

JOSH FRENCH

ATTENTION: MACHINERY INSPECTION AND SOUTH TRUNNIONS DISASSEMBLED AND INSPECTED ONLY. FRACTURE CRITICAL MEMBERS, FLOOR SYSTEM & MACHINERY MEMBERS TO BE INSPECTED IN MARCH 2018. GRADES ARE FOR MOVABLE SPAN MACHINERY ONLY.

Structure Safety Report

Fracture Critical and Machinery Element Inspection

COUNTY: NEW HANOVER STR	UCTURE NUMBER: 64	0013	FREQUENCY	: 24 MONTHS	
FACILITY CARRIED: US76,US421			MILE POST:		
LOCATION: 0.5 MI.E. JCT. US4					
FEATURE INTERSECTED: CAPE FEAR F	RIVER				
LATITUDE: 34° 13′ 38.74″	LONGITUI	DE: 77° 57' 6.82"		-	
SUPERSTRUCTURE: TRUSS LIFT SPA	N&RC DECK ON STL	GDRS.&PRESTR.CONC.GI	DRS.		
SUBSTRUCTURE: E.BTS:RC CAP/PILES	S;INT.BT:RCP&BLIFT	SPAN:RC PIERS			
SPANS: SEE PLANS					
FRACTURE CRITICAL TEMPO	ORARY SHORING	SCOUR CRITICAL	SCOUR	PLAN OF ACTION	
PRESENT CONDITION: Fair		INSPECTION DATE: 03/08/	/2017		
POSTED SV: Not Posted		POSTED TTST: Not Po	sted		
OTHER SIGNS PRESENT:					
			Sign notice	d	
			NO NO	WEIGHT LIMIT DELINEATORS	Number Required 0 0 0
			NO NO NO	WEIGHT LIMIT	Required 0
			NO NO	WEIGHT LIMIT DELINEATORS NARROW BRIDGE	Required 0 0 0 0 0
			NO NO NO DIRECTINSP	WEIGHT LIMIT DELINEATORS NARROW BRIDGE ONE LANE BRIDGE	Required 0 0 0 0 0 0
NORTH PROFILE			NO NO NO DIRECTINSP	WEIGHT LIMIT DELINEATORS NARROW BRIDGE ONE LANE BRIDGE LOW CLEARANCE CTION OF PECTION ECTION E-W ECTION	Required 0 0 0 0 0 0 0

Structure Element Scoring

Structure Number: 640013 Inspection Date 3/8/2017

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	181317	34793	23	146501	0
28	0	Steel Deck with Open Grid	Deck	24480	24430	50	0	0
107	0	Steel Open Girder/Beam	Beam	12418	0	12368	50	0
515	107	Steel Protective Coating	Beam	182003	172748	9079	48	128
109	0	Prestressed Concrete Open Girder/Beam	Beam	13067	12385	347	329	6
113	0	Steel Stringer	Stringers	5876	5459	403	14	0
515	113	Steel Protective Coating	Stringers	34798	34798	0	0	0
120	0	Steel Truss	Truss	940	927	3	10	0
152	0	Steel Floor Beam	Floor Beams	1054	572	470	12	0
515	152	Steel Protective Coating	Floor Beams	19591	19560	31	0	0
162	0	Steel Gusset Plate	Gusset Plate	52	0	47	5	0
515	162	Steel Protective Coating	Gusset Plate	52	52	0	0	0
205	0	Reinforced Concrete Column	Piles and Columns	78	55	9	14	0
215	0	Reinforced Concrete Abutment	Abutments	243	190	0	53	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	88	0	0	88	0
225	0	Steel Pile	Piles and Columns	39	26	0	13	0
231	0	Steel Pier Cap	Caps	210	210	0	0	0
515	231	Steel Protective Coating	Caps	4732	4732	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	2126	1324	133	669	0
301	0	Pourable Joint Seal	Expansion Joints	1749	58	0	0	1691
305	0	Assembly Joint without Seal	Expansion Joints	162	162	0	0	0
311	0	Movable Bearing	Bearing Device	304	17	277	10	0
515	311	Steel Protective Coating	Bearing Device	1012	644	351	10	7
313	0	Fixed Bearing	Bearing Device	288	27	228	33	0
515	313	Steel Protective Coating	Bearing Device	732	423	270	9	30
330	0	Metal Bridge Railing	Bridge Rail	3995	3651	288	56	0
515	330	Steel Protective Coating	Bridge Rail	3007	2238	462	285	22
333	0	Other Bridge Railing	Bridge Rail	5504	5485	17	2	0
515	333	Steel Protective Coating	Bridge Rail	120	120	0	0	0

Element Structure Maintenance Quantities

Structure Number: 640013 Inspection Date 03/08/2017

<u> </u>	50.0					.0000		
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	53	243	0	53	0	190
Beam	3306	Maintenance Concrete Superstructure Components	682	13067	6	329	347	12385
Beam	3314	Maintenance Steel Superstructure Components	12418	12418	0	50	12368	0
Beam	3342	Clean and Paint Steel	9255	182003	128	48	9079	172748
Bearing Device	3334	Bridge Bearing	548	592	0	43	505	44
Bearing Device	3342	Clean and Paint Steel	677	1744	37	19	621	1067
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	19	5504	0	2	17	5485
Bridge Rail	3322	Maintenance of Steel Bridge Rail	344	3995	0	56	288	3651
Bridge Rail	3342	Clean and Paint Steel	769	3127	22	285	462	2358
Caps	3342	Clean and Paint Steel	0	4732	0	0	0	4732
Caps	3348	Maintenance of Concrete Substructure	771	2126	0	669	133	1324
Caps	3354	Maintenance of Steel Substructure Components	0	210	0	0	0	210
Deck	3326	Maintenance of Concrete Deck	146524	181317	0	146501	23	34793
Deck	3330	Maintenance of Open Grid Steel Floor	50	24480	0	0	50	24430
Expansion Joints	3308	Maintenance of Steel Plate Joints	0	162	0	0	0	162
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	1691	1749	1691	0	0	58
Floor Beams	3314	Maintenance Steel Superstructure Components	12	1054	0	12	470	572
Floor Beams	3342	Clean and Paint Steel	31	19591	0	0	31	19560
Footing	3348	Maintenance of Concrete Substructure	88	88	0	88	0	0
Gusset Plate	3314	Maintenance Steel Superstructure Components	1	52	0	5	47	0
Gusset Plate	3342	Clean and Paint Steel	0	52	0	0	0	52
Piles and Columns	3348	Maintenance of Concrete Substructure	374	78	0	14	9	55
Piles and Columns	3354	Maintenance of Steel Substructure Components	13	39	0	13	0	26
Stringers	3314	Maintenance Steel Superstructure Components	12	5876	0	14	403	5459
Stringers	3342	Clean and Paint Steel	0	34798	0	0	0	34798
Truss	3314	Maintenance Steel Superstructure Components	10	940	0	10	3	927

Element Condition and Maintenance Data

Structure Number: 640013 Inspection Date: 03/08/2017

Span 1		Reinforced Concr	ete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete D	eck	4,303	1,067	0	3,236	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

5 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (54" X 0.012" DIAGONAL CRACK IN TOP OF DECK IN RIGHT WHEEL LINE OF OUTSIDE EASTBOUND LANE, APPROXIMATELY 5' FROM BENT 1, SEE PHOTO)

8 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (56" X 20" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 1)

3 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (23" X 14" X 4 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK ABOVE BENT 1, SEE PHOTO)

39" X 38" AREA OF CONCRETE SPILL OVER ON TOP OF DECK IN OUTSIDE EASTBOUND LANE NEAR MIDSPAN, APPROXIMATELY 5' FROM RIGHT CURB (SEE PHOTO)

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		70	60	10	0	0	Square Feet
330	Metal Bridge Railing		70	69	0	1	0	Feet
Element Number	Element Nam	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ra	ail							
Span 1		Steel Rail 3						

General Comments

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 6)

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 1		Fixed Bearing 1						
Fixed B	earing							
Element Number)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1		Movable Bearing	1					
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
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 8 1/2" X 5" AREA OF SCALING AND PACK RUST ON BOTH SIDES WITH 100% LOSS OF SECTION ON NUT ON LEFT SIDE OF BEARING)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (ON BOTH SIDES OF BEARING)
- 1 Each of Loss of Bearing Area: 10% or more but does not warrant structural review. (UP TO 1 9/16" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 26% LOSS OF BEARING, SEE PHOTO)

Span 1		Fixed Bearing 2						
Fixed B	earing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	0	0	1	Square Feet
311	Movable Bearing		1	0	0	1	0	Each
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	e Bearing							
Span 1		Movable Bearing	2					

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (7" X 5" AREA OF SCALING AND PACK RUST ON LEFT SIDE OF BEARING)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (ON LEFT SIDE OF BEARING)
- 1 Each of Loss of Bearing Area: 10% or more but does not warrant structural review. (UP TO 3/4" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 13% LOSS OF BEARING)

