				
Priority Maint	enance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
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	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A	. PATTERSON				
Details							
			7: OBSERVED IN 2020 INSP: BET SIDE AT TOP OF DIAPHRAGM CC	WEEN FB's 4-5 - CRACK PROPAGA ONNECTION - PAR ISSUED.	ATED 1/4" F	AST	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	MMS Description			
3314	Maintain Stee	aintain Steel Superstructure Components			LF
Location:	Location:				
		Bent/Span No.			
Priority Leve	I	Status			
Priority Maintenance		Division Bridge Maintenance Noti	fication		
Submitted Da	ate: Submitte	ed By:	Assisted By:		
12/07/2021	ERIC A	. PATTERSON			
Details					
		7: BETWEEN FB's 5-6 - 1" CRACK DE - PROMPT ACTION REQUEST	IN WEB ACROSS TOP OF WELD A	AT DIAPHRA	√GM

MMS Code	MMS Description Qual						
3314	Maintain St	Maintain Steel Superstructure Components 1 LF					
Location:							
		Bent/Span No.					
Priority Level		Status					
Priority Mainte	enance	Division Bridge Maintenance Not	ification				
Submitted Da	te: Submi	ted By:	Assisted By:				
12/07/2021	ERIC	A. PATTERSON					
Details							
		r 7: OBSERVED IN 2020 INSP: BET HOLE, PAR ISSUED.	TWEEN FB's 6-7 - (1) CRACK PROPA	AGATED UF	P TO		

Bridge: 640013 County NEW HANOVER

MMS Code	MM	MMS Description						
3314	Main	tain Steel	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Leve	·I		Status					
Priority Main	tenanc	e	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/07/2021		ERIC A.	PATTERSON					
Details								
Span 20 Bea	am 8: b	orace bear	m 3 at east bound parking lot, miss	ing attachment bolt at stringer 1, par	issued.			

MMS Code	MN	MMS Description					
3314	Mai	ntain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	Priority Maintenance		Division Bridge Maintenance Noti	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A	PATTERSON				
Details							
				AT L10 NORTH- 1" WIDE X 4" LOI WITH 1/4" REMAINING, PAR ISSUE		N	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS D	MMS Description			Quantity		
3314	Maintain	Stee	eel Superstructure Components 1			LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	I		Status				
Priority Maintenance			Division Bridge Maintenance Noti	fication			
Submitted Da	ate: Sub	omitte	d By:	Assisted By:			
12/07/2021	ER	RIC A.	PATTERSON				
Details							
PITTED ARE	EA UP TO	1/4"D		P: BOTTOM OF CHORD AT L10 - 4" G SECTION) WIDE/ 1-1/2"LONG x 3 E OF HOLE, PAR ISSUED.			

MMS Code	MN	MMS Description Quantity						
3314	Mai	Maintain Steel Superstructure Components 5				LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Main	ntenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/07/2021		ERIC A	. PATTERSON					
Details								
1/4"DEEP S	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: 640013 County NEW HANOVER

MMS Code	MMS Descr	ption		Quantity			
3314	Maintain Stee	Superstructure Components 2 LF					
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
12/07/2021	ERIC A	. PATTERSON					
Details							
			P: 2"WIDE SECTION AROUND BOT FEDGE - ACTIVE CORROSION PRI				

MMS Code	MN	//S Description Quantity						
3314	Mai	ntain Steel	Steel Superstructure Components 1			LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Maintenance		ce	Division Bridge Maintenance Noti	ication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
12/07/2021		ERIC A.	PATTERSON					
Details								
Span 18 Lif WITH HOLE			TH: (PROMPT ACTION REQUEST	) BOTTOM PLATE AT ACCESS HO	LE CORRO	SION		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	MMS Description					
3314	Maintain Stee	el Superstructure Components	Superstructure Components 1				
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
12/07/2021	ERIC A	. PATTERSON					
Details							
	CTION REQUE ISSING (1) BC		: EAST SIDE TOP CONNECTION TO	C LATERAL			

MMS Code	MN	MMS Description Quantity					
3314	Maiı	ntain Stee	Superstructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Leve	ŀ		Status				
Priority Main	Priority Maintenance		Division Bridge Maintenance Noti	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A.	PATTERSON				
Details							
Span 18 Lift AT BEARING			nel 2 - L12U12 SOUTH: 2 MISSING	G BOLTS AT THE BOTTOM OF THE	WEST GU	SSET	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	MMS Description				
3314	Maintain Stee	aintain Steel Superstructure Components			LF	
Location:	Location:					
		Bent/Span No.				
Priority Level	I	Status				
Priority Maintenance		Division Bridge Maintenance Noti	fication	NG ALONG		
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/13/2021	ERIC A	. PATTERSON				
Details						
			ST] WEST TOWER: RUST LEACHIN SONIC INSPECTION REQUESTED.			

MMS Code	MN	MMS Description Quantity					
3314	Mai	Maintain Steel Superstructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	Priority Maintenance		Division Bridge Maintenance Noti	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/13/2021		ERIC A.	PATTERSON				
Details							
Span 18 Lif WITH CORF				WHEEL GUIDE WEST PLATE 3 MI	SSING BOL	_TS	

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descr	ption		Quantity			
3314	Maintain Stee	el Superstructure Components		0	LF		
Location:	Location:						
	Bent/Span No.						
Priority Leve	I	Status	Status				
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
12/13/2021	ERIC A	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.							

		AMAD D. 1.6					
MMS Code	MN	MMS Description				Quantity	
3314	Mai	ntain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Desc	ription		Quantity			
3314	Maintain St	aintain Steel Superstructure Components			LF		
Location:							
	Bent/Span No.						
Priority Leve	I	Status	Status				
Priority Maintenance		Division Bridge Maintenance Notification					
Submitted Da	ate: Submi	ted 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)					'ACK		

MMS Code	MN	MMS Description				Quantity	
3314	Mai	Maintain Steel Superstructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS De	scrip	otion		Quantity	
3314	Maintain S	nintain Steel Superstructure Components			1	LF
Location:	Location:					
Bent/Span No.						
Priority Level			Status			
Priority Maintenance			Division Bridge Maintenance Notification			
Submitted Da	ate: Subr	nitte	d By:	Assisted By:		
12/13/2021	ERI	C A.	. PATTERSON			
Details						
Span 18 Lift BEARING (F		s Pa	nel 2 - L0U0 SOUTH: (2) MISSING	BOLTS AT BOTTOM OF EAST GU	SSET AT	

MMS Code	MN	MMS Description					
3314	Mai	uintain Steel Superstructure Components			3	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS D	escrip	otion		Quantity	
3314	Maintain	Naintain Steel Superstructure Components			0	LF
Location:	Location:					
Bent/Span No.						
Priority Level			Status			
Priority Maintenance			Division Bridge Maintenance Notification			
Submitted Da	ate: Sub	bmitte	d By:	Assisted By:		
12/13/2021	EF	RIC 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.					<b>?</b>	

MMS Code	MM	MMS Description Quantity				
3314	Main	Maintain Steel Superstructure Components 1				LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mainte	enand	ce	Division Bridge Maintenance Notification			
Submitted Da	ite:	Submitte	d By:	Assisted By:		
12/13/2021		ERIC A.	. PATTERSON			
Details						
				TBOUND LANE NORTWEST CABLE N BOTH FLANGES ALONG BOTTO		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS [	Descrip	tion		Quantity		
3314	Maintai	n Steel	Superstructure Components		1	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted D	ate: Su	ubmitted	d By:	Assisted By:			
12/13/2021	E	RIC A.	PATTERSON				
Details							
NORTHWES	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	MN	MMS Description			Quantity		
3314	Mai	ntain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
12/13/2021		ERIC A.	PATTERSON				
Details							
NORTHWE	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: 640013 County NEW HANOVER

MMS Code	MMS Descri	otion		Quantity		
3314	Maintain Stee	Maintain Steel Superstructure Components			LF	
Location:						
	Bent/Span No.					
Priority Level		Status				
Priority Maintenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed 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	MN	MMS Description				Quantity	
3314	Mai	Maintain Steel Superstructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MN	MS Description Quantity				
3314	Maii	intain Steel Superstructure Components 0				LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/13/2021		ERIC A.	. PATTERSON			
Details						
DEFORMAT CONTINUIN	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)					
MMC Codo	2.42	AC December			Ougatitus	

MMS Code	MN	MMS Description Quantity				
3314	Maii	Maintain Steel Superstructure Components				LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	itenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/13/2021		ERIC A.	. PATTERSON			
Details						
				BOTTOM WEST HORIZONTAL TR - LOCATED 11'-3" FROM NORTHW		

Bridge: 640013 County NEW HANOVER

MMS Code	MMS	MMS Description				
3314	Maint	Maintain Steel Superstructure Components			0	LF
Location:						
			Bent/Span No.			
Priority Leve	el .		Status			
Priority Main	itenanc	е	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/13/2021		ERIC A.	PATTERSON			
Details						
DIAGONAL	CONNE	ECTION (		BOTTOM WEST HORIZONTAL TR HIGH SECTION AT BOTTOM SOUT HWEST TOWER LEG (PAR)		

MMS Code	MN	MMS Description Quantity					
3314	Mai	aintain Steel Superstructure Components			4	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

MMS Code	MMS Descri	MMS Description				
3326	Maintain Con	Maintain Concrete Deck				
Location:						
		Bent/Span No.				
Priority Leve	I	Status	Status			
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
			AT BENT 4, TWO SPALLS (18" LON x 3" DEEP AT 2' FROM CENTERLII		Σx	

MMS Code	MN	MMS Description Quantity				
3326	Mai	Maintain Concrete Deck 2				
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	itenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
12/07/2021		ERIC A.	PATTERSON			
Details						
Span 7 Deck AT 10' FROI				AT BENT 6, SPALL (24" LONG x 4" V	VIDE x 1.5"	DEEP

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Descri	MMS Description				
3326	Maintain Con	Maintain Concrete Deck				
Location:						
		Bent/Span No.				
Priority Level	I	Status	Status			
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
12/07/2021	ERIC A	. PATTERSON				
Details						
	:: [PROMPT AC RIGHT CURB)		AT BENT 7, SPALL (36" LONG x 3" \	VIDE x 1.5"	DEEP	

					Quantity	
MMS Code	MN	MMS Description				
3326	Mai	ntain Cond	crete Deck		4	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d 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: 640013 County NEW HANOVER

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

THE TOLLO	, , , , , , , , , , , , , , , , , , ,	1VI) (11 <b>4</b> 1 <b>L</b> 1 <b>4</b> ) (1	VOE TEMOTIVE BEEN GOBINITTED IN	CONCORCION WITH A PROMITE IN MINING	LIW WOL IVE	XOLO1	
MMS Code	MN	MMS Description					
3326	Mai	Maintain Concrete Deck					
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication			
Submitted D	Date:	Submitte	d By:	Assisted By:			
12/07/2021		ERIC A	. PATTERSON				
Details							
Span 22 De AT 8' FROM				AT BENT 20, SPALL (30" LONG x 3	i" WIDE x 4	" DEEP	
MMS Code	MN	MS Descrip	otion		Quantity		
3334	Brid	Bridge Bearings			1	EA	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				

Details

12/07/2021

Submitted Date:

Submitted By:

**ERIC A. PATTERSON** 

Span 22 Beam 1 - Beam 1 Near Bearing: [PROMPT ACTION REQUEST] LEFT ANCHOR BOLT LIFTED 1/2"

Assisted By:

Bridge: 640013 County NEW HANOVER

MMS Code	MMS Desc	iption		Quantity		
3334	Bridge Bear	Bridge Bearings				
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted D	ate: Submit	ed By:	Assisted By:			
12/07/2021	ERIC	A. PATTERSON				
Details						
Span 22 Bea	am 3 - Beam 3	Near Bearing: [PROMPT ACTION F	REQUEST] RIGHT ANCHOR BOLT L	IFTED 3/4"		

MMS Code	MN	MMS Description Q				
3306	Mai	Maintain Concrete Superstructure Components			1	SF
Location:						
			Bent/Span No.			
Priority Leve	I		Status			
Recommend	led		Routine Maintenance			
Submitted Da	ate:	Submitte	d By: Assisted By:			
12/16/2021		ERIC A.	PATTERSON			
Details						
Span 3 Bear at bent 3	n 5: [F	PROMPT /	ACTION REQUEST] (6" x 2" x 1/4")	spall with exposed rebar in the botto	om right chai	mfer

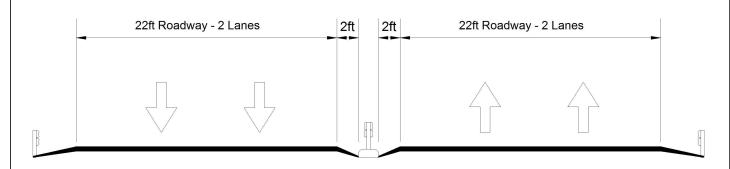
#### BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 640013 County NEW HANOVER

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

MMS Code	MN	//S Descrip		Quantity			
3306	Maii	ntain Cond	ete Superstructure Components 2 SF				
Location:							
	Bent/Span No.						
Priority Leve	Priority Level Status						
Recommended Routine Maintenance							
Submitted D	ate:	Submitte	d 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							

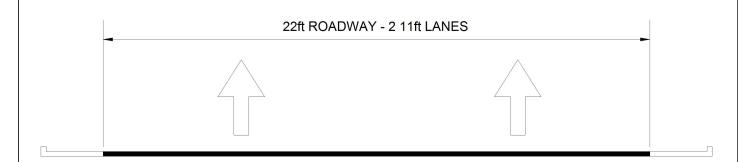
MMS Code	MN	MMS Description Quantity					
3306	Mai	ntain Cond	crete Superstructure Components	ete Superstructure Components 2 SF			
Location:							
			Bent/Span No.				
Priority Level Status							
Recommended			Routine Maintenance				
Submitted Date: Submitted By: Assisted By:			Assisted By:				
12/16/2021		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").							



#### 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			
	F	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				

Title			Description		
APPROACH ROADWAY - WEST		TYPICAL SECTION			
Bridge No: 640013	Drawn By: BC		Date: 05/19/2008	File Name: \$0038000312	



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.