Span 1		Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1		Movable Bearing	3					
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	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Loss of Bearing Area: 10% or more but does not warrant structural review. (UP TO 3/4" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 13% LOSS OF BEARING)
- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST OF NUT ON LEFT SIDE OF BEARING)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) : {\bf Substantially}\ {\bf effective}.$

Span 1		Fixed Bearing 4						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating	g	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1		Movable Bearing	4					
Movable	e Bearing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	l	1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Loss of Bearing Area: Less than 10%. (UP TO 1/2" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 8% LOSS OF BEARING)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1		Prestressed Co	ncrete Gir	der 5				
Prestre	ssed Concrete G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	d Concrete Open Girder/Beam	68	67	0	1	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (6" X 5" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT MIDSPAN)

Span 1		Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Nai	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1		Movable Bearing	5					
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	

- 1 Each of Loss of Bearing Area: Less than 10%. (UP TO 1/2" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 8% LOSS OF BEARING)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1		Fixed Bearing 6						
Fixed B	earing							
Element Number	Element Nam	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1		Movable Bearing	6					
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	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1		Prestressed Co	oncrete Gird	der 7				
Prestre	essed Concrete Gi	rder						
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	67	0	1	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7 1/2" X 4 1/2" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM END BENT 1 CAP, SEE PHOTO)

Span 1		Fixed Bearing 7						
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		1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1		Movable Bearing	7					
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	

General Comments

- 1 Each of Loss of Bearing Area: Less than 10%. (UP TO 1/2" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 8% LOSS OF BEARING)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1		Fixed Bearin	ng 8					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1		Movable Bearing	8					
Movabl	e Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	9	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1		Fixed Bear	ing 9					
Fixed B	earing							
Element Number		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	oating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Span 1		Movable Bearing	9					
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Loss of Bearing Area: 10% or more but does not warrant structural review. (UP TO 1 3/8" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH 23% LOSS OF BEARING, SEE PHOTO)

¹ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Reinforced Concr	ete Decl	< 1				
Reinfor	ced Concrete Deck							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete De	eck	4,182	907	0	3,275	0 Square Fee	:
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3265 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1090 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

8 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (UP TO 0.03" TRANSVERSE CRACKS IN TOP OF DECK NEAR MIDSPAN IN EASTBOUND LANES)

6 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (43" X 20" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 1)

4 Square Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (27" X 20" AREA OF DELAMINATION WITH 19" X 12" X UP TO 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RIGHT OVERHANG BENEATH LIGHT STANCHION AT MIDSPAN, SEE PHOTO)

APPROXIMATELY 25' X 6" AREA OF CONCRETE SPILL OVER ON TOP OF DECK IN OUTSIDE EASTBOUND LANE

Span 2		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	47	18	3	0	Feet
515	Steel Protective Coating		68	50	0	15	3	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

- 15 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION IN VARIOUS LOCATIONS THROUGHOUT)
- 3 Feet of Damage: The element has impact damage. The specific damage caused by the impact has been captured in Condition State 2 under the appropriate material defect entry.
- 3 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (27" X UP TO 1/2" DISTORTION DUE TO IMPACT DAMAGE IN RIGHT FACE OF RAIL, APPROXIMATELY 5' FROM BENT 1 JOINT, SEE PHOTO)
- 15 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (IN VARIOUS LOCATIONS THROUGHOUT)
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENTS 5, 7 AND 8)

Span 2		Prestressed Con	crete Gire	der 1				
Prestres	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	36	28	4	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (6" X 5" X 1 1/2" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 30" FROM FACE OF BENT 2 CAP, SEE PHOTO)

PRIORITY MAINTENANCE: 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 4" X 1 1/2" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 18" FROM FACE OF BENT 2 CAP, SEE PHOTO)

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 3" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 11' FROM FACE OF BENT 1 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22.5' FROM FACE OF BENT 1 CAP)
- 30 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (34' SECTION OF SPALLS WITH EXPOSED REBAR UP TO 10" X 2 1/2" X 1/2" DEEP THROUGHOUT BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 20.5' FROM FACE OF BENT 1 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 6 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 26' FROM FACE OF BENT 1 CAP)
- 10" X 6" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN SPAN 3 FACE OF BENT 2 DIAPHRAGM IN BAY 1

Span 2 Movable	e Bearing	Movable Bearing	1					
Element Number	Element Nam	е	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
311515	Movable Bearing Steel Protective Coating		1	0	1	0	_	Each Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Bearing 1						
Fixed B	earing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Prestressed Co	oncrete Gird	der 2				
Prestre	essed Concrete Gir	der						
Elemen Numbei		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

General Comments

1 Feet of Exposed Rebar: Present without measurable section loss. (14" SECTION OF TWO (2) AREAS OF EXPOSED REBAR UP TO 6" X 2" IN BOTTOM OF GIRDER AT EMBEDDED PLATE AT BENT 2)

Span 2		Movable Bearing	2					
Movable	e Bearing							
Element Number		me	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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Bearing 2						
Fixed B	earing							
Element Number		е	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	3					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Beari	ng 3					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	4					
Movable	e Bearing							
Element Number		me	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
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Beari	ng 4					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	5					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Beari	ng 5					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	6					
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 2		Fixed Bearing 6						
Fixed B	earing							
Element Number	Element Nar	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Prestressed Cor	ncrete Gird	der 7				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	55	11	2	0 Feet	
Element Number	Defect Type	Defect Description	ı		CS (CS Qty	Maint Qty	

General Comments

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (16" X UP TO 2 1/2" X UP TO 2 1/2" SPALL AND AREA OF HONEYCOMBING IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE, APPROXIMATELY 22" FROM FACE OF BENT 1 CAP)

10 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (10' SECTION OF TEN (10) SPALLS WITH EXPOSED REBAR UP TO 6" DIAMETER X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24" FROM FACE OF BENT 1 CAP, SEE PHOTO)

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 6" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 18' FROM FACE OF BENT 1 CAP)

Span 2		Movable Bearing	7					
Movable	e Bearing							
Element Number	Element Nan	ne	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

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
515	Steel Protective Coa	ting	1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 2		Fixed Beari	ng 7					

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	8					
Movable	e Bearing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Fixed Bearing 8						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2		Movable Bearing	9					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 2		Fixed Bearing 9						
Fixed B	earing							
Element Number		me	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 1 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.}$

Span 2		Standard Joint 1						
Standar	d Joint							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal		54	0	0	0	54 Feet	
Element Number	Defect Type	Defect Description			CS C	CS Qty	Maint Oty	

General Comments

12 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 1 JOINT, CONDITION IN OUTSIDE EASTBOUND LANE SHOWN IN PHOTO)

42 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 1 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 3		Reinforced Concr	ete Deck	: 1				
Reinfor	ced Concrete Deck							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		4,182	910	0	3,272	0 Sc	quare Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3265 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1090 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 4 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (UP TO 44" X 0.03" TRANSVERSE CRACKS IN TOP OF DECK NEAR MIDSPAN IN OUTSIDE EASTBOUND LANE)
- 10 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (38" X 0.03" DIAGONAL CRACKS IN TOP OF DECK, IN RIGHT WHEEL LINE OF OUTSIDE EASTBOUND LANE, APPROXIMATELY 5' FROM BENTS 2 AND 3)
- 5 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (36" X 20" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 2)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (6" X 4" X 1" DEEP SPALL WITH 1" DIAMETER X FULL DEPTH HOLE IN DECK IN BAY 6, ADJACENT TO GIRDER 7, APPROXIMATELY 16' FROM FACE OF BENT 2 CAP, SEE PHOTO)
- 1 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (12" X 6" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK AT BENT 3)
- 1 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (8" DIAMETER AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG APPROXIMATELY 6" FROM EDGE OF DECK AT BENT 2)

APPROXIMATELY 30' X 9" AREA OF CONCRETE SPILL OVER ON TOP OF DECK IN OUTSIDE EASTBOUND LANE

Span 3		Steel Rail 3						
Steel R	ail							
Element Number 330		3	Total Qty 68	CS1 Qty 63	CS2 Qty 0	CS3 Qty 5	CS4 Qty 0	Feet
515	Steel Protective Coating		68	63	0	0	5	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

5 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT RAIL POST ATTACHMENTS 5 THRU 9, CONDITION AT RAIL POST ATTACHMENT 9 SHOWN IN PHOTO)

5 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENTS 5 THRU 9)

Span 3		Movable Bearing	1					
Movable	e 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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bearing 1						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Concrete Girder 2								
Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed C	oncrete Open Girder/Beam	68	61	6	1	0 Feet			
Element Number	Defect Type	Defect Description	on		cs c	S Qty	Maint Qty			