	Title			Description		
APPROACH ROADWAY - US17N/US76E/US421S		TYPICAL SECTION				
	Bridge No: 640013	Drawn By: JHD		Date: 2/8/2018	File Name: S0374000368	



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		

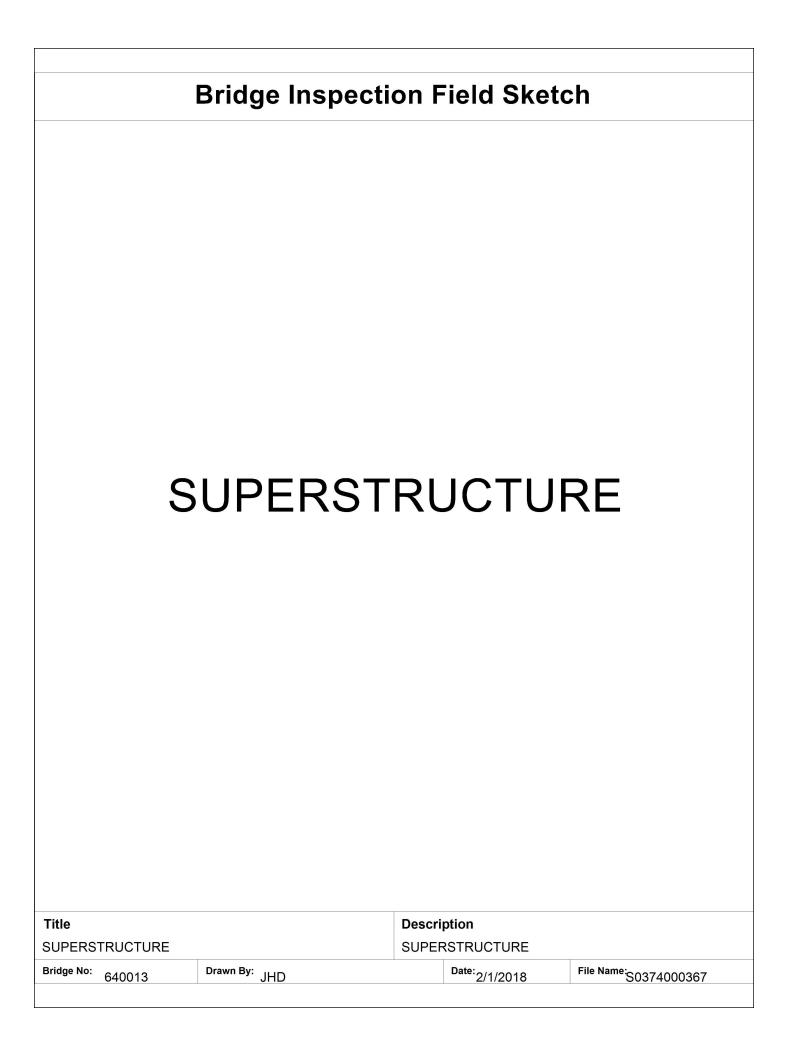
MEASUREMENTS TAKEN 25' EAST OF THE RAMP END BENT

Title		Descri	ption	
APPROACH - FRONT STREET SOUTH RAMP		TYPICAL SECTION		
Bridge No: 640013	Drawn By: BC		Date: 07/03/2006	File Name: \$0042001563

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			Description		
APPROACH - FRONT STREET NORTH RAMP			TYPICAL SECTION		
Bridge No: 640013	Drawn By: ERIC A. PATTERSON		Date: 12/20/2021	File Name: S0446000511	



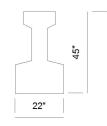
Deck Width/Out to Out 61.50ft Between Rails				59.0ft		
Clear Roadway	56.0ft	Wearii	Wearing Surface			
Median Width	2.0ft	Median Height				2.333ft
Curb Height			0.833ft	Right	0.83	33ft
Sidewalk Width			1.5ft	Right	1.5f	t
Clear Roadway (Rail to Median	)	Left	27.0ft	Right	27.0	Oft
Guardrail Width			1.25ft	Right	1.25	5ft
Top of Rail to Deck/Wearing Surface			4.083ft	Right	4.08	33ft
Bridge Rail			Type 3	Right	Тур	e 3

TWO WESTBOUND THRU LANES TWO EASTBOUND THRU LANES

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	Description
SUPERSTRUCTURE - 1	SPANS 1 - 11 TYPICAL SECTION

Drawn By: BC Bridge No: 640013 File Name: \$0038000309 Date: 05/19/2008

Deck Width/Out to Out	61.50ft	Betwe	en Rails		59.0ft
Clear Roadway	56.0ft		ng Surface		
Median Width	2.0ft		n Height		2.333ft
Curb Height		Left	0.833ft	Right	0.833ft
Sidewalk Width		Left	1.5ft	Right	1.5ft
Clear Roadway (Rail to Med	Clear Roadway (Rail to Median)		27.0ft	Right	27.0ft
Guardrail Width		Left	1.25ft	Right	1.25ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft	Right	4.083ft
Bridge Rail		Left	Type 3	Right	Type 3
TWO WESTBOUND THE	RU LANES	<u> </u>	NO EASTE	BOUND T	HRU LANES

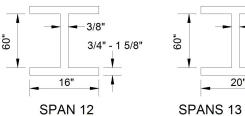
Measurements for Spans	12 thru 1	6 and 20 thru 22	
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	9 833*	Right Overhang	2 75

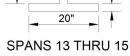
Beam Number	Beam Type	Spacing	Comments
1	Steel Buildup Beam	8.0ft	
2	Steel Buildup Beam	8.0ft	
SECTION	Steel Buildup Beam	8.0ft	
4	Steel Buildup Beam	8.0ft	
5	Steel Buildup Beam	8.0ft	
6	Steel Buildup Beam	8.0ft	
7	Steel Buildup Beam	8.0ft	
8	Steel Buildup Beam		

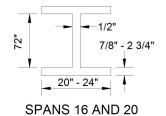
<sup>\*</sup>Measurement recorded in Spans 12 thru 15.

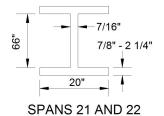
Top of Rail to Bottom of Beam in Spans 16 and 20 = 10.92ft; Spans 21 and 22 = 10.42ft

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 PR	OCTOR C	JNI 30-DEC	_2021

Title	Description
SUPERSTRUCTURE - 2	SPANS 12 - 16 & 20 - 22 TYPICAL SECTION

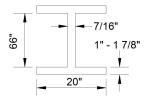
Drawn By: RL BOWERS File Name: S0042061394 Date: 2/6/2014 Bridge No: 640013

Deck Width/Out to Out 67.50ft		Betwe	Between Rails			65.0ft
Clear Roadway	62.0ft	Wearin	ng Surface			
Median Width	2.0ft	Media	n Height		2	2.333ft
Curb Height		Left	0.833ft	Right	0.833	3ft
Sidewalk Width		Left	1.5ft	Right	1.5ft	
Clear Roadway (Rail to Media	n)	Left	30.0ft	Right	30.0f	t
Guardrail Width		Left	1.25ft	Right	1.25f	t
Top of Rail to Deck/Wearing S	urface	Left	4.083ft	Right	4.083	3ft
Bridge Rail		Left	Type 3	Right	Туре	3
2 WB THRU LANES AND TAPERING ME	RGE LANE	2 EB	THRU LANES AI	ND TAPERIN	NG RAM	IP LANE
Measurements for Span	23					
Deck Thickness	0.667	Left (	Overhang			2.75
Top of Rail to Bottom of Beam	10.25	Right	t 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		

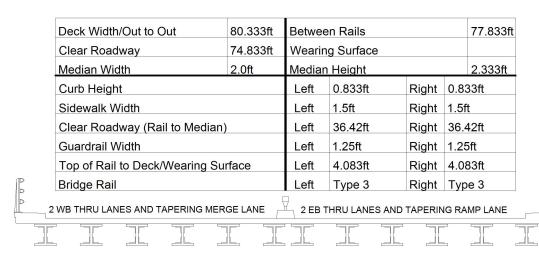
Note: Measurements recorded at Bent 20

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

Title		Descri	ption	
SUPERSTRUCTURE - 3		SPAN	23 TYPICAL SECTIO	N
Bridge No: 640013	Drawn By: BC		Date: 05/19/2008	File Name: \$0042001566

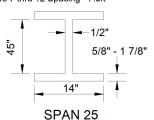


Measurements for Spans	24 thru 26		
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	8.583	Right Overhang	2.75

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

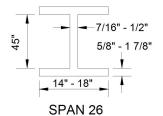
5/8" - 1 3/4" 14" - 18" Girders 1 thru 6 Spacing = 7.708ft Girders 6 and 7 Spacing= 4.0ft Girders 7 thru 12 Spacing= 7.5ft



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



NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title	Descri	ption	
SUPERSTRUCTURE - 4	SPANS	S 24 - 26 TYPICAL SE	CTION
- · · · · · · ·			

Deck Width/Out to Out	97.688ft	Betwe	en Rails			95.188ft
Clear Roadway	92.188ft	Wearii	ng Surface			
Median Width	2.0ft	Media	n Height			2.333ft
Curb Height		Left	0.833ft	Right	0.8	33ft
Sidewalk Width		Left	1.5ft	Right	1.51	ŧ
Clear Roadway (Rail to Medi	an)	Left	45.08ft	Right	45.	08ft
Guardrail Width		Left	1.25ft	Right	1.2	5ft
Top of Rail to Deck/Wearing	Surface	Left	4.083ft	Right	4.0	83ft
Bridge Rail		Left	Type 3	Right	Тур	e 3
WB THRU LANES AND TAPERING M	IERGE LANE	2 EB	THRU LANES A	ND TAPERIN	IG RA	MP LANE

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	
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	TYPICAL GIRDER
6	PPC Girder	6.33ft	6.33ft	I I FICAL GIRDER
7	PPC Girder	5.0ft	5.0ft	
8	PPC Girder	5.465ft	7.0ft	
9	PPC Girder	5.465ft	7.0ft	45"
10	PPC Girder	5.465ft	7.0ft	
11	PPC Girder	5.465ft	7.0ft	
12	PPC Girder	5.465ft	7.0ft	22"
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:

Clear Roadway = 82.5ft

Deck Width/Out to Out = 88.0ft 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

Title		Descri	ption	
SUPERSTRUCTURE - 5		SPANS	S 27 & 28 TYPICAL S	ECTION
Bridge No: 640013	Drawn By: RL BOWERS		Date: 2/11/2014	File Name: S0274002711

Deck Width/Out to Out	82.927ft	Betwe	en Rails			80.427ft
Clear Roadway	77.427ft	Wearin	ng Surface			
Median Width	2.0ft	Media	n Height			2.333ft
Curb Height		Left	0.833ft	Right	0.83	33ft
Sidewalk Width		Left	1.5ft	Right	1.5f	t
Clear Roadway (Rail to Median	า)	Left	37.714ft	Right	37.	714ft
Guardrail Width		Left	1.25ft	Right	1.25	5ft
Top of Rail to Deck/Wearing S	urface	Left	4.083ft	Right	4.0	33ft
Bridge Rail		Left	Type 3	Right	Тур	e 3

2 WB THRU LANES AND TAPERING MERGE LANE 2 EASTBOUND THRU LANES

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

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	Description
SUPERSTRUCTURE - 6	SPANS 29 & 30 TYPICAL SECTION

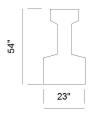
Deck Width/Out to Out	73.50ft	Betwe	en Rails		71.0ft
Clear Roadway	68.0ft	Weari	ng Surface		
Median Width	2.0ft	Media	n Height		2.333ft
Curb Height		Left	0.833ft	Right	0.833ft
Sidewalk Width		Left	1.5ft	Right	1.5ft
Clear Roadway (Rail to Med	dian)	Left	33.0ft	Right	33.0ft
Guardrail Width		Left	1.25ft	Right	1.25ft
Top of Rail to Deck/Wearing	Surface	Left	4.083ft	Right	4.083ft
Bridge Rail		Left	Type 3	Right	Type 3

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		Description				
SUPERSTRUCTURE - 7		SPANS 31 & 32 TYPICAL SECTION				
Bridge No: 640013	Drawn By: RL BOWERS		Date: 2/11/2014	File Name: \$0274002713		

Deck Width/Out to Out	29.50ft	Between Rails			:	27f
Clear Roadway	24ft	Wearii	ng Surface			
Median Width		Media	Median Height			
Curb Height		Left	0.833ft	Right	0.833	3ft
Sidewalk Width Left 1.5ft Right			Right	1.5ft		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	1.25ft	Right	1.25f	ft
Top of Rail to Deck/Wearing Surface		Left	4.083ft	Right	4.083	3ft
Bridge Rail		Left	Type 3	Right	Туре	e 3

Measurements	for Spans	33 thru 35		
Deck Thickness	3	0.667	Left Overhang	2.75

8.5

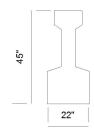
Top of Rail to Bottom of Beam

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		

Right Overhang

#### TYPICAL GIRDER

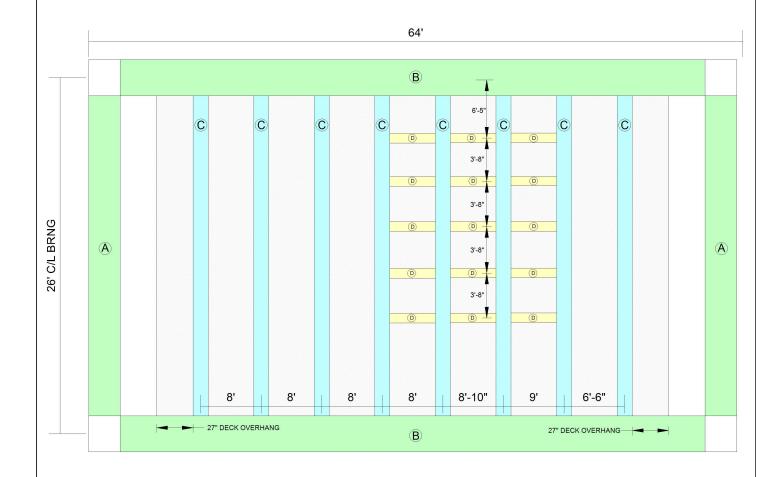
2.75



NO CHANCE	VEITH DDACTO	R ON 20-DEC-2021
NU LIANUE	KELLE PRULLU	R UNI /U-I /EU-/U/ I

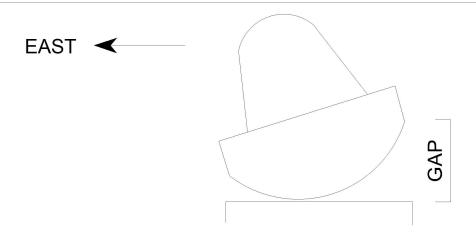
Title		Description					
SUPERSTRUCTURE - 8			SPANS 33 - 35 TYPICAL SECTION				
Bridge No: 0.400.40	Drawn By: RL BOWERS		Date:	File Name o o o 4 o o o 4 5 o o			

Bridge No: 640013 Drawn By: RL BOVVERS Date: 2/6/2014 File Name: \$0042001562



- 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

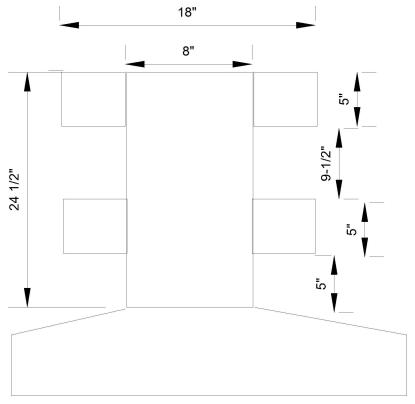
Title		Description				
SUPERSTRUCTURE - 9		Spans 17 & 19 Beams & Stringer				
Bridge No: 640013	Drawn By: JRW		Date: 3/22/2016	File Name: S0186013884		



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"
Ą	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"

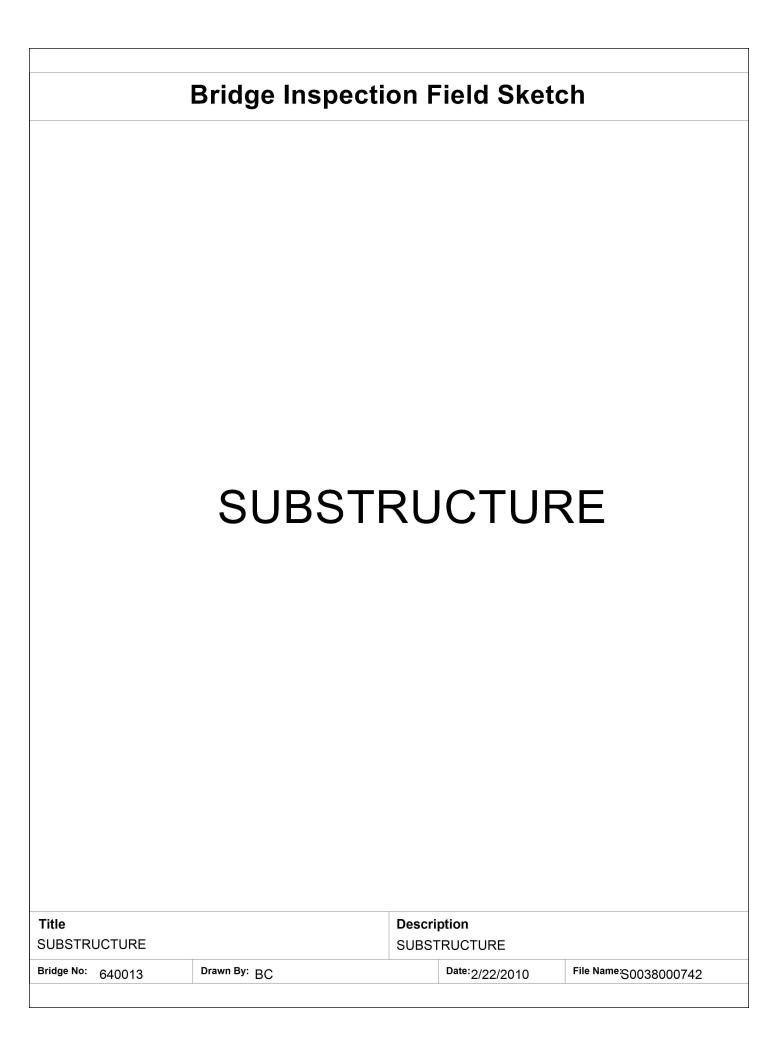
NO CHANGE: KEITH PROCTOR ON 20-DEC-2021 [63 DEGREES]