- 1 Feet of Patched Area: Patched area that is sound. (13" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 2 CAP)
- 4 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4' SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 8" X 3" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24' FROM FACE OF BENT 2 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (14" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 29' FROM FACE OF BENT 2 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (8" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT MIDSPAN)

Span 3		Movable Bearing	2					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Beari	ng 2					
Fixed B	earing							
Element Number		it Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Co	oncrete Gird	der 3							
Prestre	Prestressed Concrete Girder										
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 68	CS1 Qty 67	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Feet				
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty				

General Comments

1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (9" X 3" X 1/2" DEEP FAILED REPAIR AND SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 31" FROM FACE OF BENT 3 CAP, SEE PHOTO)

Span 3		Movable Bearing	3					
Movable	e Bearing							
Element Number	Element Name	9	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 umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bearing 3						
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Co	ncrete Gird	der 4							
Prestre	Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	66	0	2	0 Feet				
Element Number	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty				

General Comments

2 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (8" X UP TO 0.01" LONGITUDINAL CRACKS AND 13" X 9" AREA OF DELAMINATION IN BOTTOM OF GIRDER, APPROXIMATELY 21" FROM FACE OF BENT 3 CAP)

Span 3		Movable Bearing	4					
Movable	e Bearing							
Element Number	Element Na	me	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Co	oncrete Gird	der 5				
Prestre	essed Concrete Gi	der						
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	64	1	3	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

General Comments

3 Feet of Delamination/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (31" X 11" X 3 1/2" AREA OF DELAMINATION IN FAILED REPAIR WITH UP TO 0.013" LONGITUDINAL CRACKS IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE, APPROXIMATELY 14" FROM FACE OF BENT 3 CAP, SEE PHOTO)

¹ Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 2" X 1/4" DEEP SPALL WITH EXPOSED

REBAR IN RIGHT FACE OF BOTTOM CHAMFER AT FACE OF BENT 3 CAP)

Span 3 Movable Bearing 5 Movable Bearing CS4 Element Total CS1 CS2 CS3 Number Element Name Qty Qty Qty Qty Qty 311 Movable Bearing 0 0 0 Each 515 Steel Protective Coating 0 0 0 1 Square Feet Element Maint Defect Type **Defect Description** CS CS Qty Number Qty

General Comments

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (8 1/2" X 5" AREA OF SCALING AND PACK RUST IN LEFT SIDE OF BEARING, SEE PHOTO)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (ON LEFT SIDE OF BEARING)

Span 3		Fixed Bearing 5						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	•		Bearing 6					
Movabl	e Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bear	ing 6					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Con	crete Gird	der 7				
Prestres	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	66	0	2	0 Feet	
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty	

General Comments

1 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (7" X 3" AREA OF DELAMINATION WITH UP TO 0.02" MAP CRACKING IN LEFT FACE OF BOTTOM FLANGE AT END OF GIRDER AT BENT 2, SEE PHOTO)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (13" X 5" X 3/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 32" FROM FACE OF BENT 3 CAP)

Span 3		Movable Bearing	7					
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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bearing 7						
Fixed B	earing							
Element Number		lame	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Movable Bearing	8				
Movable	e Bearing						
Element Number		lame	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

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bearing 8						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Prestressed Cor	crete Gir	der 9				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	Concrete Open Girder/Beam	68	63	5	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

1 Feet of Patched Area: Patched area that is sound. (12" X 5" X 2" REPAIR WITH UP TO 0.02" TRANSVERSE AND HORIZONTAL CRACKS IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE, APPROXIMATELY 26' FROM FACE OF BENT 2 CAP)

4 Feet of Patched Area: Patched area that is sound. (40" X 14" X 7" REPAIR IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE WITH UP TO 0.01" LONGITUDINAL CRACKS AT FACE OF BENT 3 CAP)

Span 3		Movable Bearing	9					
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Fixed Bearing	9					
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 Coati	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3		Standard Jo	oint 1					
Standa	rd Joint							
Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301 Element	Pourable Joint Sea Defect Type	Defect Descr	54	0	0 CS (0 CS Qty	54 Feet Maint	
Number	Defect Type	Defect Descr	ription		CS (55 Qty	Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 2 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 4		Reinforced Conci	rete Decl	k 1				
Reinfor	ced Concrete Deck							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		4,182	947	0	3,235	0 Square F	-eet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 12 Square Feet of Delamination/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (71" X 24" FAILED REPAIR WITH UP TO 7" X 4" AREAS OF DELAMINATION IN TOP OF DECK ALONG BENT 3 JOINT, APPROXIMATELY 14' FROM LEFT CURB)
- 5 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (UP TO 41" X 0.03" DIAGONAL CRACKS IN TOP OF DECK IN RIGHT WHEEL LINE OF OUTSIDE EASTBOUND LANE, APPROXIMATELY 5' FROM BENT 3)
- 5 Square Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (DIAGONAL HAIRLINE CRACK WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAY 8, APPROXIMATELY 2' FROM FACE OF BENT 3 CAP)
- 7 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (63" X 16" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 4)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (17" X 6" X UP TO 3" DEEP SPALL IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK ABOVE BENT 4)

2 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (20" X 18" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK AT BENT 4)

Span 4		Steel Rail 3						
Steel Ra	ail							
Element Number 330	Element Nam Metal Bridge Railing	е	Total Qty 68	CS1 Qty 27	CS2 Qty 40	CS3 Qty 1	CS4 Qty 0	
515	Steel Protective Coating		68	19	0	48	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 2 Feet of Damage: The element has impact damage. The specific damage caused by the impact has been captured in Condition State 2 under the appropriate material defect entry.
- 2 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (UP TO 2" DISTORTION TO THE WEST DUE TO IMPACT DAMAGE OF RAIL POSTS 4 AND 5 NEAR MIDSPAN, CONDITION AT POST 4 SHOWN IN PHOTO)
- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT RAIL POST ATTACHMENT 9)
- 38 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT RAIL EXTENDING FROM BENT 3 JOINT)
- 10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 38 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (EXTENDING FROM BENT 3 JOINT)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENT 9)

Span 4		Prestressed Concrete Girder 1								
Prestre	ssed Concrete Gird	ler								
Element Number		lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed Co	oncrete Open Girder/Beam	68	67	1	0	0 Feet			
lement lumber	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty			

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 3" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 13' FROM FACE OF BENT 4 CAP)

Span 4		Prestressed Cor	ncrete Gir	der 3				
Prestre	ssed Concrete G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 3" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 3 CAP)

Span 4		Prestressed Con	crete Gir	der 4				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	Concrete Open Girder/Beam	68	60	8	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

8 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (8' SECTION OF EIGHT (8) SPALLS WITH EXPOSED REBAR UP TO 7" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 21" FROM FACE OF BENT 3 CAP)

Span 4		Prestressed Con	crete Gir	der 5				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	65	0	0	3 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 3 Feet of Exposed Prestressing: The condition warrants a structural review to determine the effect on strength or serviceability of the element or bridge. (33" X 10" X 3 1/2" FAILED REPAIR WITH 14" X 5" X 2" DEEP SPALL WITH EXPOSED STRAND AND 10" X 100% LOSS OF STRAND IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE, APPROXIMATELY 10" FROM FACE OF BENT 4 CAP, SEE PHOTO)

Span 4		Movable Bearing	1					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Fixed Bearing 1						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Movable Bearing	2					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Fixed Bearing	g 2					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Fixed Bearin	ng 3					
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coar	ing	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descri	iption		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Fixed Bear	ing 4					
Fixed B	earing							
Element Number		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	oating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Movable Bearing	5					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Fixed Bearing 5	5					
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coation	ng	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (8 1/2" X 7" AREA OF SCALING AND PACK RUST IN LEFT SIDE OF BEARING)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (ON LEFT SIDE OF BEARING)

Span 4		Movable Bearing	6					
Movable	e Bearing							
Element Number	Element Nam	•	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Movable Bearing	7					
Movabl	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	1	0	0 Square I	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Movable Bearing	8					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Movable Bearing	9					
Movable	e Bearing							
Element Number		9	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 4		Standard Jo	oint 1					
Standa	rd Joint							
Element Number 301		Element Name Seal	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 3 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 5		Reinforce	d Concrete Deck	: 1				
Reinfor	ced Concrete Deck							
Element Number 12		ement Name crete Deck	Total Qty 4,182	CS1 Qty 949	CS2 Qty 0	CS3 Qty 3,233	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 1 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (13" X 6" FAILED REPAIR WITH 8" X 6" X 1" DEEP SPALL IN TOP OF DECK NEAR MIDSPAN IN OUTSIDE EASTBOUND LANE, SEE PHOTO)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (19" X 3" X 1/2" DEEP SPALL IN TOP OF DECK NEAR MIDSPAN IN OUTSIDE EASTBOUND LANE)
- 11 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (66" X 22" FAILED REPAIR WITH UP TO 31" X 4" X 4 1/2" DEEP SPALL IN TOP OF DECK ALONG BENT 4 JOINT, APPROXIMATELY 14' FROM LEFT CURB)
- 2 Square Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (20" X 17" AREA OF DELAMINATION WITH UP TO 16" X 10" X 1 1/2" DEEP SPALLS WITH EXPOSED REBAR IN BOTTOM OF RIGHT OVERHANG BENEATH LIGHT STANCHION AT MIDSPAN)
- 9 Square Feet of Patched Areas: Patched area that is sound. (42" X 30" PATCH IN BOTTOM OF DECK IN BAY 7, APPROXIMATELY 26' FROM FACE OF BENT 4 CAP, SEE PHOTO)
- 6 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (3' X 2' AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAY 8, ADJACENT TO GIRDER 9, AT BENT 4)

APPROXIMATELY 25' X 7" AREA OF CONCRETE SPILL OVER ON TOP OF DECK IN OUTSIDE EASTBOUND LANE

Span 5		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	64	0	4	0	Feet
515	Steel Protective Coating		68	65	0	0	3	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT RAIL POST ATTACHMENTS 3, 4 AND 5)
- 1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 6)
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENTS 3, 4 AND 5)

Span 5		Movable Bearing	1					
Movable	e Bearing							
Element Number	Element Nam	ne	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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing 1						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Prestressed Concrete Girder 2									
Prestre	Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	34	30	4	0 Feet				
Element Number	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty				

General Comments

9 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (12' SECTION OF NINE (9) SPALLS WITH EXPOSED REBAR UP TO 9" X 3" X 1/2" DEEP AND UP TO 0.007" LONGITUDINAL CRACKS IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 6' FROM FACE OF BENT 4 CAP)

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (8" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 14' FROM FACE OF BENT 4 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 2 X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 24' FROM FACE OF BENT 4 CAP)
- 9 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (9' SECTION OF NINE (9) SPALLS WITH EXPOSED REBAR UP TO 12" \times 2" \times 1/2" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)
- 11 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (10' SECTION OF 13 SPALLS WITH EXPOSED REBAR UP TO 14" X 2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 11' FROM FACE OF BENT 5 CAP)
- 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (30" SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 9" X 7" X 1" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 6" FROM FACE OF BENT 5 CAP)

Span 5		Movable Bearing	2					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing	g 2					
Fixed B	earing							
Element Number		it Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ing	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable Bearing	3					
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
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing 3						
Fixed B	earing							
Element Number		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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable B	earing 4					
Movable	e Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Beari	ing 4					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Prestressed Concrete Girder 5									
Prestre	essed Concrete Gir	der									
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed 0	Concrete Open Girder/Beam	68	64	0	4	0 Feet				
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty				

General Comments

4 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (22" X 5" X 2" AREA OF DELAMINATION WITH UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS AND 21" X 4" X 2 1/2" SPALL IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE AT FACE OF BENT 5 CAP, SEE PHOTO)

Span 5		Movable Bearing	5					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing 5						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable Bearing	6					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing 6	;					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable Bearing	7					
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Beari	ing 7					
Fixed B	earing							
Element Number		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	pating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable Bearing	8					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Fixed Bearing	8					
Fixed B	earing							
Element Number	Elemen	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Movable Bearing	9					
Movable	e 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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

ement umber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	,	Each
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 5		Fixed Bea	ring 9					

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 5		Standa	ard Joint 1					
Standa	rd Joint							
Element Number 301		Element Name nt Seal	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect	Description		CS	CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 4 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 6		Reinforced	Concrete Deck	: 1				
Reinfor	ced Concrete Deck							
Element Number 12		nt Name Deck	Total Qty 4,182	CS1 Qty 957	CS2 Qty 0	CS3 Qty 3,225	CS4 Qty 0 Square F	eet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	

General Comments

3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

12 Square Feet of Patched Area: Patched area that is sound. (74" X 22" REPAIR IN TOP OF DECK ALONG BENT 5 JOINT EXTENDING FROM RIGHT CURB, SEE PHOTO)

1 Square Feet of Patched Area: Patched area that is sound. (14" X 6" REPAIR IN TOP OF DECK ALONG BENT 6 JOINT, APPROXIMATELY 3' FROM LEFT CURB)

12 Square Feet of Patched Area: Patched area that is sound. (20" X 12" REPAIR IN TOP OF DECK ALONG BENT 6 JOINT, APPROXIMATELY 11' FROM RIGHT CURB)

Span 6		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nar	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	64	0	4	0	Feet
515	Steel Protective Coating		68	64	0	0	4	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

4 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT RAIL POST ATTACHMENTS 2, 3, 4 AND 5)

4 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENTS 2, 3, 4 AND 5)

Span 6		Prestressed Cor	ncrete Gir	der 1				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 3" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 19' FROM FACE OF BENT 6 CAP)

Span 6 Movable	e Bearing	Movable Bearing	1					
Element Number 311	Element Na Movable Bearing	me	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 1						
Fixed B	earing							
Element Number	Element Name	9	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 10% LOSS OF SECTION IN NUT AND WASHER PLATE ON LEFT SIDE OF BEARING

Span 6		Prestressed Con	crete Gir	der 2				
Prestres	sed Concrete Girder							
Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Conc	ete Open Girder/Beam	68	65	0	3	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (5' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 16" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 22' FROM FACE OF BENT 5 CAP)

Span 6		Movable Bearing 2	2					
Movable	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing	g 2					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Movable Bearing	3					
Movable	e Bearing							
Element Number	Element Na	ıme	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bea	ring 3					
Fixed B	earing							
Element Number		ment 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
lement Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Movable Bearing	4					
Movabl	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 4						
Fixed B	earing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Prestressed Co	ncrete Gir	der 5				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	Concrete Open Girder/Beam	68	32	0	36	0 Feet	
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	

General Comments

36 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (36' SECTION OF SPALLS WITH EXPOSED REBAR UP TO 13" X 4" X 1/2" DEEP THROUGHOUT BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 26' FROM FACE OF BENT 5 CAP)

Span 6		Movable Bearing	5					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Prestressed Concrete Girder 6										
Prestre	ssed Concrete Gird	er										
Element Number												
109	Prestressed Co	oncrete Open Girder/Beam	68	67	1	0	0 Feet					
Element Number	Defect Type	Defect Descript	ion		CS (CS Qty	Maint Qty					

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 2" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN RIGHT FACE OF BOTTOM CHAMFER, 4" FROM END OF GIRDER AT BENT 5)

Span 6		Movable Bearing	6					
Movable	e 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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 6						
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		1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Prestressed Co	ncrete Gird	der 7							
Prestre	Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	64	4	0	0 Feet				
Element Number	Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty				

General Comments

4 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (8' SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 7" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24.5' FROM FACE OF BENT 5 CAP)

Span 6		Movable Bearing	7					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 7						
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		1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Movable Bearing	8					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 8						
Fixed B	earing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Movable Bearing	9					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Fixed Bearing 9						
Fixed B	Bearing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 6		Standard Joint 1						
Standa	rd Joint							
Element Number 301		ame	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 12 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 5 JOINT)
- 42 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 5 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 7		Reinforced Concrete Deck 1						
Reinfor	ced Concrete Deck							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		3,721	802	0	2,919	0 Square Fee	t
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

2905 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 970 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 4 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.(UP TO 51" X 0.03" TRANSVERSE CRACKS IN TOP OF DECK IN OUTSIDE EASTBOUND LANE, APPROXIMATELY 6' FROM BENT 7)
- 1 Square Feet of Patched Area: Patched area that is sound. (16" X 8" REPAIR IN TOP OF DECK ALONG BENT 6, APPROXIMATELY 3' FROM LEFT CURB)
- 4 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (24" X 20" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 6)
- 3 Square Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (DIAGONAL HAIRLINE CRACK WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAY 8, APPROXIMATELY 5' FROM FACE OF BENT 7 CAP)
- 2 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (18" X 16" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF RIGHT OVERHANG ALONG EDGE OF DECK AT BENT 7)
- 8 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF LEFT OVERHANG AND ALONG EDGE OF DECK AT BENT 6)

Span 7		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		61	41	20	0	0	Feet
515	Steel Protective Coating		61	41	0	20	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 20 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION IN VARIOUS LOCATIONS THROUGHOUT)
- 20 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (IN VARIOUS LOCATIONS THROUGHOUT)

Span 7		Movable Bearing	1					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Beari	ng 1					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	2					
Movabl	e Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	9	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bearing 2							
Fixed B	earing								
Element Number		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	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty		

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	3					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Prestressed Cor	crete Gir	der 4				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	60	59	1	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining. (10" HORIZONTAL HAIRLINE CRACK WITH EFFLORESCENCE IN RIGHT FACE OF BOTTOM FLANGE, EXTENDING FROM BEARING AT BENT 7)