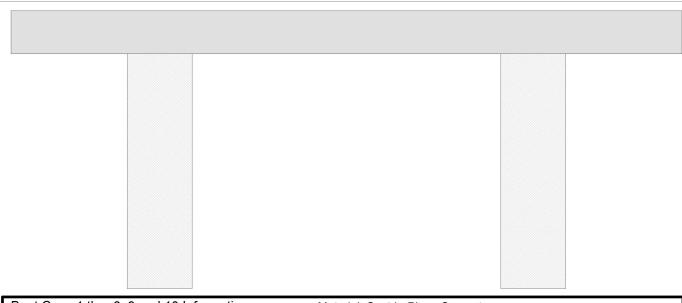
Title		Descr	Description				
BENT 14 ROCKER BEARINGS		ROCK	ROCKER BEARING ROTATION				
Bridge No: 640013	Drawn By: RL BOWERS		Date: 2/5/2014	File Name: \$0274002709			



NEW MEDIAN RAIL ALONG ENTIRE BRIDGE LENGTH SPANS 1-32

Title		Description				
MEDIAN RAIL		MEDIAN RAIL DETAIL				
Bridge No: 640013	Drawn By: H.W. HICK, JR.		Date: 2/28/2020	File Name: S0214001838		



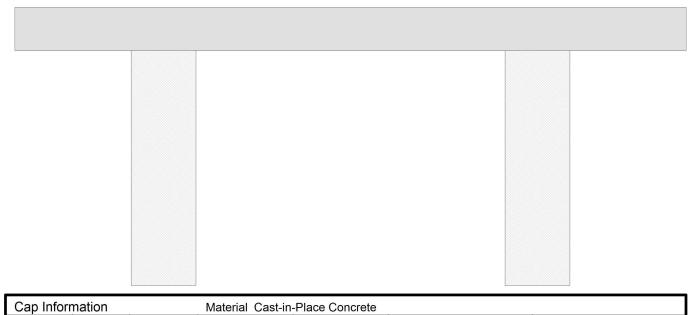


Bent Caps 1 thru 6, 9 and 10 Information						Material	Cas	st-in-Plac	ce Concre	ete			
Length	h	Width	Height	Left Over	hang	Right Overha		Right Overhang Left Beam to End of Cap.		Righ	t Beam to En	d of Cap.	
61.0 ft		3.5 ft.	4.0 ft.	13.75	ft.	13.75 ft.			2.5 ft.			2.5 ft.	
Bent C	ар	11 Informa	ation			Material	Cas	st-in-Plac	ce Concre	ete			
Length	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
61.0 ft		4.0 ft.	4.0 ft.	13.75	ft.	13.75 ft.			2.5 ft.			2.5 ft.	
Bent C	aps	18 and 1	9 Informati	on		Material	Cas	st-in-Plac	ce Concre	ete			
Length	h	Width	Height	Left Over	hang	Right Overhang Left Beam to End of Cap.		p. 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 C	ap :	20 Informa	ation			Material	Cas	st-in-Plac	ce Concre	ete			
Length	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
67.0 ft		5.0 ft.	5.0 ft.	14.0	ft.	14.0 ft.			2.5 ft.			2.5 ft.	
Pile#	Ma	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Co	oncrete	33.5 ft.*	5.0 ft.**			Ver	tical	No	No		No	No
2	Co	oncrete		5.0 ft.**			Ver	tical	No	No		No	No

<sup>\*</sup> 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.

Title		Descri	ption	
SUBSTRUCTURE - 1		BENTS	S 1-6, 9-11, & 18 - 20 F	PROFILE
Bridge No: 640013	Drawn By: RGM		Date: 2/21/2012	File Name: \$0042061833

<sup>\*\*</sup> 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.

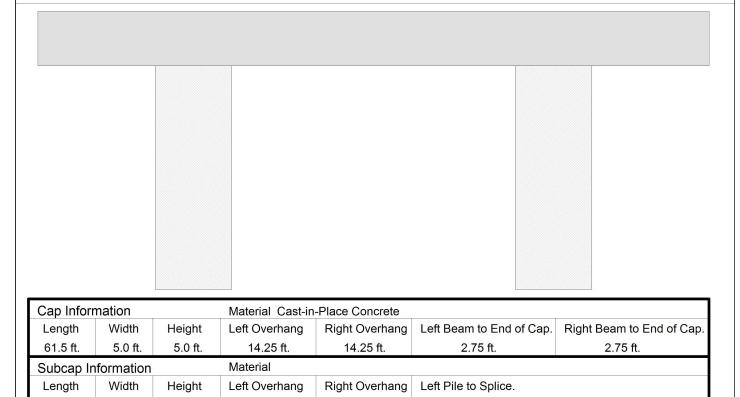


Cap Int	formati	on		Material	Cast-in-	Place Concre	ete						
Length	n V	/idth	Height	Left Over	hang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
62.094	ft. 3	.5 ft.	4.0 ft.	13.75	ft.	13.75 ft.			2.5 ft.			2.5 ft.	
Subcap	o Inforr	nation		Material									
Length	n V	/idth	Height	Left Over	hang	Right Overh	nang	Left Pi	le to Splid	ce.			
Sill Info	ormatio	n		Material									
Length	n V	/idth	Height										
Pile#	Materi	al	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	ent?	Removed?	Collar?
1 Concrete 34.594 ft. 6.0 ft. Vertical No No No No							No						
2	Concr	ete		6.0 ft.			Verti	ical	No	No		No	No
Bent: 7	Bent: 7 Similar Bent: 8												

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

TitleDescriptionSUBSTRUCTURE - 2BENTS 7 & 8 PROFILE

Bridge No: 640013 Drawn By: BC Date: 5/19/2008 File Name: \$0038000458



Length	n 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

Sill Information

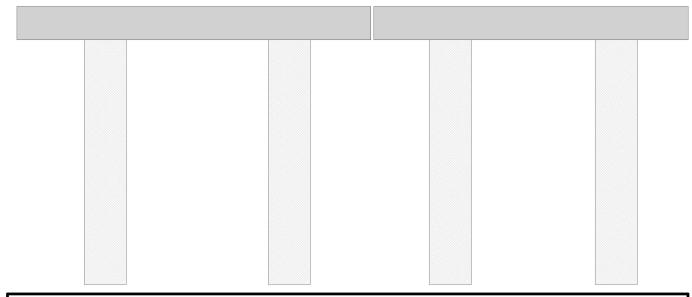
Material

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title Description

SUBSTRUCTURE - 3 BENTS 12 - 15 PROFILE

Bridge No: 640013 Drawn By: BC Date: 5/19/2008 File Name: \$0038000459



Bent 2	1 C	ap Segme	nt 1 Inform	nation		Materia	ıl Ca	st-in-Pla	ace Concr	ete			
Lengtl	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
42.92	ft.	4.0 ft.	4.0 ft.	10.5 f	t.	10.5 ft.			2.5 ft.			1.92 ft.	
Bent 2	1 C	ap Segme	nt 2 Inform	nation		Materia	ıl Ca	st-in-Pla	ace Concr	ete			
Lengtl	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
36.75	ft.	4.0 ft.	4.0 ft.	8.5 ft		8.5 ft.			1.92 ft.			2.5 ft.	
Pile#	М	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	C	oncrete	21.92 ft.	5.0 ft.			Ver	tical	No	No		No	No
2	C	oncrete	19.17 ft.	5.0 ft.			Ver	tical	No	No		No	No
3	C	oncrete	19.75 ft.	5.0 ft.			Ver	tical	No	No		No	No
4	C	oncrete		5.0 ft.			Ver	tical	No	No		No	No

Bent 2	4 Cap Seg	ment	1 Inform	ation		Materia	ıl Ca	st-in-Pla	ace Concr	ete			
Lengtl	h Width	1	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
42.5 ft	. 4.0 ft		4.0 ft.	10.5 f	t.	10.5 ft.			2.5 ft.			1.42 ft.	
Bent 2	4 Cap Seg	ment	2 Inform	ation		Materia	ıl Ca	st-in-Pla	ace Concr	ete			
Lengtl	h Width	1	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
43.92	ft. 4.0 ft		4.0 ft.	10.5 f	t.	10.5 ft.			1.42 ft.			2.5 ft.	
Pile#	Material		Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Concrete		21.5 ft.	5.0 ft.			Ver	tical	No	No		No	No
2	Concrete		22.17 ft.	5.0 ft.			Ver	tical	No	No		No	No
3	Concrete		22.92 ft.	5.0 ft.			Ver	tical	No	No		No	No
4	Concrete			5.0 ft.			Ver	tical	No	No		No	No

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title	Descri	ption	
SUBSTRUCTURE - 4	BENTS	S 21 & 24 PROFILE	
		_	

Bent C	ap 2	22 Informa	ation	Material	Steel								
Length	า	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
105.0	ft.	4.0 ft.	7.0 ft.	1.5 ft.		28.5 ft.			1.5 ft.			9.83 ft.	
Bent C	ap 2	23 Informa	ation	Material	Steel								
Length	า	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
105.0	ft.	4.0 ft.	7.0 ft.	28.5 f	t.	1.5 ft.			9.83 ft			1.5 ft.	
Sill Info	orma	ation		Material									
Length	า	Width	Height										
Pile#	Ма	aterial	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	nent?	Removed?	Collar?
1	Co	oncrete	75.0 ft.	6.0 ft.			Vert	ical	No	No		No	No
2	Co	oncrete		6.0 ft.			Vert	ical	No	No		No	No

Steel Box Girder Dimensions:

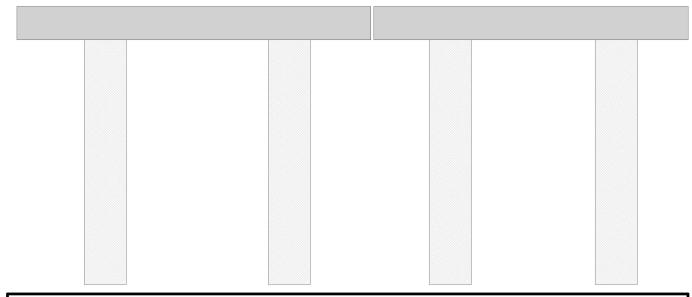
Top Flange Thickness = 1 1/4" (Min) to 2 1/8" (Max) Bottom Flange Thickness = 1 1/4"  $\,$ 

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 File Name: \$0038000472 Drawn By: RL BOWERS Date: 2/6/2014

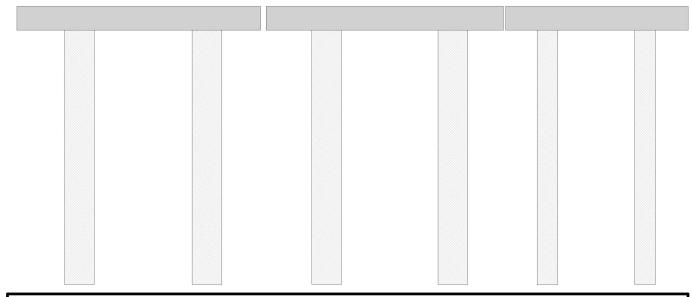


Bent 2	5 Cap Segm	ent 1 Inform	nation		Materia	al Ca	st-in-Pla	ace Concr	ete			
Length	n Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
42.42 1	ft. 4.0 ft.	4.0 ft.	10.5 f	t.	10.5 ft.			2.5 ft.			1.92 ft.	
Bent 2	5 Cap Segm	ent 2 Inform	nation		Materia	al Ca	st-in-Pla	ace Concr	ete			
Length	n Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d 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	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Concrete	21.42 ft.	5.0 ft.			Ver	tical	No	No		No	No
2	Concrete	24.17 ft.	5.0 ft.			Ver	tical	No	No		No	No
3	Concrete	28.604 ft.	5.0 ft.			Ver	tical	No	No		No	No
4	Concrete		5.0 ft.			Ver	tical	No	No		No	No

1												
Bent 2	7 Cap Segme	ent 1 Inform	nation		Materia	al Ca	st-in-Pla	ace Concr	ete			
Length	h Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
44.33	ft. 4.5 ft.	4.0 ft.	11.5 f	t.	11.5 ft.			2.5 ft.			2.33 ft.	
Bent 2	7 Cap Segme	ent 2 Inform	nation		Materia	al Ca	st-in-Pla	ace Concr	ete			
Length	h Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d 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	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Concrete	21.33 ft.	5.0 ft.			Ver	tical	No	No		No	No
2	Concrete	20.026 ft.	5.0 ft.			Ver	tical	No	No		No	No
3	Concrete	16.42 ft.	5.0 ft.			Ver	tical	No	No		No	No
4	Concrete		5.0 ft.			Ver	tical	No	No		No	No

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

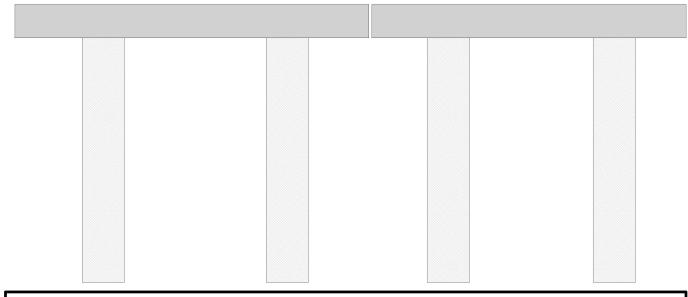
TitleDescriptionSUBSTRUCTURE - 6BENTS 25 & 27 PROFILE



Bent 2	6 Ca	ap Segme	nt 1 Inform	nation		Material C	ast-ir	n-Place	Concrete				
Length	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
42.42	ft.	4.0 ft.	4.0 ft.	10.5 f	t.	10.5 ft.			2.5 ft.			1.92 ft.	
Bent 2	6 Ca	ap Segme	nt 2 Inform	nation		Material C	ast-ir	n-Place	Concrete				
Length	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
38.25	ft.	4.0 ft.	4.0 ft.	8.5 ft.		8.5 ft.			1.92 ft.			1.92 ft.	
Bent 2	6 Ca	ap Segme	nt 3 Inform	nation		Material C	ast-ir	n-Place	Concrete				
Length	h	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
30.938	3 ft.	3.5 ft.	3.0 ft.	7.25 1	ft.	7.25 ft.			1.92 ft.			2.5 ft.	
Pile#	Ма	iterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	nent?	Removed?	Collar?
1	Со	ncrete	21.42 ft.	5.0 ft.			Ver	tical	No	No		No	No
2	Со	ncrete	20.17 ft.	5.0 ft.			Ver	tical	No	No		No	No
3	Со	ncrete	21.26 ft.	5.0 ft.			Ver	tical	No	No		No	No
4	Со	ncrete	15.92 ft.	5.0 ft.			Vertical No No		No		No	No	
5	Со	ncrete	16.438 ft.	3.5 ft.			Vertical No No		No	No			
6 Concrete 3.5 ft. Vertical No No No No					No								
Rent: 26													

MODIFIED BY KEITH PROCTOR ON 20-DEC-2021 [CHANGES DENOTED IN RED]

TitleDescriptionSUBSTRUCTURE - 7BENT 26 PROFILE



Bent C	ар	Segment 1	Information	on			Materia	l Ca	st-in-Pla	ace Concr	ete			
Lengtl	h	Width	Height	Left Over	hang	R	ight Overh	ang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap.
48.5 ft	3.5 ft. 4.0ft 4.5 ft. 11.5 ft. 11.5 ft. 2.5 ft.								2.323 ft.					
Bent C	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.								d of Cap.						
33.58 f	33.58 ft. 4.5 ft. 4.5 ft. 8.0 ft. 8.0 ft. 2.354 ft.							2.5 ft.						
Pile#	M	aterial	Spacing	Width/Dia.	Height		Length	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Co	oncrete	25.5 ft.	5.0 ft.				Ver	tical	No	No		No	No
2	Co	oncrete	20.568 ft.	5.0 ft.				Ver	tical	No	No		No	No
3 Concrete 17.58 ft. 5.0 ft. Vertical No No No No							No							
4	Co	oncrete		5.0 ft.				Ver	tical	No	No		No	No
Bent: 2	Bent: 28 Similar Bent: 29													

Title		Descri	ption	
SUBSTRUCTURE - 8		BENTS	3 28 & 29 PROFILE	
Bridge No: 640013	Drawn By: BC		Date: 05/19/2008	File Name: \$0038000310

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.