Span 7		Movable Bearing	4					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bearing 4						
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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Prestressed Co	oncrete Gird	der 5				
Prestre	essed Concrete Gire	der						
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	concrete Open Girder/Beam	60	59	1	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (8" X 2" X 2" SPALL IN LEFT CORNER OF BOTTOM FLANGE AT END OF GIRDER AT BENT 7)

Span 7		5						
Movable	e Bearing							
Element Number	Element Nam	ie	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	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (8 1/2" X 5" AREA OF SCALING AND PACK RUST IN LEFT SIDE OF BEARING)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (ON LEFT SIDE OF BEARING)

Span 7		Fixed Bearing 5						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	6					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bearing 6						
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	7					
Movable	e Bearing							
Element Number	Element Nai	me	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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bear	ring 7					
Fixed B	earing							
Element Number		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
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	8					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Fixed Bearing 8	3					
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 Description	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Movable Bearing	9					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

ement umber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing							
Span 7		Fixed Bearing						

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 7		Standard Joint 1						
Standa	rd Joint							
Element Number 301		t Name	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 10 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 6 JOINT)
- 44 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 6 JOINT)
- 54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 8	8 Reinforced Concrete Deck 1										
Reinfor	Reinforced Concrete Deck										
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
12	Reinforced Concrete Deck		4,182	945	10	3,227	0	Square Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty				

- 3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 1 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (20" X 5" FAILED REPAIR WITH 5" X 4" X 1/2" DEEP SPALL IN TOP OF DECK NEAR MIDSPAN IN OUTSIDE EASTBOUND LANE)
- 6 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.(UP TO 44" X 0.04" DIAGONAL CRACKS IN TOP OF DECK IN RIGHT WHEEL LINE OF OUTSIDE EASTBOUND LANE, APPROXIMATELY 5' FROM BENT 8)
- 3 Square Feet of Delamination: Delaminated. (25" X 15" AREA OF 15" X 10" AND 11" X 7" REPAIRS AND 19" X 12" AREA OF DELAMINATION IN BOTTOM OF RIGHT OVERHANG BENEATH LIGHT STANCHION AT MIDSPAN, SEE PHOTO)
- 2 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (20" X 9" AREA OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 9" X 4" X 1/2" DEEP IN BOTTOM OF DECK IN BAY 4, APPROXIMATELY 15.5' FROM BENT 8, SEE PHOTO)
- 1 Square Feet of Exposed Rebar: Present without measurable section loss. (15" X 9" AREA OF TWO (2) AREAS OF EXPOSED REBAR UP TO 9" X 2" IN BOTTOM OF DECK IN BAY 5, APPROXIMATELY 17.5' FROM BENT 8)
- 7 Square Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (DIAGONAL HAIRLINE CRACK WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAY 8, APPROXIMATELY 5' FROM FACE OF BENT 8 CAP)
- 2 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (24" X 10" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK AT BENT 8)

Span 8		Steel Rail 3						
Steel R	ail							
Element Number		•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	32	35	1	0	Feet
515	Steel Protective Coating		68	9	20	38	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT POST ATTACHMENT AT POST 1)
- 35 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION IN VARIOUS LOCATIONS THROUGHOUT)
- 20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT, CONDITION NEAR MIDSPAN SHOWN IN PHOTO)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENT 1)
- 38 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (IN VARIOUS LOCATIONS THROUGHOUT)

Span 8		Prestressed Co	ncrete Gird	der 1				
Prestre	ssed Concrete G	Birder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	d Concrete Open Girder/Beam	68	66	2	0	0 Feet	
Element Number	Defect Type	Defect Description	า		CS C	CS Qty	Maint Qty	

General Comments

- 1 Feet of Exposed Rebar: Present without measurable section loss. (13" X 2 1/2" AREA OF EXPOSED REBAR IN LEFT FACE OF TOP CHAMFER AT BENT 7)
- 1 Feet of Exposed Rebar: Present without measurable section loss. (16" X 1" AREA OF EXPOSED REBAR IN LEFT FACE OF TOP CHAMFER AT BENT 8)

Span 8		Movable Bearing	1					
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	

- 1 Each of Loss of Bearing Area: Less than 10%. (UP TO 9/16" MOVEMENT OF BEARING TO EAST BEYOND MASONRY PLATE WITH UP TO 9% LOSS OF BEARING)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 1						
Fixed B	earing							
Element Number	Element Nam	ne e	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Prestressed Con	crete Gir	der 2				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	61	4	3	0 Feet	
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty	

General Comments

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (9" X 7" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 17' FROM FACE OF BENT 7 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" DIAMETER X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 24' FROM FACE OF BENT 7 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (8" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 26' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 4" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 16' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (9" X 7" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 13' FROM FACE OF BENT 8 CAP)

Span 8		Movable Bearing	2					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearin	ng 2					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Prestressed Cond	crete Gir	der 3				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	61	4	3	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (8" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 21' FROM FACE OF BENT 7 CAP)
- 2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (2' SECTION OF SPALLS WITH EXPOSED REBAR UP TO 8" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)
- 1 Feet of Patched Area: Patched area that is sound. (4" DIAMETER REPAIR WITH UP TO 1" X 0.007" CRACKS IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (9" X 7" REPAIR WITH UP TO 1 1/2" X 0.007" CRACKS IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (10" X 7" REPAIR WITH UP TO 4" X 0.01" CRACKS IN BOTTOM OF GIRDER, APPROXIMATELY 19' FROM FACE OF BENT 8 CAP, SEE PHOTO)
- 1 Feet of Patched Area: Patched area that is sound. (7" X 7" REPAIR WITH UP TO 2" X 0.007" CRACKS IN BOTTOM OF GIRDER, APPROXIMATELY 18' FROM FACE OF BENT 8 CAP)

Span 8		Movable Bearing	3					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Nam	ne	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 Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Movable Bearing	4					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 4						
Fixed B	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	ng	1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Prestressed Concrete Girder 5									
Prestre	ssed Concrete Gi	rder									
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	63	1	1	3 Feet				
Element Number	Defect Type	Defect Description	า		CS	CS Qty	Maint Qty				

General Comments

PRIORITY MAINTENANCE: 3 Feet of Exposed Prestressing: The condition warrants a structural review to determine the effect on strength or serviceability of the element or bridge. (27" X 20" X UP TO 3" DEEP FAILED REPAIR AND SPALL WITH EXPOSED STRAND AND REBAR WITH 10" X 100% LOSS OF STRAND IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE AT BENT 8, SEE PHOTO)

1 Feet of Patched Area: Patched area that is sound. (20" X 10" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 26" FROM FACE OF BENT 8 CAP)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 44" FROM FACE OF BENT 8 CAP)

Span 8		Movable Bearing	5					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8 Fixed B	earing	Fixed Bear	ring 5					
Element Number 313		nt Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0	•
515	Steel Protective Coa	ating	1	0	1	0	_	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Prestressed Concrete Girder 6									
Prestre	ssed Concrete Gird	der									
Element Number	per Element Name Qty Qty Qty Qty Qty										
109	Prestressed C	oncrete Open Girder/Beam	68	67	1	0	0 Feet				
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty				

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (7" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM FACE OF BENT 7 CAP)

Span 8		Movable Bearing	6				
Movable	e Bearing						
Element Number		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

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 6						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8	Prestressed Concrete Girder 7									
Prestre	ssed Concrete Gir	der								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed (Concrete Open Girder/Beam	68	64	2	2	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (1' SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 6" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 13' FROM FACE OF BENT 7 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (17" X 10" REPAIR IN BOTTOM OF GIRDER AT MIDSPAN)
- 1 Feet of Spall/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (8 1/2" X 6" FAILED REPAIR WITH 3" X 2" X 1/8" DEEP SPALL IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (6 1/2" X 5 1/2" FAILED REPAIR WITH 6" X 3 1/2" X 1/4" DEEP SPALL IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 8 CAP)

Span 8		Movable Bearing	7					
Movable	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 7						
Fixed B	earing							
Element Number	Element Nam	ne	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 Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Movable Bearing	8					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 8						
Fixed B	Bearing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8	an 8 Prestressed Concrete Girder 9								
Prestre	essed Concrete Gir	der							
Elemen Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestressed C	Concrete Open Girder/Beam	68	66	2	0	0 Feet		
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty		

General Comments

2 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (2' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 7" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 13' FROM FACE OF BENT 7 CAP)

Span 8		Movable Bearing	9					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Fixed Bearing 9						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 8		Standard Jo	int 1					
Standa	rd Joint							
Element Number 301		Element Name Seal	Total Qty 56	CS1 Qty 2	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 7 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 9		Reinforced Conci	rete Deck	c 1				
Reinfor	ced Concrete Deck							
Element Number		е	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		3,721	813	0	2,908	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	_

General Comments

2905 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

970 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (23" X 4" AREA OF DELAMINATION WITH UP TO 1/16" CRACKS IN TOP OF DECK ALONG BENT 8 JOINT IN INSIDE WESTBOUND LANE, SEE PHOTO)

- 1 Square Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 5" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK IN BAY 5, APPROXIMATELY 13' FROM BENT 9)
- 3 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 30" X 8" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK AT BENTS 8 AND 9)

Span 9		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nam	ıe	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		61	60	0	1	0	Feet
515	Steel Protective Coating		61	50	10	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT POST ATTACHMENT 1)
- 1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 1)
- 10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENT 1)

Span 9		Prestressed C	oncrete Gird	der 1				
Prestre	essed Concrete Gird	er						
Element Number	-	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	ncrete Open Girder/Beam	60	58	0	2	0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

General Comments

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (22" SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 11" X 9" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 7' FROM FACE OF BENT 9 CAP)

Span 9		Movable Bearing	1					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 1						
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	9	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Movable Bearing	2					
Movable	e Bearing							
Element Number	Element Na	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 2						
Fixed B	earing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Each of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (BROKEN ANCHOR BOLT ON RIGHT SIDE OF BEARING, SEE PHOTO)

Span 9		Movable Bearing	3					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing	3					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Movable Bearing 4							
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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bear	ing 4					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9	Prestressed Concrete Girder 5									
Prestre	essed Concrete Gir	der								
Elemen Numbei	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed (Concrete Open Girder/Beam	60	50	4	6	0 Feet			
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty			

FROM FACE OF BENT 8 CAP)

- 1 Feet of Patched Area: Patched area that is sound. (7" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM FACE OF BENT 9 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (5" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 17' FROM FACE OF BENT 9 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (19" X 11" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 14' FROM FACE OF BENT 9 CAP)
- 6 Feet of Delamination/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (69" X 20" AREA OF DELAMINATION WITH UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS IN BOTTOM AND RIGHT FACE OF BOTTOM FLANGE AND 46" X 20" DELAMINATED REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 1' FROM FACE OF BENT 9 CAP, SEE PHOTO)

Span 9		Movable Bearing	5					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 5						
Fixed B	earing							
Element Number		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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Movable Bearing	6					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 6						
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	I	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Movable Bearing	7					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 7						
Fixed B	earing							
Element Number		ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Movable Bearing 8							
Movable	e Bearing								
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
311	Movable Bearing		1	0	1	0	0	Each	
515	Steel Protective Co	pating	1	0	1	0	0	Square Feet	
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty		

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 8						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9	9 Prestressed Concrete Girder 9										
Prestre	essed Concrete Gire	der									
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed C	Concrete Open Girder/Beam	60	40	9	11	0 Feet				
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty				

General Comments

PRIORITY MAINTENANCE: 2 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (18" X 7" X 2 1/2" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN FAILED REPAIR AND 6" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 14' FROM FACE OF BENT 8 CAP, SEE PHOTO)

PRIORITY MAINTENANCE: 2 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (16" X 13" X 1 1/2" DEEP SPALL WITH EXPOSED STRANDS AND REBAR IN FAILED REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 16' FROM FACE OF BENT 8 CAP, SEE PHOTO)

PRIORITY MAINTENANCE: 2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (24" X 15" X 2" DEEP SPALL WITH EXPOSED STRANDS AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 19' FROM FACE OF BENT 8 CAP, SEE PHOTO)

- 3 Feet of Patched Area: Patched area that is sound. (26" X 10" X 5" PRIORITY MAINTENANCE REPAIR IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE AT BENT 8, SEE PHOTO)
- 2 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (20" X 20" AREA OF FAILED REPAIR, DELAMINATION AND UP TO 0.025" LONGITUDINAL CRACKS AND MAP CRACKS IN BOTTOM OF GIRDER, APPROXIMATELY 4' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (5" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 6' FROM FACE OF BENT 8 CAP)
- 2 Feet of Patched Area: Patched area that is sound. (20" X 16" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 8' FROM FACE OF BENT 8 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 4" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 10' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (9" X 7" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 10' FROM FACE OF BENT 8 CAP)
- 1 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (10" X 5" FAILED REPAIR AND AREA OF DELAMINATION WITH 6" X 2" X 1/4" DEEP SPALL IN BOTTOM OF GIRDER, APPROXIMATELY 11' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (13" X 10" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 12' FROM FACE OF BENT 8 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (9" X 8" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 13'

FROM FACE OF BENT 8 CAP)

1 Feet of Delamination/Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (16" X 9" REPAIR WITH 8" X 7" AREA OF DELAMINATION IN BOTTOM OF GIRDER, APPROXIMATELY 17' FROM FACE OF BENT 8 CAP)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (14" X 12" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM FACE OF BENT 9 CAP)

Span 9		Movable Bearing	9					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Fixed Bearing 9						
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		1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 9		Standard Jo	oint 1					
Standar	rd Joint							
Element Number 301		lement Name Seal	Total Qty 56	CS1 Qty 2	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 8 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 10)	Reinforced Conci	rete Decl	x 1				
Reinfor	ced Concrete Deck							
Element Number		:	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		4,182	957	0	3,225	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

Span 10		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	65	0	3	0	Feet
515	Steel Protective Coating		68	40	25	0	3	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 3 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH AREAS OF UP TO 100% LOSS OF SECTION AT RAIL POST ATTACHMENTS 4, 5 AND 9)
- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 9)
- 25 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENTS 4, 5 AND 9)

Span 1	0	Prestressed C	Concrete Gird	der 1				
Prestre	essed Concrete Gir	der						
Element Number								
109	Prestressed (Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Exposed Rebar: Present without measurable section loss. (24" X 1" AREA OF EXPOSED REBAR IN LEFT FACE OF TOP CHAMFER AT BENT 10)

Span 10)	Movable Bearing	1				
Movable	e Bearing						
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing		1	0	1	0	0 Each
515	Steel Protective Coat	ng	1	0	1	0	0 Square Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bearing 1						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10	0	Prestressed Cor	ncrete Gir	der 2				
Prestre	ssed Concrete Gi	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	65	3	0	0 Feet	
Element Number	Defect Type	Defect Description	ı		cs	CS Qty	Maint Qty	

General Comments

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (29' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" DIAMETER X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 19' FROM FACE OF BENT 9 CAP)

311 515	Movable Bearing Steel Protective Coating		1	0	1	0	o o	Each Square Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	e Bearing							
Span 10)	Movable Bearing	2					

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10		Fixed Bearing 2					
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	9	1	0	1	0	0 Square Feet
lement Jumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	0	Prestressed Concrete Girder 3								
Prestre	ssed Concrete Gi	-der								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed (Concrete Open Girder/Beam	68	48	14	6	0 Feet			
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty			

General Comments

- 13 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (15' SECTION OF 16 SPALLS WITH EXPOSED REBAR UP TO 12" X 2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 17' FROM FACE OF BENT 10 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" DIAMETER X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 12' FROM FACE OF BENT 10 CAP)
- 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (30" SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 10" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 78" FROM FACE OF BENT 10 CAP)
- 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (29" SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 10" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 18' FROM FACE OF BENT 10 CAP)

Span 10)	Movable Bearing	3					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bearing 3						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 10	0	Movable Bearing	4					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bearing 4						
Fixed B	earing							
Element Number	Element Na	me	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Prestressed C	oncrete Gird	der 5				
Prestre	ssed Concrete Gir	der						
Element Number 109	I	Element Name concrete Open Girder/Beam	Total Qty 68	CS1 Qty 67	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 10 CAP)

Span 10)	Movable Bearing	5					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bearing 5						
Fixed B	earing							
Element Number		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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Movable Bearing	6					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10	0	Fixed Bearing 6						
Fixed B	earing							
Element Number		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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	0	Prestressed Con	crete Gir	der 7				
Prestre	ssed Concrete Gire	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	oncrete Open Girder/Beam	68	66	2	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

2 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (18" SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 7" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 22' FROM FACE OF BENT 10 CAP)

Span 10)	Movable Bearing	7					
Movable	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bearing 7						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Prestressed Concrete Girder 8							
Prestre	ssed Concrete Gir	der							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestressed (Concrete Open Girder/Beam	68	55	9	4	0 Feet		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (1' SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 8" X 7" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 7' FROM FACE OF BENT 9 CAP)
- 3 Feet of Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (3' SECTION OF THREE (3) FAILED REPAIRS WITH UP TO 10" X 6" X 1/2" DEEP SPALLS WITH EXPOSED REBAR IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 14' FROM FACE OF BENT 9 CAP)
- 12 Feet of Spall/Patched Area: Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. (12' SECTION OF UP TO 13" X 6" REPAIRS AND 5" DIAMETER X 1/2" DEEP SPALL IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 10' FROM FACE OF BENT 9 CAP)
- 8" X 5 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN SPAN 10 FACE OF BENT 10 DIAPHRAGM IN BAY 8