Cap Information				Material	Cast-in-	Place Concre	ete						
Length	1	Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	d of Cap.	Right	t Beam to En	d of Cap.
29.01	ft.	3.5 ft.	3.0 ft.	7.25	ft.	7.25 ft.			2.5 ft.			2.5 ft.	
Subcap Information Material													
Length	1	Width	Height	Left Over	hang	Right Overh	ang	Left Pi	le to Splid	e.			
Sill Info	Sill Information Material												
Length Width Height													
Pile#	Ма	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replaceme	ent?	Removed?	Collar?
1	Co	ncrete	14.5 ft.	3.5 ft.			Vert	tical	No	No		No	No
2	Co	ncrete		3.5 ft.			Vert	tical	No	No		No	No
Bent: 3	Bent: 30 Similar Bent: 31												

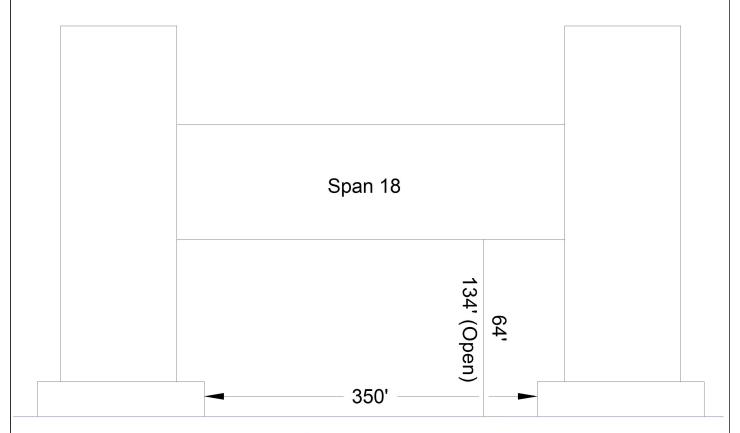
MODIFIED BY KEITH PROCTOR ON 20-DEC-2021 [CHANGES DENOTED IN RED]

TitleDescriptionSUBSTRUCTURE - 9BENTS 30 & 31 PROFILE (RAMP)

Bridge No: 640013 Drawn By:BC Date: 05/19/2008 File Name: \$0038000314

# **Bridge Inspection Field Sketch** 79' 39.5 17' 17' 45' NO CHANGE: KEITH PROCTOR ON 20-DEC-2021 Title Description SUBSTRUCTURE - 10 PIER 16 - PIER 17 DIMENSIONS Drawn By: JRW File Name: \$0186013883 Date: 3/21/2016 640013





Cape Fear River

Clearance varies due to the tide.

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

TitleDescriptionLIFT SPAN NAVIGATIONAL CLEARANCESNAVIGATIONAL CLEARANCES

Bridge No: 640013 Drawn By: BC Date: 05/19/2008 File Name: \$0042001564

#### **Bridge Inspection Field Sketch** BENTS 18 - 30 AND END BENT 2 NORTH Seawall 40.8' **BENT 17** 35.1' 45.1' 43.8' **CHANNEL** 41.7' 41.9' **BENT 16** 27.4' **BENT 15** 31.5' **FLOOD** 18.3' 15.7' **BENT 14 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' WSWE at Bent 12 **BENT 12** BENTS 1 - 11 AND END BENT 1 VERIFIED BY JER 7/27/21 **Title** Description **PLAN VIEW** CHANNEL OVERVIEW Bridge No: 640013 Drawn By: JER Date: 6/1/2017 File Name: S0178000635

#### **SCOUR**

**EXPOSURE HEIGHTS FROM TOP OF FOOTING** 

TOF-TOP OF FOOTING

BENT 13 NE SE NW SW

2021 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	Description
SCOUR	SCOUR PROFILE

Bridge No: 640013 Drawn By: JER Date: 6/6/2017 File Name: \$0174013361

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Title		Description		
DELETED - 1		DELETED		
Bridge No: 640013 Drawn By: BC			Date: 2/21/2012	File Name: \$0042061840

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Title		Description			
DELETED - 2			DELETED		
Bridge No: 640013 Drawn By: BC			Date: 05/19/2008	File Name:S0042001565	

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Title DELETED - 3		Description DELETED			
DELETED - 3			DELETED		
Bridge No: 640013	PNo: 640013 Drawn By: BC		Date: 2/21/2012	File Name: S0042061837	

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DELETED - 4			DELETED		
Bridge No: 640013 Drawn By: BC			Date: 2/21/2012	File Name: \$0042061838	

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Bridge No: 640013	Drawn By: DRC		Date: 02/17/2016	File Name: \$0038000313		

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Bridge No: 640013	Drawn By: BC		Date: 2/23/2010	File Name: \$0038000743	

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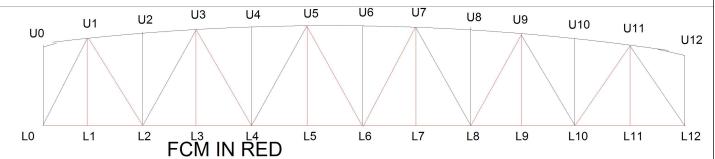
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Bridge No: 640013	Drawn By: BC		Date: 2/21/2012	File Name: \$0042061839	

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Title DELETED - 8		<b>Description</b> DELETED		
Bridge No: 640013 Drawn By: BC			Date: 2/20/2012	File Name: S0042061836
				1

# FRACTURE CRITICAL MEMBERS AND CONDITIONS (SPANS 17-19)

Title		Descri	ption	
FRACTURE CRITICAL ME	EMBERS	FRAC1	TURE CRITICAL MEM	IBERS
Bridge No: 640013	Drawn By: JHD		Date: 2/1/2018	File Name: S0374000365



#### 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 LO
	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, INSDE 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				ption	
SEE 2021	WIGINS ELEMENT DEFECT	NOTES: KEITH PROCTOR ON 20-DEC-2021		H TRUSS	
Bridge	No: 640013	Drawn By: I∧⊏		Date: 4/2/2009	File Name: 0104000210

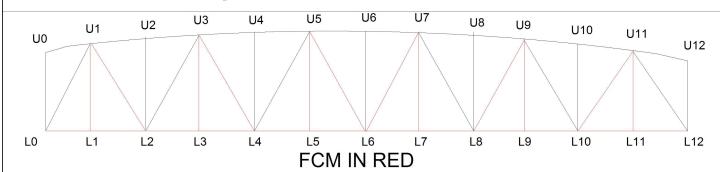
Diagonals and Top Chord Members South Side

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	

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title	Description
SOUTH DIAGONALS AND TOP CHORD MEMBERS	TRUSS SOUTH

Bridge No:	640013	Drawn By: JAF	Date: 4/2/2008	File Name:S0194000211



Fracture Critical Members North Side and ALL North Verticals

110	iotaro Ori		di Members North Cide 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 LO 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 Frac	ture Critical Mer	mbers NORTH	Descri	ption				
SEE 2021 WIGIN	NS ELEMENT DEFECT	NOTES: KEITH PROCTOR ON 20-DEC-2021	Truss Members					
Bridge No:	640013	Drawn By: JAF		Date: 4/2/2008	File Name: \$0194000208			

#### 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

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title			Description			
FRACTURE CRITICAL MEMBERS NORTH CONT.			TRUSS MEMBERS			
Bridge No:	640013	Drawn By: JAF		Date: 4/2/2008	File Name: S0194000209	

 $<sup>1/2&</sup>quot; \ PACK \ RUST \ BETWEEN \ TOP \ CHORD \ SPLICE \ PLATE \ \& \ TOP \ GUSSET \ @ \ U3, \ 3/16" \ PITTING \ \& \ SECTION \ LOSS \ DOWN \ TO \ KNIFE \ EDGE \ IN \ GUSSET$ 

<sup>3/8&</sup>quot; PACK RUST BETWEEN TOP CHORD & TOP GUSSET @ U2, 1/4" PITTING IN GUSSET

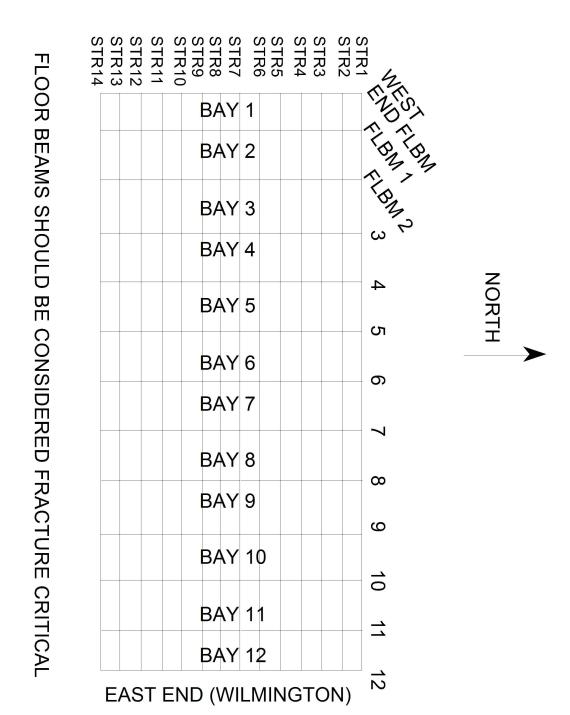
SL AND PITTING IN L10 N INSIDE GUSSET ABOVE BOTTOM CHORD - 3'L x 3"H UP TO 0.125" DEEP

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 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

#### FLOOR PLAN FOR TRUSS SPAN INSPECTION

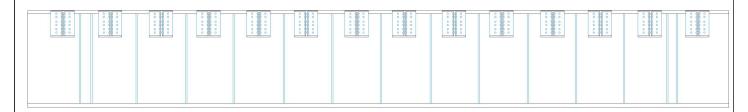


NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

TitleDescriptionFLOOR PLAN FLBM & STRTRUSS SPAN FLOOR BEAM & STRING<br/>ERS

Bridge No: 640013 Drawn By: DRB Date: 4/24/2008 File Name: \$0190000327

#### 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.

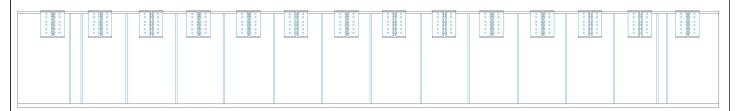
SECTION LOSS TO KNIFE EDGE IN BOTTOM 4" OF VERTICAL STIFFENER PLATES FROM STR 3-7 AND 8-12 WITH HOLES UP TO 1" IN DIAMETER AT VS 4 AND 5.

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

 Title
 Description

 FLOOR BEAM 0
 FLOOR BEAM 0 WEST END FLOOR

#### FLOOR BEAM 1



STRINGER 1- FLOOR BEAM NE ANGLE CONN. 3" TOPREPAIRED

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"X1" HOLE BTMREPAIRED

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"BTMREPAIRED

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 BTMREPAIRED

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:

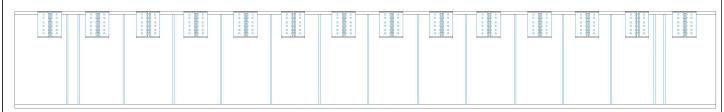
BETWEEN STRINGERS 1&2 20%LOSS IN BTMREPAIRED

BETWEEN STRINGERS 2&3 1" HOLE IN BTM REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

TitleDescriptionFLOOR BEAM 1 WEST AND EASTDEFICIENCIES

#### FLOOR BEAM 2 EAST AND WEST



#### CRACKS IN CONNECTION ANGLES:

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STRINGER 1- FLOOR BEAM SE ANGLE CONN. 4 1/2" TOP 2 1/2" TOP THE TAIRED
STRINGER 1- FLOOR BEAM NE ANGLE CONN. 5" TOP 2" BREPAIRED
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STRINGER 2- FLOOR BEAM NE ANGLE CONN. 6 1/2"TOP 4 3/4"TOP BOLT 3 REPMRED

STRINGER 2- FLOOR BEAM SE ANGLE CONN. 12"TOP 2"TOP BOLT 4"BTM 2"X3/4" HOLET PARED

STRINGER 3- FLOOR BEAM NE ANGLE CONN. 9"TOP 2"BTM 5% LOSS IN THE INCLUDE STRINGER ST

STRINGER 3- FLOOR BEAM SE ANGLE CONN. 4"TOP 3 1/2"TOP BOLT 5%LOSS INCEPMIRED

STRINGER 4- FLOOR BEAM NE ANGLE CONN. 4"TOP 2 1/2"TOP BOLFAIRED STRINGER 4- FLOOR BEAM SE ANGLE CONN. 5% LOSS IN BTREPAIRED

STRINGER 5- FLOOR BEAM NE ANGLE CONN. 1/2" BTM & 15% LOSS INBTMRED

STRINGER 6- FLOOR BEAM NE ANGLE CONN. 15% LOSS IN REPAIRED

STRINGER 6- FLOOR BEAM SE ANGLE CONN. 5% LOSS IN EXIMPAIRED

STRINGER 7- FLOOR BEAM NE ANGLE CONN. 10% LOSS IN REPAIRED

STRINGER 11- FLOOR BEAM NE ANGLE CONN. 3 1/2" TOPPAIRED STRINGER 11- FLOOR BEAM NE ANGLE CONN. 3 1/2" TOPPAIRED

STRINGER 12- FLOOR BEAM NE ANGLE CONN. 4 1/2" TOP 2" TOP BOLT 3 1/2REPMIRED

STRINGER 13- FLOOR BEAM NE ANGLE CONN. 9" TOP 3"BTIMEPAIRED

STRINGER 2- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN EXEMPLIED

STRINGER 3- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN EXEMPLIED

STRINGER 4- FLOOR BEAM NW ANGLE CONN. 5% LOSS IN BRIMPAIRED

STRINGER 4- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BAINPAIRED

STRINGER 7- FLOOR BEAM SW ANGLE CONN. 5% LOSS IN BANDAIRED

3/16" SECTION LOSS TO EAST SIDE OF FLBM UNDER STREPAIRED 1/8" FULL WIDTH SECTION LOSS TO BTM FL OF FLBM AT LAT GUSSET CONFAIRED 1/8" LOSS IN EAST AND WEST VERT STIFFENER BOTTOMS UNLESS NOTREPAIRED

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 BEMAIRED

VERTICAL FLOOR BEAM STIFFNERS ON WEST SIDE OF FLOOR BEAM: BETWEEN STRINGERS 1&2, 5&6, 2" HOLE IN BTIMEPAIRED BETWEEN STRINGERS 2&3, 3&4 20%LOSS IN BTIMEPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