Span 10)	Movable Bearing	8					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Fixed Bea	ring 8					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10)	Prestressed Concrete Girder 9							
Prestre	ssed Concrete Gi	rder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestressed	Concrete Open Girder/Beam	68	40	17	11	0 Feet		
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty		

General Comments

PRIORITY MAINTENANCE: 2 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (18" X 9" FAILED REPAIR WITH 14" X 6" X 1" DEEP SPALL WITH EXPOSED STRAND AND REBAR AND 5" X 4" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 12' FROM FACE OF BENT 9 CAP, SEE PHOTO)

PRIORITY MAINTENANCE: 5 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (60" X 20" AREA OF FAILED REPAIR WITH 23" X 9" X 1 1/2" DEEP AND 14" X 10" X 1" DEEP SPALLS WITH EXPOSED STRANDS AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 18' FROM FACE OF BENT 9 CAP, SEE PHOTO)

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (1' SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 5" DIAMETER X 1/2" DEEP IN BOTTOM OF GIRDER, APPROXIMATELY 7' FROM FACE OF BENT 9 CAP)
- 3 Feet of Patched Area: Patched area that is sound. (30" SECTION OF REPAIRS UP TO 6" X 6" IN BOTTOM OF GIRDER, APPROXIMATELY 9' FROM FACE OF BENT 9 CAP)
- 3 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (FOUR (4) AREAS OF FAILED REPAIRS WITH UP TO 9" X 2" X 1/4" DEEP SPALLS WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 14' FROM FACE OF BENT 9 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (5" X " REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 9 CAP)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (1' SECTION OF SPALLS WITH EXPOSED REBAR UP TO 10" X 5" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 25' FROM FACE OF BENT 9 CAP)

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (30" SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 12" X 2" X 1/4" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)

5 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (7' SECTION OF FIVE (5) SPALLS WITH EXPOSED REBAR UP TO 9" X 3 1/2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 21.5' FROM FACE OF BENT 10 CAP)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" DIAMETER X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 11' FROM FACE OF BENT 10 CAP)

3 Feet of Exposed Rebar: Present without measurable section loss. (26" X 1" AREA OF EXPOSED REBAR IN LEFT FACE OF TOP CHAMFER AT BENT 10, SEE PHOTO)

Span 10) e Bearing	Movable Bearing	g 9					
Element Number	•	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	

General Comments

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 10	0	Fixed Bearing 9						
Fixed B	Bearing							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

¹ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	0	Standard Joi	int 1					
Standa	rd Joint							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Join	t Seal	54	0	0	0	54 Feet	
Element Number	Defect Type	Defect Descri	ption		cs c	CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 9 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

Span 1	1	Reinforced Conc	rete Decl	k 1				
Reinfor	ced Concrete Deck							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Dec	k	4,182	947	0	3,235	0 Square Fee	ŧt
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3225 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1075 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (TWO (2) UP TO 21" X 2" FAILED REPAIRS IN TOP OF DECK NEAR MIDSPAN IN INSIDE EASTBOUND LANE)

10 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF LEFT OVERHANG AND ALONG EDGE OF DECK AT BENT 10)

APPROXIMATELY 25' X 11" AREA OF CONCRETE SPILL ON TOP OF DECK IN OUTSIDE EASTBOUND LANE

Span 11		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	67	0	1	0	Feet
515	Steel Protective Coating		68	48	20	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 8)

20 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 1	1	Prestressed Co	ncrete Gird	der 1				
Prestre	ssed Concrete G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	d Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Description	n		CS (CS Qty	Maint Qty	

General Comments

1 Feet of Exposed Rebar: Present without measurable section loss. (17" X 3" AREA OF EXPOSED REBAR IN RIGHT FACE OF TOP CHAMFER AT BENT 11)

Span 11		Movable Bearing	1					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Beari	ng 1					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11	1	Prestressed C	oncrete Gird	der 2				
Prestres	ssed Concrete Gird	der						
Element Number 109	E	Element Name oncrete Open Girder/Beam	Total Qty 68	CS1 Qty 67	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (11" X 10" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 9" FROM FACE OF BENT 11 CAP)

Span 11	l	Movable Bearing	2					
Movable	e 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		1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Bearing 2						
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
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11	l	Movable Bearing	3					
Movable	e Bearing							
Element Number	Element Name	Э	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 umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Bearing	3					
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	1	Prestressed Co	oncrete Gird	der 4				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	65	1	2	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 14' FROM FACE OF BENT 10 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (8" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 31' FROM FACE OF BENT

10 CAP)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 27' FROM FACE OF BENT 11 CAP)

Span 11		Movable Bearin	ıg 4					
Movable	e Bearing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11	l	Fixed Bearing 4						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	1	Prestressed C	Prestressed Concrete Girder 5									
Prestre	essed Concrete Gi	rder										
Elemen Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
109	Prestressed	Concrete Open Girder/Beam	68	54	1	13	0 Feet					
Element Number	Defect Type	Defect Descripti	on		CS (CS Qty	Maint Qty					

General Comments

13 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10' SECTION OF 13 SPALLS WITH EXPOSED REBAR UP TO 17" X 5" X 1/2" DEEP AN DUP TO 0.013" LONGITUDINAL CRACKS IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 16.5' FROM FACE OF BENT 11 CAP)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 12' FROM FACE OF BENT 11 CAP)

Span 1	1	Movable Bearing	5					
Movabl	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Bearing 5						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Prestressed Con-	crete Gir	der 6				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	32	2	34	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (35" X 9" X 2 1/2" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 15' FROM FACE OF BENT 10 CAP, SEE PHOTO)

PRIORITY MAINTENANCE: 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (28" SECTION OF UP TO 0.013" LONGITUDINAL CRACKS, 7 1/2" X 6 1/2" X 2" DEEP SPALL WITH EXPOSED STRAND AND REBAR AND 8" X 7" X 1" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 5" FROM FACE OF BENT 11 CAP, SEE PHOTO)

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT EMBEDDED PLATE AT BENT 10)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 13' FROM FACE OF BENT 10 CAP)
- 3 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (34" X 7" X 1" AREA OF DELAMINATION WITH UP TO 0.01" LONGITUDINAL CRACKS IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 12" FROM BEARING AT BENT 10)
- 2 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (16" X 5" X 1" AREA OF DELAMINATION WITH UP TO 0.02" LONGITUDINAL AND HORIZONTAL CRACKS IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 14' FROM FACE OF BENT 10 CAP)
- 21 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (23'

SECTION OF 21 SPALLS WITH EXPOSED REBAR UP TO 16" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 18' FROM FACE OF BENT 10 CAP)

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (17" SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 8" X 7" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 11' FROM FACE OF BENT 11 CAP)

Span 11		Movable Bearing	6					
Movable	e Bearing							
Element Number	Element Nan	ne	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Bea	ring 6					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	1	Prestressed C	Concrete Gird	der 7				
Prestre	essed Concrete Gird	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	oncrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 11' FROM FACE OF BENT 11 CAP)

Span 11	l	Movable Bearing	7					
Movable	e Bearing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0 Each	1
515	Steel Protective Coating		1	0	1	0	0 Squa	are Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11	I	Fixed Bear	ing 7					
Fixed B	earing							
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	oating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 1	1	Prestressed Co	oncrete Gird	der 8				
Prestre	ssed Concrete Gi	rder						
Element Number 109		Element Name 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 Description	on		cs	CS Qty	Maint Qty	

General Comments

2 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (2' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 21' FROM FACE OF BENT 11 CAP)

Span 11	1	Movable Bearing	8					
Movable	e 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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Fixed Bea	aring 8					
Fixed B	earing							
Element Number		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 Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11 Prestressed Concrete Girder 9 Prestressed Concrete Girder Element Total CS₁ CS2 CS₃ CS4 Element Name Number Qty Qty Qty Qty Qty Prestressed Concrete Open Girder/Beam 0 Feet 109 68 66 2 0 Element Maint CS Defect Type **Defect Description** CS Qty Number Qty

General Comments

2 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (2' SECTION OF SIX (6) SPALLS WITH EXPOSED REBAR UP TO 7 1/2" X 2 1/2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 14' FROM FACE OF BENT 10 CAP)

Span 11		Movable Bearing	9					
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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11	l	Fixed Bearing 9						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 11		Standard Jo	oint 1					
Standar	d Joint							
Element Number 301		nent Name al	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Descr	iption		CS C	S Qty	Maint Qty	

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 12	2	Reinforced Cond	rete Decl	k 1				
Reinfor	ced Concrete Deck							
Element Number 12		nent Name ete Deck	Total Qty 6,089	CS1 Qty 497	CS2 Qty 0	CS3 Qty 5,592	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