**Title** Description FLOOR BEAM 2 EAST AND WEST **DEFICIENCIES** 

Drawn By: DRB Date: 5/16/2008 File Name: S0190000329 Bridge No: 640013

#### FLOOR BEAM 3 EAST AND WEST



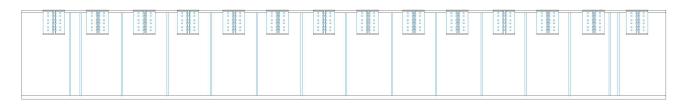
FLOOR BEAM 3 WEST SIDE STRINGER 5 5% SECTION LOSS SOUTH ANGLE REPAIRED FLBM 3 WEST SIDE STRINGER 4 8% SECTION LOSS SOUTH AND NORTH ANGLE REPAIRED FLBM 3 WEST SIDE STRINGER 3 5% SECTION LOSS SOUTH ANGLE BOTTOM REPAIRED FLBM 3 WEST SIDE STRINGER 3 CRACK 2" BOTTOM 10% SECTION LOSS NORTH ANGLE REPAIRED FLBM 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

TitleDescriptionFLOOR BEAM 3 EAST AND WESTFLOOR BEAM 3 EAST AND WEST

Bridge No: 640013 Drawn By: MM Date: 5/19/2008 File Name: \$0194000222

#### 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 TOPREPAIRED

FLBM 4 ES STRINGER 11 SOUTH ANGLE CRACK 3 1/2" IN TOPREPAIRED

FLBM 4 ES STRINGER 11 NORTH ANGLE CRACK 3" IN TOPREPAIRED

FLBM 4 ES STRINGER 12 SOUTH ANGLE CRACK 4" TOP 3" TOP OF BOLTSREPAIRED

FLBM 4 ES STRINGER 12 NORTH ANGLE CRACK 3 1/2" TOP 3" TOP OF BOLTSREPAIRED

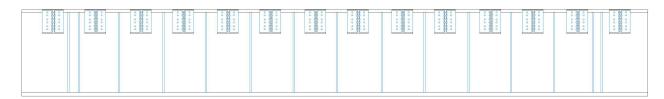
FLBM 4 ES STRINGER 13 SOUTH ANGLE CRACK 3 1/2" TOP 2" TOP OF BOLTSREPAIRED

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 Description
LOWER TRUSS BEAM 4 FLOOR BEAM 4 WEST AND EAST SIDE

#### 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 TOPREPAIRED FLOOR BEAM 5 EAST SIDE STRINGER 4 NORTH ANGLE CRACK 4" TOP 1 1/2" BOLTS TOPREPAIRED FLBM 5 ES STRINGER 3 SOUTH ANGLE CRACK 3" TOP 3" BOLTS TOPREPAIRED FLBM 5 ES STRINGER 3 NORTH ANGLE CRACK 8" TOP 8" BOLTS TOPREPAIRED FLBM 5 ES STRINGER 2 NORTH ANGLE CRACK 4 1/2" TOP 3 1/2" BOLTS TOPREPAIRED FLBM 5 ES STRINGER 11 NORTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 5 ES STRINGER 12 SOUTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 5 ES STRINGER 12 NORTH ANGLE CRACK 5 1/2" TOP 2" BESIDE BOLTS TOPREPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

Title
FLOOR BEAM 5 WEST AND EAST

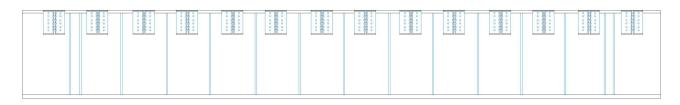
Bridge No: 640013

Drawn By: MM

Date: 5/14/2008

File Name: S0194000218

#### FLOORBEAM 6 WEST AND EAST

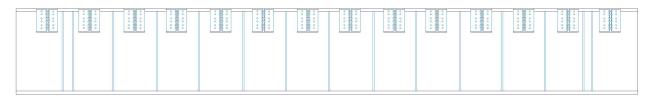


FLOOR BEAM 6 WEST SIDE STRINGER 1 NORTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED FLBM 6 WS STRINGER 1 SOUTH ANGLE 5% SECTION LOSS IN BOTTOM REPAIRED FLBM 6 WS SECTION LOSS IN WEB SOUTH SIDE BOTTOM STRINGER 2 4" IN DIA.REPAIRED FLBM 6 WS STRINGER 2 NORTH ANGLE 10% SECTION LOSS IN BOTTOM REPAIRED FLBM 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 BOTTOMREPAIRED 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 BOTTOMREPAIRED 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" BOTTOMREPAIRED 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 BOTTOMREPAIRED 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 BOLTSREPAIRED FLBM 6 ES STRINGER 8 SOUTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 8 ES STRINGER 8 SOUTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 6 ES STRINGER 8 NORTH ANGLE CRACK 2" IN TOPREPAIRED FLBM 6 ES STRINGER 9 SOUTH ANGLE CRACK 2" IN TOPREPAIRED FLBM 6 ES STRINGER 9 NORTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 6 ES STRINGER 10 SOUTH ANGLE CRACK 2" IN TOP REPAIRED FLBM 6 ES STRINGER 10 NORTH ANGLE CRACK 5" IN TOPREPAIRED FLBM 6 ES STRINGER 11 SOUTH ANGLE CRACK 3" IN TOPREPAIRED FLBM 6 ES STRINGER 12 NORTH ANGLE CRACK 8" IN TOP 1/2" BOLTS TOPREPAIRED FLBM 6 ES STRINGER 12 SOUTH ANGLE CRACK 8" IN TOPREPAIRED FLBM 6 ES STRINGER 13 NORTH ANGLE CRACK 6" IN TOPREPAIRED

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	

FLBM 6 ES STRINGER 13 SOUTH ANGLE CRACK 5" IN TOPREPAIRED SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

#### 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" BOTTOM 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

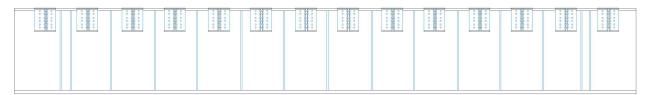
SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

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: \$0194000220

#### 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

Bridge No: 640013

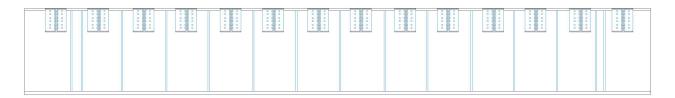
Drawn By: MM

Description
FLOOR BEAM 8 WEST AND EAST

Date: 5/15/2008

File Name: \$0194000221

#### 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

Bridge No: 640013

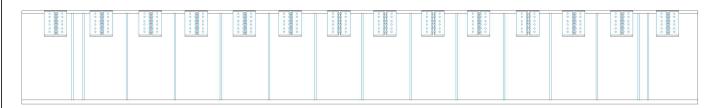
Drawn By: MM

Description
FLOOR BEAM 9 WEST AND EAST

Date: 5/19/2008

File Name: \$0194000223

#### 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

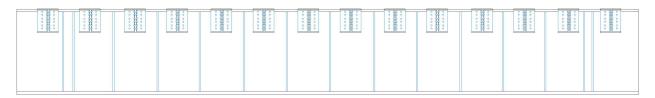
FLBM 10 WS STRINGER 13 SOUTH ANGLE CRACK 6" TOP 1 1/2" TOP BOLTS REPAIRED

SEE 2021 WIGINS ELEMENT DEFECT NOTES: KEITH PROCTOR ON 20-DEC-2021

TitleDescriptionFLOOR BEAM 10 WEST AND EASTFLOOR BEAM 10 WEST AND EAST

Bridge No: 640013 Drawn By: MM Date: 5/19/2008 File Name: \$0194000224

#### 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"TOPBOLT 4"BTM REPAIRED STR4 TO FLOOR BEAM CRACKED SW CONN. ANGLE 4"TOP 3"TOPBOLT 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 SW 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 1/4"TOP 2 3/4"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 2 3/4"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TO FLOOR BEAM CRACKED SW CONN. ANGLE 5 "TOP 3"TOP BOLT REPAIRED STR13 TOP BOLT REPAIRED STR13 TOP

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 2thru4, 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
FLOOR BEAM 11 WEST AND EAST

Bridge No: 640013

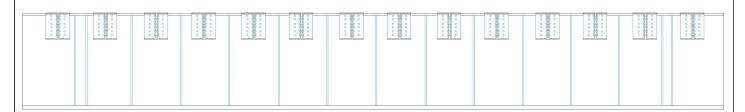
Drawn By: DRB

Description
FLOOR BEAM 11 WEST AND EAST

Date: 5/23/2008

File Name: S0190000330

#### 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

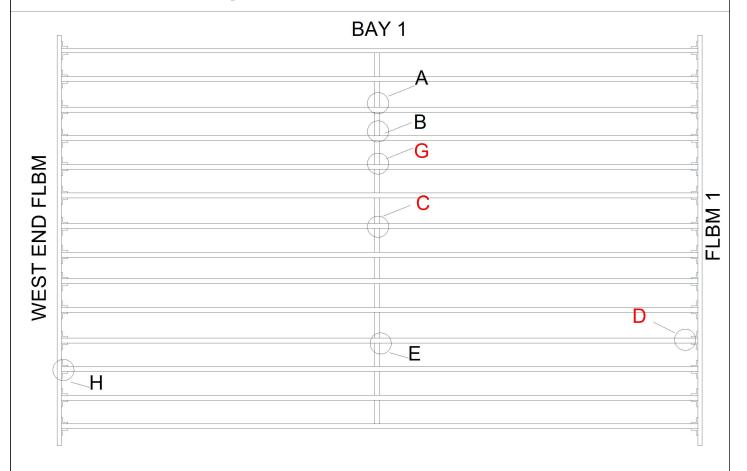
3/8"section loss in west bottom flange from NE lock bar to north end

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

TitleDescriptionFLOOR BEAM 12 EAST AND WEST (EAST END FLBM)FLOOR BEAM 12 EAST END FLBM



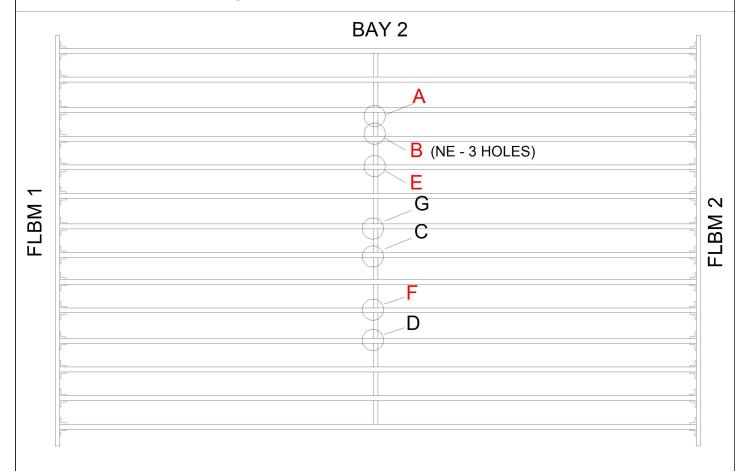
- A. CRACKED DIA CONN WELD NORTH SIDE OF STR3 PROPIGATING 1 1/2" INTO WEB OF STR 3 REPAIRED
- B. CRACKED DIA CONN WELD NORTH SIDE OF STR4 PROPIGATING 1 1/2" INTO WEB OF STR 4 REPAIRED
- C. CRACKED DIA CONN WELD AT STR7 PROP. 1/8" PAST EAST ARREST HOLE
- D. HOLE 3/4"X1/4" IN STR11@WEST FLBM1 CONN.
- E. 2 11/16" CRACK AT TOP DIAPH. CONNECTION WELD AT SOUTH SIDE STR 11REPAIRED
- 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: \$0190000333

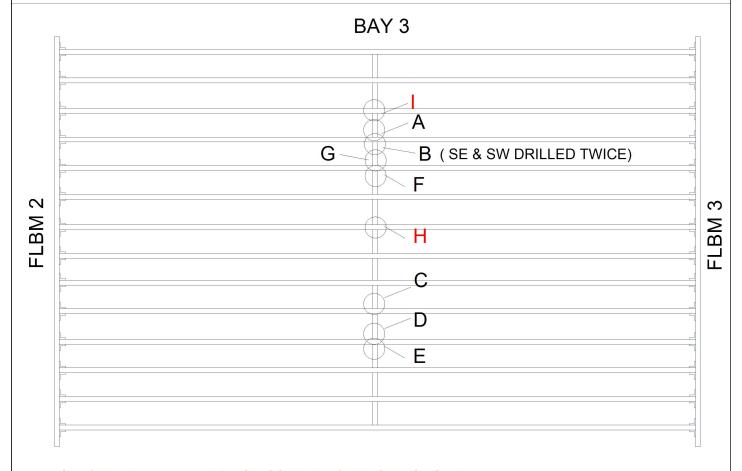


- A. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR3 1/4" PROP. 1" PAST ARREST HOLE
- B. CRACKED DIAPHRAGM CONN TO STR4 1/2" PROP. 1/2" AT WEST ARREST HOLE
- C. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR7 1/4"REPAIRED
- D. CRACK IN DIAPH. AT SOUTH SIDE OF STR 11REPAIRED
- E. CRACK IN WEB AT DIAPH. CONN. 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 Drawn By: DRB

Bridge No: 640013 File Name: S0190000334 Date: 5/27/2008



- 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 3REPAIRED
- E. CRACKED WEB AT DIAPHRAGM CONN TO SOUTH SIDE OF STR11 3'REPAIRED
- F. 15/8" CRACK AT TOP DIAPH. CONN. WELD AT SOUTH SIDE STR 5REPAIRED
- G. 1" CRACK AT TOP DIAPH. CONN. WELD AT NORTH SIDE STR 5REPAIRED

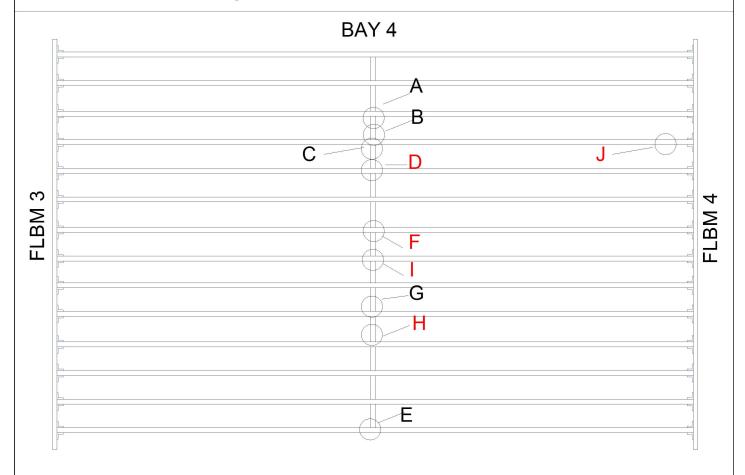
H. 1/2" CRACK IN WELD AT TOP DIAPH. CONN. WELD AT SOUTH SIDE STR 7 I. 1/2" CRACK IN WEB AT TOP DIAPH. CONN. BOTH SIDES STR 3

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

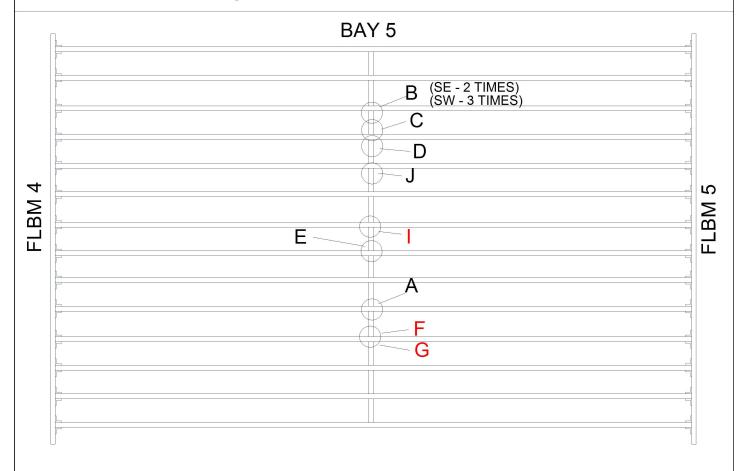


- A. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR3 REPAIRED
- B. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR4 REPAIRED
- C. CRACKED DIAPHRAGM CONN TO SOUTH SIDE OF STR4 REPAIRED CRACK PROPAGATED 5/16" PAST OLD REPAIR HOLE AT SE. STR.4 REPAIRED
- D. CRACKED DIAPHRAGM CONN TO NORTH SIDE OF STR5 (2) TOTAL 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

TitleDescriptionSTRINGER AND DIAPHRAGM BAY4BAY4 STRINGER AND DIAPHRAGM

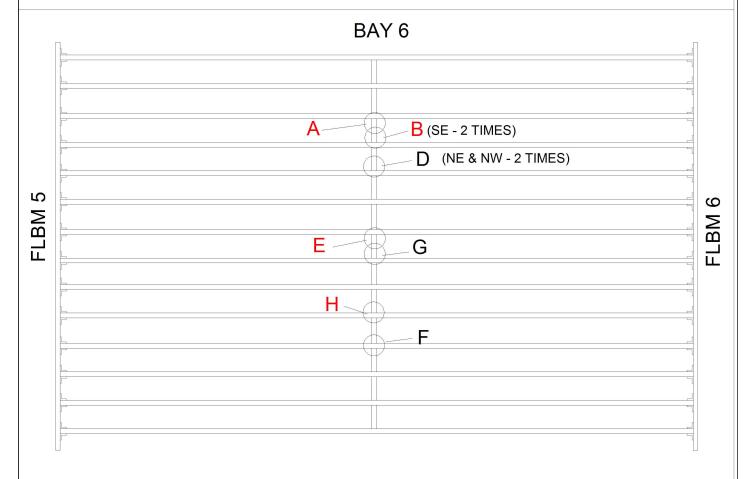
Bridge No: 640013 Drawn By: DRB Date: 5/27/2008 File Name: S0190000336



- 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

TitleDescriptionSTRINGER AND DIAPHRAGM BAY5BAY5 STRINGERS AND DIAPHRAGMS

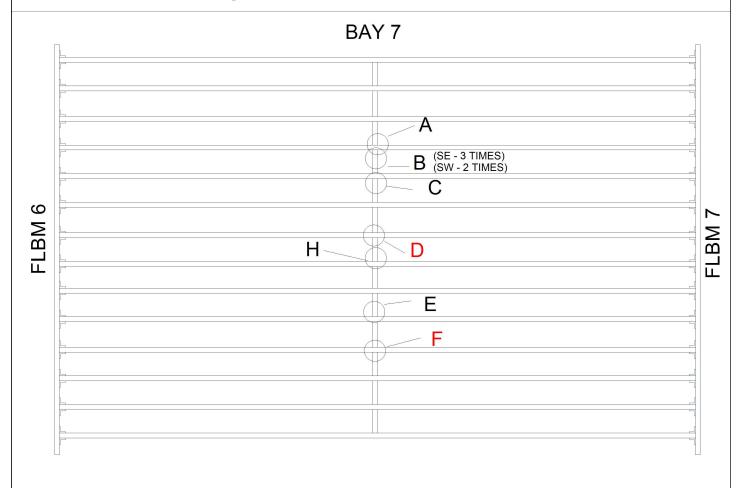


- A. CRACK IN WEB ABOVE WELD AT DIAPHRAGM CONN AT STR3 1-1/2"
- B. CRACK IN WEB ABOVE WELD AT DIAPHRAGM CONN AT STR4 PROP. 3/16" PAST ARREST HOLE
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTH SIDE OF STR5 REPAIRED
- E. CRACK IN WEB ABOVE WELD AT DIAPH. CONN. ON STR7 PROP. UP TO 1" ON E & W SIDES OF ARST. HOLE
- F. CRACKED WEB AT DIAPHRAGM CONN IN NORTH SIDE OF STR11 1" HLREPAIRED
- 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

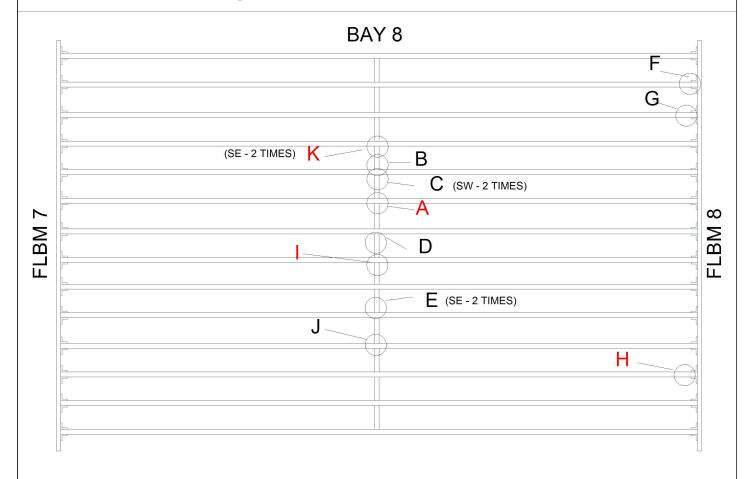


- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTHH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 1"REPAIRED
- C. CRACKED IN DIAPHRAGM CONN AT SOUTH SIDE OF STR5 1/2"REPAIRED
- D. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN STR7 1" (4) TOTAL PROP. 1/4" PAST ARREST 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

TitleDescriptionSTRINGER AND DIAPHRAGM BAY 7BAY 7 STRINGER & DIAPHRAGM

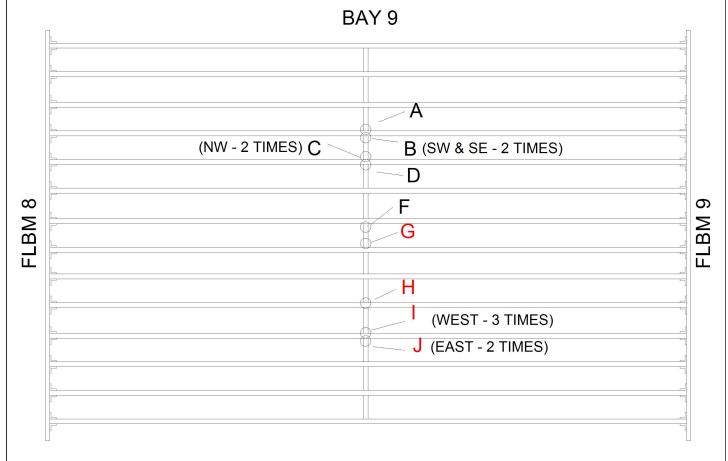
Bridge No: 640013 Drawn By: DRB Date: 5/27/2008 File Name: S0190000339



- 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. 15/8" 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

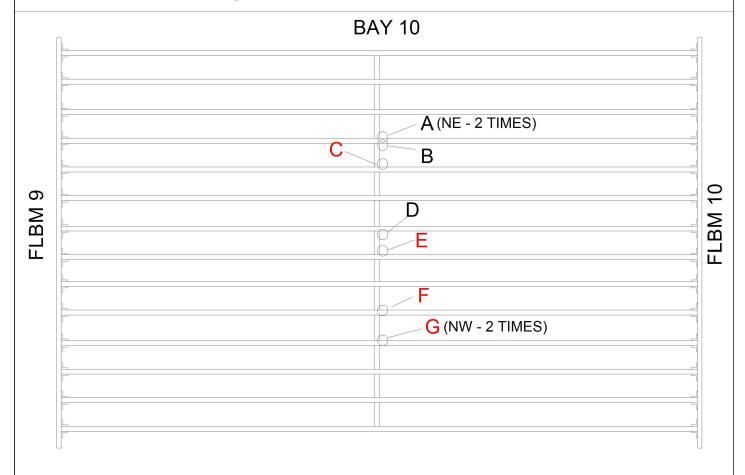
Title			Description			
STRINGER AND DIAPHRAGM BAY 8		BAY8 STRINGER & DIAPHRAGM				
	Bridge No: 640013	dge No: 640013 Drawn By: DRB		Date: 5/27/2008	File Name: S0190000340	



- A. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN NORTHH SIDE OF STR4 2" REPAIRED
  B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 2" REPAIRED
- B. CRACKED ABOVE WELD AT DIAPHRAGM CONN IN SOUTH SIDE OF STR4 2" 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

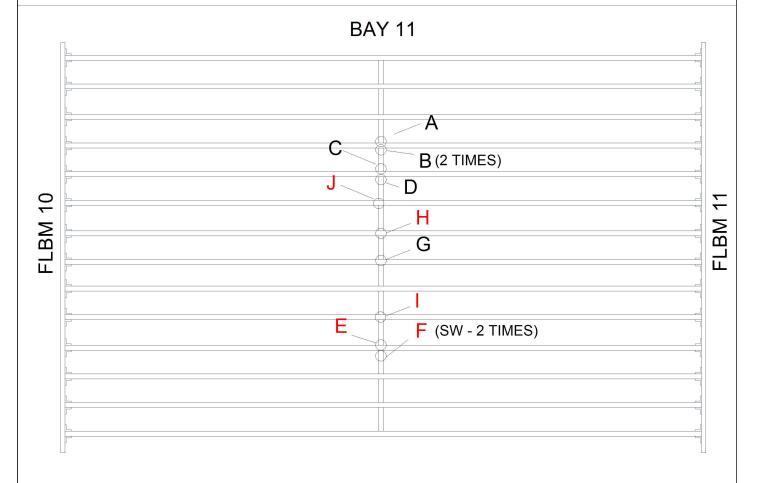
Title			Description		
STRINGER AND DIAPHRAGM BAY 9		BAY9 STRINGER AND DIAPHRAGM			
Bridge No: 640013 Drawn By: DRB			Date: 5/27/2008	File Name: S0190000341	



- 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

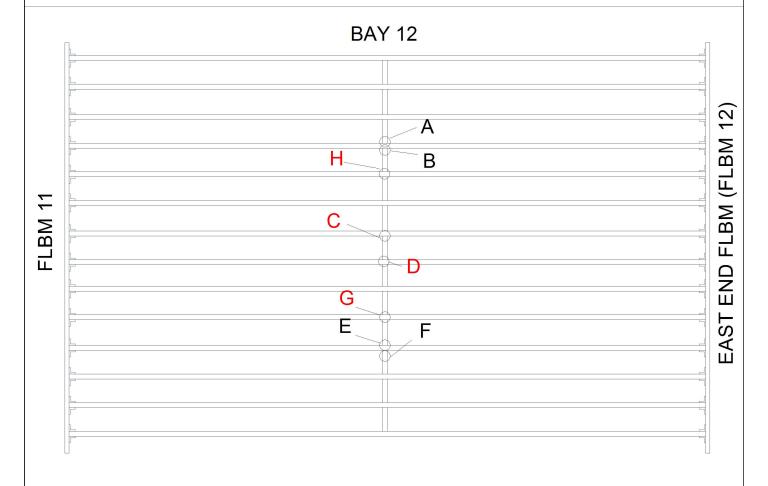
TitleDescriptionSTRINGER AND DIAPHRAGM BAY10BAY10 STRINGER AND DIAPHRAGM



- 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" PROPIGATED 1/8" PAST ARREST HOLE
- F. CRACK IN WELD AT DIAPHRAGM CONN AT SOUTH SIDE OF STR11 5/16" (5) TOTAL ~1/8" CRACKS PROPIGATING 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



- 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

TitleDescriptionSTRINGER AND DIAPHRAGM BAY12BAY12 STRINGER AND DIAPHRAGM

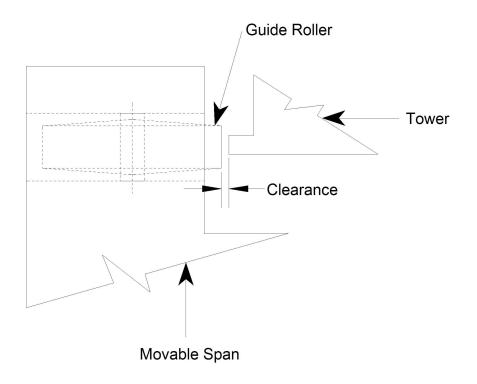
Bridge No: 640013 Drawn By: DRB Date: 5/27/2008 File Name: S0190000344

# LIFT SPAN COMPONENTS AND CONDITIONS

Title		Description			
LIFT SPAN COMPONENT	S	LIFT SPAN COMPONENTS			
Bridge No:	Drawn By:		Date:	File Name:	

Bridge No: 640013 Drawn By: JHD Date: 2/1/2018 File Name: S0374000366

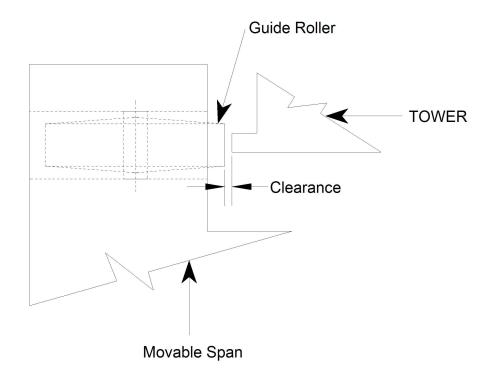
#### Upper Guide Roller - West



	Clearance	Comment
South Side	1"	
North Side	3/16"	Track has 1/4" dent from impact with roller

Title		Description		
UPPER ROLLER GUIDE V	VEST END	UPPER GUIDE ROLLER WEST END		
Bridge No: 640013 Drawn By: WC VERIFIED 3/4/21		1 JRW	Date: 03/27/2006	File Name: S0186000016

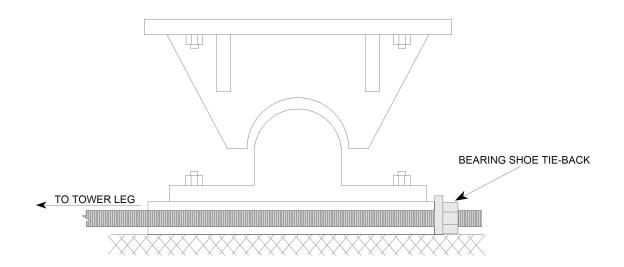
### Lower Guide Roller - West



	Clearance	Comment
South Side	5/16"	WHEEL TURNS FREELY
North Side	1/2"	WHEEL TURNS FREELY

Title			Description			
LOWER GUIDE ROLLER WEST			LOWER GUIDE ROLLER WEST END			
Bridge No:	640013	Drawn By: WC	VERIFIED 3/4/21	JRW	Date: 03/27/2006	File Name:S0186000017

### FIXED BEARING EAST END



### North Side

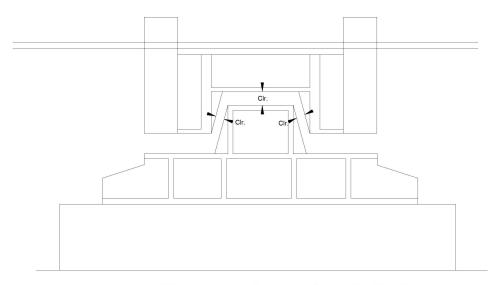
Bearing shoe/saddle dry w/ surfcace rust Shoe anchored to tower leg

### South Side

Bearing shoe/saddle dry w/ surfcace rust Shoe anchored to tower leg

NO CHANGE: KEITH PROCTOR ON 20-DEC-2021

Title		Description			
FIXED BEARING EAST END		FIXED SHOE EAST END			
Bridge No: 640013	Drawn By: WC		Date: 05/22/2006	File Name: \$0186000023	



#### 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

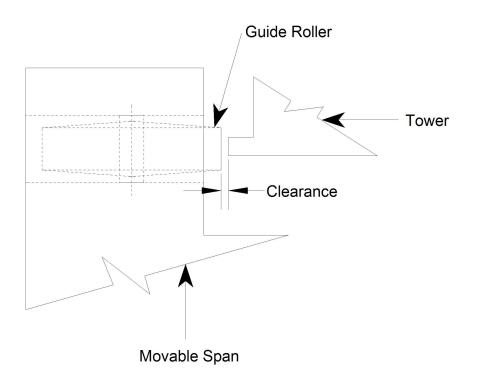
Left	1/8"
Тор	1-3/4"
Right	3/8"

### Centering Shoe Guide Clearances

Left	1/4"
Тор	3/4"
Right	1/8"

Title			Description		
transverse centering shoe			transve	erse centering shoe	
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21	JRW	Date: 05/22/2006	File Name:S0186000024

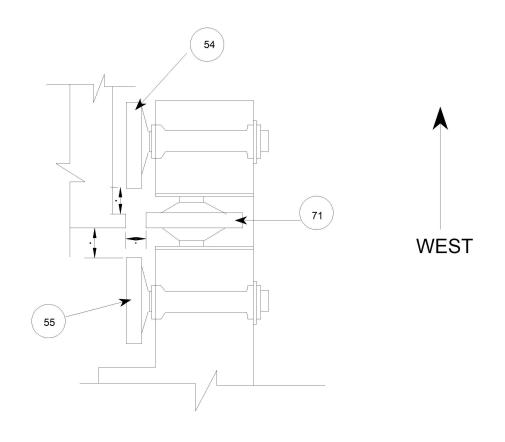
### Upper Guide Roller - East



	Clearance	Comment
South Side	7/8"	
North Side	1/4"	

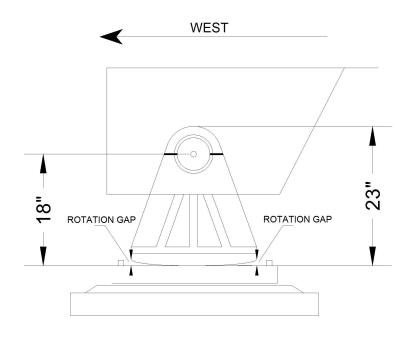
Title			Descri	ption	
upper guide roller east end	d		upper g	guide roller east end	
Bridge No: 640013	Drawn By: WC	VERIFIED 3/4/21	JRW	Date: 05/22/2006	File Name: \$0186000025

### 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			Description		
LOWER GUIDE ROLLERS EAST END			LOWER GUIDE ROLLERS EAST END		
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21	JRW	Date: 05/22/2006	File Name: \$0186000026



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

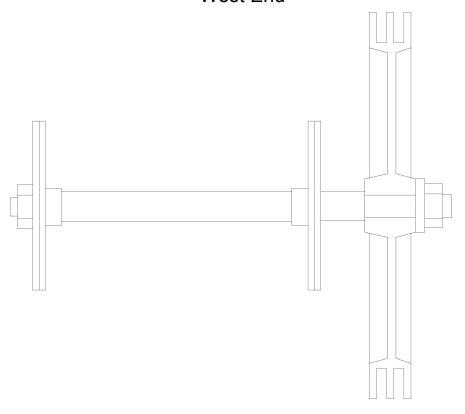
NO CHANGE: KEITH PROCTOR ON 20-DEC-2021 [SEE 2021 WIGINS ELEMENT NOTES FOR FURTHER DETAILS]

 Title
 Description

 SPAN 18 ROCKER BEARING
 ROCKER BEARING WEST END

 Bridge No: 640013
 Drawn By: WC
 Date: 03/27/2006
 File Name: \$0186000015

# 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

Bridge No: 640013

Drawn By: WC

VERIFIED 3/4/21 JRW

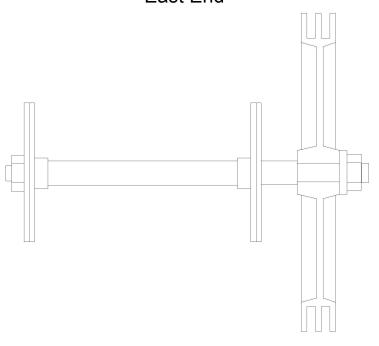
Description
auxiliary counterweight sheave
west end

VERIFIED 3/4/21 JRW

Date: 05/22/2006

File Name: \$0186000027

# 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

Bridge No: 640013

Drawn By: WC VERIFIED 3/4/21 JRW

Description

Auxiliary counterweight sheave east end

VERIFIED 3/4/21 JRW

Date: 05/22/2006

File Name: \$0186000028

### UPPER BUFFER CYLINDERS



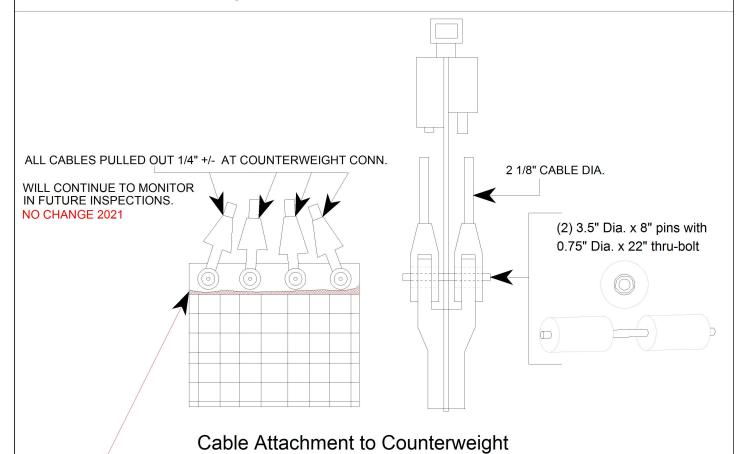
#### AIR BUFFERS REPLACED WITH BUMP STOPS 2019

Title			Descri	ption	
upper buffer cylinder - VOID			upper buffer cylinders		
Bridge No: 640013	Drawn By: WC	REVISED 6/27/19	JRW	Date: 05/22/2006	File Name:S0186000029



### LOWER AIR BUFFERS HAVE BEEN REMOVED

Title			Description		
lower buffer cylinders - VOID		lower buffer cylinders			
Bridge No: 640013	Drawn By: WC VERIFIED 3/14/16 JR	RW	Date: 05/22/2006	File Name: S0186000030	



**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)

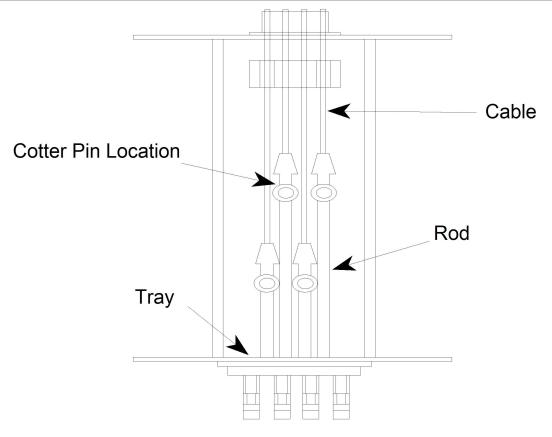
#### ALL CABLES REPLACED WITH NEW IN 2012

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			Description cable attachment to counterwei		
cable attachment to counte	erwe.		ght		
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21 J	RW	Date: 05/22/2006	File Name:S0186000031



**ALL REPLACED WITH NEW 2012** 

East End

2017 - GOOD CONDITION

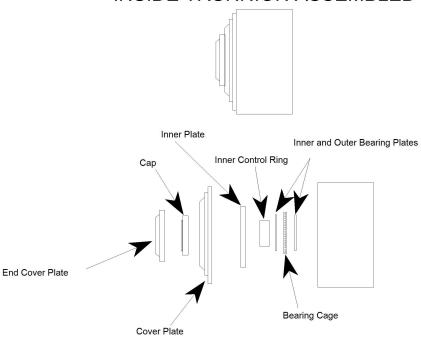
West End

2017 - GOOD CONDITION

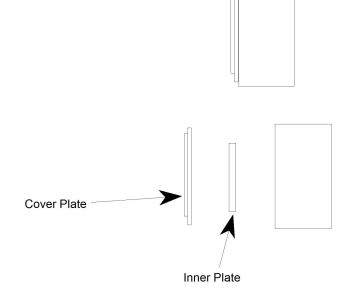
Title	Description
cable attachment	cable attachment

ridge No: 640013 Drawn By: WC VERIFIED 3/14/17 JRW Date: 05/22/2006 File Name: \$0186000032

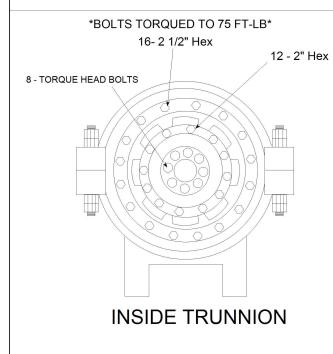
### **INSIDE TRUNNION ASSEMBLED**

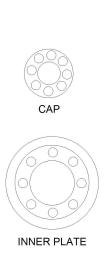


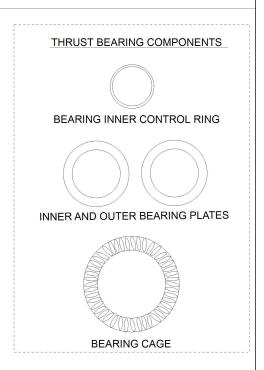
### **OUTSIDE TRUNNION ASSEMBLED**



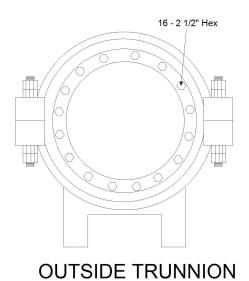
Title		Description			
TRUNNION ASSEMBLY		INSIDE AND OUTSIDE TRUNNIONS			
Bridge No: 640013	Drawn By: JAF	Date: 4/7/2008	File Name:S0194000213		







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)





		v				
Title			Description			
TRUNNION PARTS LIST			INSIDE & OUTSIDE TRUNNIONS			
Bridge No: 640013	Drawn By: JAF VERIFIED 3/4/21 JRW		Date: 4/3/2008	File Name: S0194000212		

# MOVEABLE BRIDGE MACHINERY

Title
MOVABLE BRIDGE MACHINERY

Description

MOVABLE BRIDGE MACHINERY

Bridge No: 640013

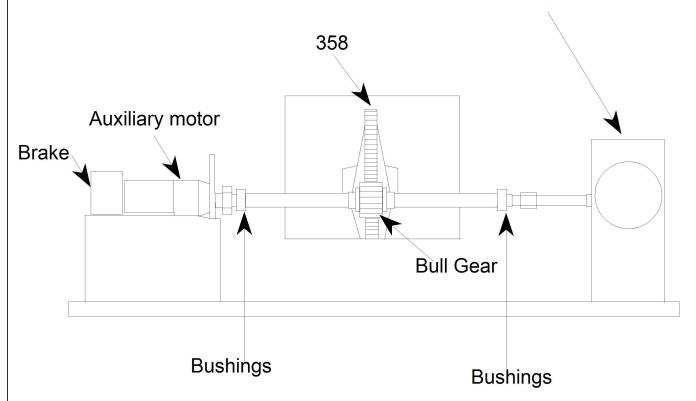
Drawn By: BC

Date: 2/22/2010

File Name: S0038000741

### Auxiliary Drive Assembly - East & West Towers

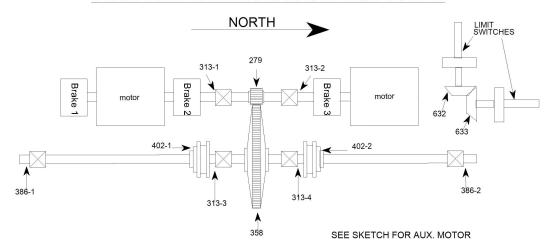
Mechanical lift height indicator



FAIR CONDITION 2020 - MINOR SURFACE RUST ON BRAKE DRUMS

Title De			Description		
New Auxiliary Motor East & West Tower			Machinery Auxiliary Motor		
Bridge No: 640013	Drawn By: JAF	VERIFIED 3/4/21	JRW	Date: 4/2/2008	File Name: \$0194000207

#### PLAIN VIEW OPERATING MACH. EAST TOWER



#### **GEARS**

PIECE NO. NO. TEETH PITC		PITCH	TCH P.A.		OR.CHORD	MEAS.CHORD THICK.		
PIECE NO.	PIECE NO. NO. TEETH PIT	PITCH	IICH F.A.	ADD.	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

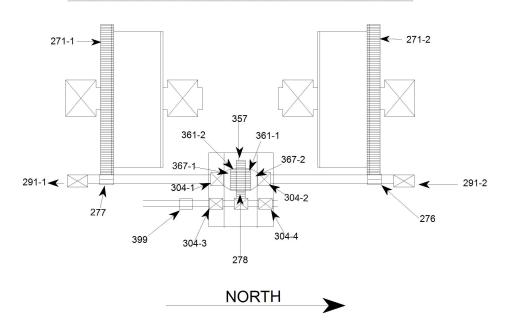
PIECE NO.	MEAS. CLEAR.	сомм.	PIECE NO.	MEAS. CLEAR.	сомм.
386-1	0.013 @ 10:00 0 @ 4:00	WELL LUBED	313-2	0.016 @ 12:00 0 @ 6:00	WELL LUBED
386-2	0.019 @ 12:00 0 @ 6:00	WELL LUBED	313-3	0.005 @ 12:00 0.008 @ 6:00	WELL LUBED
313-1	0.013 @ 6:00 0.007 @ 12:00	WELL LUBED	313-4	0.020 @ 11:00 0 @ 5:00	WELL LUBED

PART	COMMENTS
402-1	COMPRESSED SPRING MEASURMENT VARIES 2" OR LESS (BOLTS REPLACED 2019)
402-2	COMPRESSED SPRING MEASURMENT 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			plan v	Description plan view - operating machiner y east tower		
Bridge No: 64001	Drawn By:	WC	REVISED 3/4/21 JRW	Date: 03/27/2006	File Name: S0186000010	

#### EAST TOWER OPERATING MACHINERY NORTH SIDE



#### **GEARS**

#### GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

					9		<b>-</b>				
Piece No.	No Teeth	Pitch	P. A.	Original Chord	Original Chord		Measured Chord Thick.			Root/Tip Clearance	Comments
1 1000 140.	No. reeur	ritori	1 . A.	Addend.	Thickness	Left	Center	Right	Backlash	1000 Tip Clearance	Comments
271-1	240	2.5 ср	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	2.5ср	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

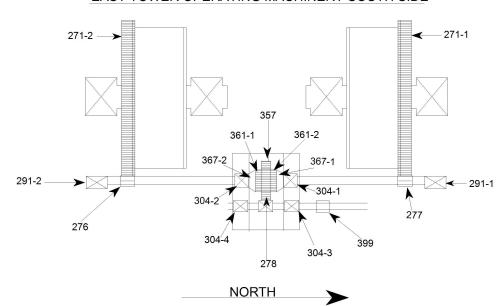
#### SEE INSP. REPORT FOR GEAR NOTES.

304-1		CANNOT READ	304-4		CANNOT READ
291-2	0 @ 12:00, 0.029 @ 6:00		304-3		CANNOT READ
291-1	0 @ 12:00, 0.025 @ 6:00		304-2		CANNOT READ
PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS

PART	COMMENTS

Title OP.MAC.EAST TOWER N	ORTHSIDE		Description PLAN VIEW - OPERATING MACHINER Y EAST TOWER-NORTHSIDE			
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21	JRW	Date: 03/27/2006	File Name: S0186000011	

#### EAST TOWER OPERATING MACHINERY SOUTH SIDE



#### **GEARS**

#### GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

							O				
Piece No.	No. Teeth	Pitch	P. A.	Original Chord	Original Chord		Measured Chord Thick.			D4/Tin Ol	Comments
i iece ivo.	No. reeur	i iton	1 . A.	Addend.	Thickness	Left	Center	Right	Backlash	Root/Tip Clearance	Comments
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

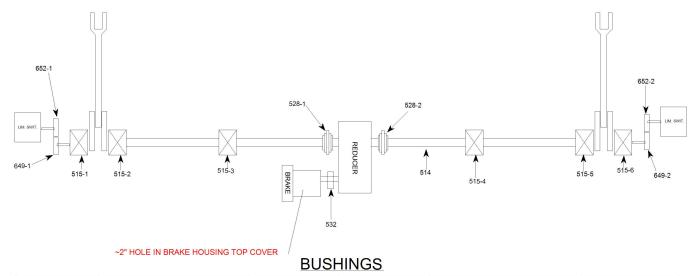
SEE INSP. REPOR FOR GEAR NOTES.

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 EASTTOWERS	SOUTHSIDE		Description PLAN VIEW - OPERATING MACHINER Y EAST TOWER SOUTH SIDE			
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21			File Name: \$0186000012	

### LOCK MACHINERY - WEST END



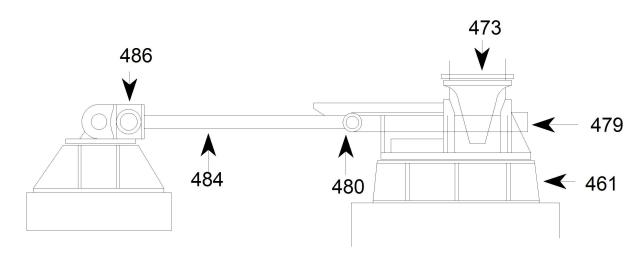
PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
515-1	0.015 @ 11:00 0 @ 5:00		515-4	0.017 @ 12:00 0 @ 6:00	
515-2	0.013 @ 11:00 0 @ 5:00		515-5	0.015 @ 12:00 0 @ 6:00	
515-3	0.012 @ 1:00 0 @ 7:00		515-6	0.010 @ 12:00 0 @ 6:00	

#### **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			Description			
WEST LOCK MACHINER	Υ		PLAN VIEW WEST LOCK MACHINERY			
Bridge No: 640013	Drawn By: WC	REVISED 3/4/21	JRW	Date: 03/27/2006	File Name: \$0186000013	

### WEST END LOCK



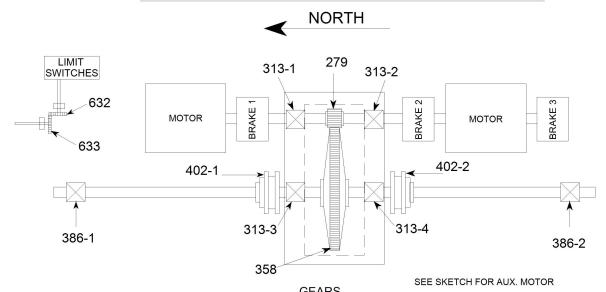
PIECE NO.	SOUTH SIDE	NORTH SIDE
461	ANCHOR BOLTS & NUTS REPAIRED	ANCHOR BOLTS & NUTS REPAIRED
473	GOOD CON.	GOOD CON.
479	LUBE GOOD	LUBE GOOD
480	GOOD CON.	GOOD CON.
484	GOOD CON.	GOOD CON.
486	GOOD CON.	GOOD CON.

#### Lock Shaft Clearances

	North	South
Left	3/4"	5/8"
Center	3/8"	1/4"
Right	1/4"	3/8"

Title		Description		
WEST TOWER LOCK MACHINERY		LOCK	MACHINERY WEST	ΓOWER
Bridge No: 640013	Drawn By: WC REVISED 3/4/21	JRW	Date: 03/27/2006	File Name: S0186000014

#### PLAN VIEW- OPERATING MACHINERY WEST TOWER



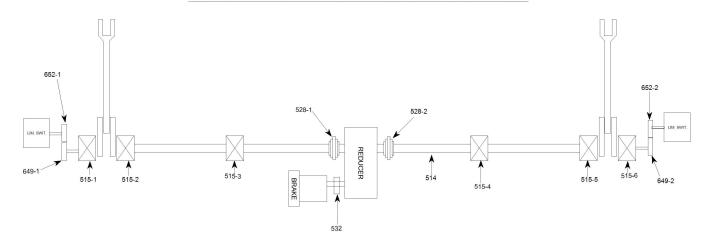
PIECE NO.	NO.TEETH	PITCH	P.A.	CHORD	CHORD THICK.	MEASURED THICK		COMMENT	
				ADEND	THICK.	LEFT	CENTER	RIGHT	COMMENT
279	17	1 1/2"C.P.	20 DEG	0.4947	0.7489	0.735	0.735	0.735	
358	120	1 1/2"C.P.	20 DEG	0.4800	0.7350	0.725	0.725	0.725	

PIECE NO.	MEASURED CLR.	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
	0 @ 1:00			0.018 @ 12:00	
386-1	0.013 @ 6:00 THRU 7:00		313-2	0 @ 6:00	
	0.013 @ 9:00			_	
386-2	0 @ 3:00		313-3	Cannot read	
	0.012 @ 5:00				
313-1	0.003 @ 11:00		313-4	Cannot read	

PART	COMMENT
402-1	COMPRESSED SPRING, MEAUREMENT VARIES 2" +/- (BOLTS REPLACED 2019)
402-2	COMPRESSED SPRING, MEAUREMENT 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: \$0186000018

### LOCK MACHINERY - EAST END

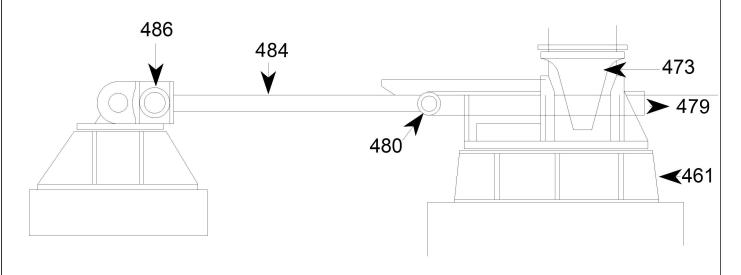


PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
	0.008 @ 3:00			0.008 @ 5:00	
515-1	0 @ 9:00		515-4	0 @ 11:00	
has become one	0.015 @12:00			0.021 @ 11:00	
515-2	0 @ 6:00		515-5	0 @ 5:00	
	0.010 @ 2:00			0.009 @ 3:00	
515-3	0 @ 8:00		515-6	0 @ 9:00	

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	Descri	ption wer lock machinery pla	an
east tower lock machinery	view	wer look machinery pi	
Bridge No: 640013 Drawn By: WC REVISED 3/4/21	JRW	Date: 05/22/2006	File Name: S0186000020

### EAST END LOCK



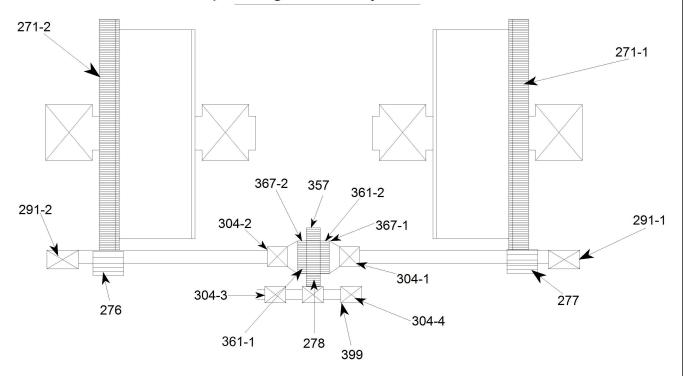
Piece No.	North Side	South Side
461	BASE HAS UP TO 100% SECTION LOST IN RANDOM AREAS THROUGHOUT - REPAIRED	GOOD
473	REPAIRED GOOD CON.	GOOD
479	GOOD CONDITION	GOOD
480	GOOD CONDITION	GOOD CONDITION
484	AREAS OF 1/4" DEEP SECTION LOST ADJ. TO 480 - CLEANED AND PAINTED	GOOD CONDITION
486	GOOD CONDITION	GOOD CONDITION

#### Lock Shaft Clearances

	North	South
Left	3/16"	1/2"
Center	1/4"	1/8"
Right	5/8"	5/8"

east tower lockmach.2 east tower lock machinery 2	Title		Descri	ption	
	east tower lockmach.2		east to	wer lock machinery 2	
Bridge No: 640013	Bridge No: 640013	Drawn By: WC REVISED 3/4/21 JRV	V	Date: 05/22/2006	File Name: S0186000021

### West Operating Machinery - South Side





#### **GEARS**

#### GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

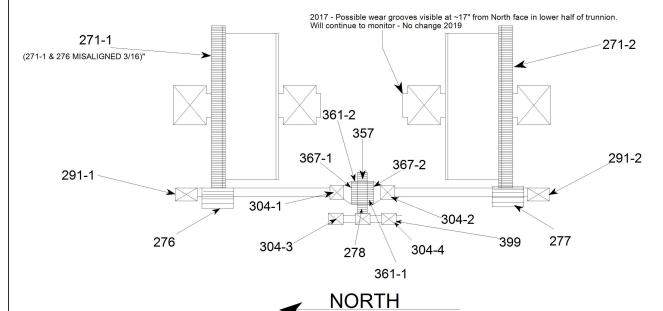
Piece No. No. Teeth		th Pitch	P. A.	Original Chord	Original Chard	Measured Chord Thick.			Backlash	Root/Tip Clearance	Comments
riece No. 1No. 1e	No. reem	FIGH	F. A.	Addend.	Thickness	Left	Center	Right	Dacklash	Root rip Clearance	Comments
271-1	240	2.5 cp	20 deg.	0.7972	1.2300	1.218	1.225	1.225	0.080	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		Descr WEST	iption TOWER OPERATING	3 MACHINERY
WEST TOWER OP. MACH	HINERY SOUTH		TH SIDE	3 W/ CHINEICH
Bridge No: 640013	Drawn By: MM	REVISED 3/4/21 JRW	Date: 06/05/2006	File Name:S0182000071

### West Operating Machinery - North Side



### GEARS

#### GEAR ASSEMBLIES ROCKING (MINOR) UNDER LL

Piece No.	No. Teeth	Pitch	P. A.	Original Chard	Original Chord		Measured Chord Thick.		Basidash Basidii Olassa		Comments
FIECE NO.	ece No. No. reetii Fitcii F.	F. A.	Addend.	Thickness	Left	Center	Right	Backlash	Root/Tip Clearance	Comments	
271-1	240	2.5 ср	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

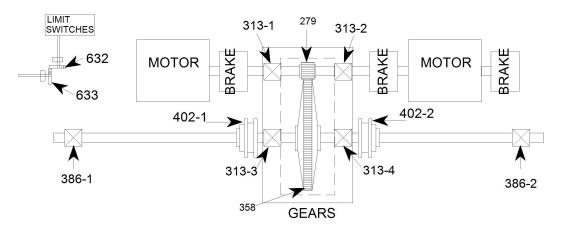
SEE INSP. REPORT FOR GEAR NOTES.

BUSHINGS					
PIECE NO.	MEASURED CLEARANCE	COMMENTS	PIECE NO.	MEASURED CLEARANCE	COMMENTS
291-1	0 @ 12:00 0.029 @ 6:00		304-2	Х	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			Description WEST TOWER OPERATING MACHINERY			
WEST TOWER OP MACH	IINERY NORTH		NORTH SIDE PLAN VIEW			
Bridge No: 640013	Drawn By: MM	REVISED 3/4/21	JRW	Date: 06/05/2006	File Name: S0182000072	

#### 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	.7480				X
358	120	1 1/2"C.P.	20 DEG	0.480			.73	)	X

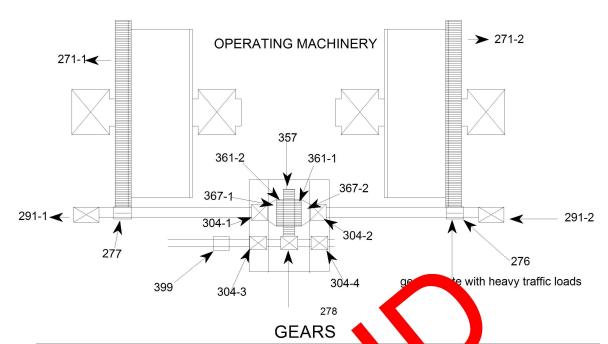
#### BUSH

PIECE NO.	MEASURED CLF	R.	ITSPIEC NO.	EASURED C	ARANCECOMMENTS
386-1	0.009	X	313-2	0 7	X
386-2	0.013	X	3-3	0.0	X
313-1	0.014	X	3-4	0.024	X

PART	COMENT						
402-1	COM ESSED SPRING, MEAUREMENT VARIES 1 15/16" +/-						
402-2	ESSED SPRING, MEAUREMENT VARIES 1 15/16" +/-						
BRAKE (3)	FAIR NDITION- 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 MAC	HINERY PLAN	<b>Descri</b> WEST VIEW	ption OPERATING MACHI	NERY PLAN
Bridge No: 640013 Drawn By: DRB			Date: 03/16/2006	File Name: S0182000042



piece no.	no. teeth	pitch	p.a.	or. chord add	or. chora ic.	eas ord thic.	comments
271-1	240	2.5cp	20deg	0.7972	1.25	1.2_0	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. 46	1.2482	1.234	gears are dry
276-2	17	2.5cp	20deg	0.8 6	1.2482	1.236	gears are dry
278	17	1.75cp	20deg	0.57	0.8/37	0.857	gears are dry
357	72	1.75cp	20u	2,562	0.8550	0.805	gears are dry
361-1	18	1.75cp	20deg	0.51	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		

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			



NORTH SIDE

GOOD CON.

some rust to 1/8"

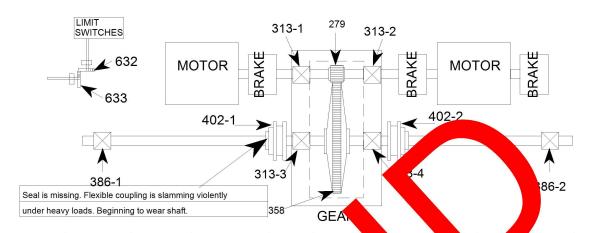
SOUTH SIDE

FAIR CON.

Front of base toward east tower barely moves up & down rust to 1/8" thick in areas.

Title			Description				
expansion shoe westend		expans	sion shoe west end				
Bridge No: 640013	Drawn By: WC Verified By JAF 3/3/10	0	Date: 05/22/2006	File Name: S0186000022			

#### PLAN VIEW- OPERATING MACHINERY WEST TOWER



PIECE NO.	NO.TEETH	PITCH	P.A.	CHORD AD	9	HORD 1	Γħ.	MF	RED THICK	COMMENT
279	17	1 1/2"C.P.	20 PT	1947		9		¥ ,/		X
358	120	1 1/2"C.P.	⊍EG	0.40	.7;			.720		X

#### BUSHIN

PIECE NO.	MEASURE	D CLI	CC	OMMENTS	SPIEC	1	Ο.	MEASURED CLEARANCE	COMMENTS
386-1	0.010		X		313-2			0.018	X
386-2	0.014				312			can't read	X
313-1	0.015		X		J13-4	1		can't read	X

PART	OMMENT						
402-1	CON SSE SPRING, MEAUREMENT VARIES 1 15/16" +/-						
402-2	COMPRESS PRING, MEAUREMENT 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			<b>Description</b> WEST OPERATING MACHINERY PLAN VIEW				
Bridge No: 640013 Drawn By: DRB			Date: 03/16/2006	File Name: \$0182000042			
	·						