4750 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 1585 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 6 Square Feet of Patched Area: Patched area that is sound. (64" X 13" REPAIR IN TOP OF DECK ALONG BENT 11 JOINT EXTENDING FROM LEFT CURB)
- 11 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (132" X 0.05" DIAGONAL CRACK IN TOP OF DECK IN OUTSIDE WESTBOUND LANE, APPROXIMATELY 7' FROM BENT 12 JOINT)
- 1 Square Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (13" X 2" X 3/4" DEEP SPALL ALONG EDGE OF DECK AT BENT 12 JOINT, APPROXIMATELY 18" FROM RIGHT CURB)
- 40 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF BOTH OVERHANGS, CRACKS IN BOTTOM OF RIGHT OVERHANG APPROXIMATELY 21' FROM BENT 11 SHOWN IN PHOTO)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (10" X 3" X 3/4" DEEP SPALL IN BOTTOM OF RIGHT OVERHANG, ADJACENT TO GIRDER 8, APPROXIMATELY 2' FROM END OF GIRDER AT BENT 11)
- 800 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK AND THROUGHOUT BAY 4, CRACKS IN BAY 4 APPROXIMATELY 25' FROM BENT 11 SHOWN IN PHOTO)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (10" X 4" X 1/2" DEEP SPALL IN BOTTOM OF RIGHT OVERHANG, ADJACENT TO GIRDER 8, APPROXIMATELY 1' FROM END OF GIRDER AT BENT 12)

Span 1	2	Concrete and Metal Railing 1							
Concre	te and Metal Railing								
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
333	Other Bridge Railing		99	95	3	1	0 Feet		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

- 4 Feet of Damage: The element has impact damage. The specific damage caused by the impact has been captured in Condition State 2 under the appropriate material defect entry.
- 4 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (48" X UP TO 1 1/2" AREA OF DISTORTION DUE TO IMPACT DAMAGE IN MIDDLE RAIL NEAR MIDSPAN)
- 2 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (2" X 1 1/2" TEAR IN EAST FACE OF POST 8 AT BOTTOM RAIL AND 7" X 3/4" DISTORTION IN EAST FACE OF POST 9 BETWEEN BOTTOM AND MIDDLE RAIL, TEAR IN POST 8 SHOWN IN PHOTO)
- 1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review (MISSING ATTACHMENT BOLT FOR MIDDLE RAIL AT POST 8, SEE PHOTO)

Span 12	2	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		99	62	35	2	0	Feet
515	Steel Protective Coating		99	49	15	35	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 35 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION EXTENDING FROM BENT 11 JOINT, CONDITION APPROXIMATELY 6' FROM BENT 11 JOINT SHOWN IN PHOTO)
- 2 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 5 AND 10)
- 15 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 35 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (EXTENDING FROM BENT 11 JOINT)

Span 12		Plate Girder 1						
Plate Gird	ler							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		97 1,358	0 1,288	97 70	0	_	Feet Square Feet
Element Number D	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12 Plate Girder 2 Plate Girder 2 Plate Girder Total CS1 CS2 CS3 CS4 Qty	lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
Plate Girder Element Number Element Name Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty	515	Steel Protective Coating		1,358	1,288	70	0	0	Square Feet
Plate Girder Element Total CS1 CS2 CS3 CS4	107	Steel Open Girder/Beam		97	0	97	0	0	Feet
		Element Name							
Span 12 Plate Girder 2	Plate Gir	der							
	Span 12		Plate Girder 2						

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Plate Girder 3						
Plate G	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		97 1,358	0 1,288	97 70	0	_	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12		Plate Girder 4						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		97	0	97	0	0	Feet
515	Steel Protective Coating		1,358	1,278	70	10	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (PITTING ALONG BOTTOM FLANGE AND AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS ALONG BOTTOM FLANGE, CONDITION APPROXIMATELY 4' FROM FACE OF BENT 11 CAP SHOWN IN PHOTO)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1,358	1,287	70	1	0	Square Feet
Number 107	Element Name Steel Open Girder/Beam		Qty 97	Qty 0	Qty 97	Qty 0	Qty 0	Feet
Element			Total	CS1	CS2	CS3	CS4	
Plate Gir	der							
Span 12		Plate Girder 5						

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER, CONDITION APPROXIMATELY 18' FROM FACE OF BENT 11 CAP SHOWN IN PHOTO)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

¹ Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING ON RIGHT SIDE OF WEB AND BOTTOM OF TOP FLANGE AT BENT 12)

Span 12		Plate Girder 6						
Plate Gi	rder							
Element Number	Element Name	е	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		97	0	97	0	0	Feet
515	Steel Protective Coating		1,358	1,288	70	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER AND AT BOLTED FIELD SPLICES)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12		Plate Girder 7						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		97	0	97	0	0	Feet
515	Steel Protective Coating		1,358	1,288	70	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (PITTING ALONG BOTTOM FLANGE AND AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER, SEE PHOTO)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1,358	1,288	70	0	0	Square Feet
107	Steel Open Girder/Beam		97	0	97	0	0	Feet
Element Number	Element Name	;	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 12		Plate Girder 8						

General Comments

97 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

70 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12 Rocker	Bearing	Rocker Bearing 1						
Element Number		me	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	1	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Bearing 1						
Fixed B	earing							
Element Number		lame	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Bear	ring 2					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Nan	ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12)	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Nar	ne	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Bearing 4						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	ng	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Rocker Bearing 5						
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
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Beari	ng 5					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 2\ Square\ Feet\ of\ Effectiveness\ (Steel\ Protective\ Coatings):\ Substantially\ effective.}$

Span 12	2	Rocker Bearing 6	i					
Rocker	Bearing							
Element Number	Element Nai	me	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Bear	ing 6					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element N	lame	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Beari	ing 7					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	-	Rocker Bearing	9 8					
Rocker	Bearing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Fixed Beari	ng 8					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	5	3	2	0	0	Square Feet
lement umber	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 12	2	Standard Joint 1						
Standa	rd Joint							
Element Number 301		Name	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

10 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 11 JOINT)

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 11 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 1	13 Reinforced Concrete Deck 1							
Reinfor	ced Concrete Deck							
Element Number 12		lement Name ncrete Deck	Total Qty 7,626	CS1 Qty 671	CS2 Qty 0	CS3 Qty 6,955	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

5950 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.05" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES, CRACKS NEAR MIDSPAN SHOWN IN PHOTO)

1985 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (15" X 4 1/2" X 2 1/2" DEEP SPALL ALONG EDGE OF DECK AT BENT 12 JOINT, APPROXIMATELY 18" FROM RIGHT CURB, SEE PHOTO)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (20" X 2" X 3" DEEP SPALL ALONG GIRDER 4 HAUNCH ON RIGHT SIDE, APPROXIMATELY 25' FROM BENT 13, SEE PHOTO)
- 45 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF BOTH OVERHANGS)

960 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK AND THROUGHOUT BAY 4)

Span 13	3	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nam	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		124	82	36	6	0	Feet
515	Steel Protective Coating		124	47	40	36	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

5 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 2, 4, 8, 9 AND 12)

- 36 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT RAIL EXTENDING FROM BENT 12 JOINT)
- 40 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT RAIL POST ATTACHMENT 16)
- 36 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (EXTENDING FROM BENT 12 JOINT)

UP TO 1/8" VERTICAL AND TRANSVERSE CRACKS IN TOP AND FACES OF CURB IN VARIOUS LOCATIONS THROUGHOUT, CONDITION IN RIGHT FACE APPROXIMATELY 24' FROM BENT 13 JOINT SHOWN IN PHOTO

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		5,535	5,239	275	18	3	Square Feet
107	Steel Open Girder/Beam		369	0	367	2	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	rder							
Span 13		Plate Girder 1						

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH UP TO 9 1/2" X 2" X 1/8" DEEP LOSS OF SECTION IN TOP OF BOTTOM FLANGE, UP TO 9 1/2" X 3" X 1/8" DEEP LOSS OF SECTION IN BOTH FACES OF DIAPHRAGM AND UP TO 3" X 3" X 1/16" DEEP LOSS OF SECTION IN BOTH FACES OF WEB IN SPAN 15 AT BENT 15 BEARING, SEE PHOTOS)

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 9 1/2" X UP TO 4" X 1/8" DEEP LOSS OF SECTION IN RIGHT FACE OF PEDESTAL AND IN STIFFENER IN SPAN 15 AT BENT 15 BEARING, SEE PHOTO)

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 3 1/2" X 2 1/2" AREA OF SCALING AND PACK RUST AT ENDS OF GIRDERS ON BOTH SIDES AT BOLTED FIELD SPLICE 1 IN SPAN 14, APPROXIMATELY 20' FROM BENT 13)
- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 9 1/2" X 1 1/2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN EAST FACE STIFFENER AND IN TOP OF BOTTOM FLANGE OF PEDESTAL ON LEFT SIDE IN SPAN 15 AT BENT 15 BEARING)
- 369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 18 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS ALONG BOTTOM FLANGE IN SPAN 13)
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 14 AT BOLTED FIELD SPLICE 1 AND IN SPAN 15 AT BENT 15 BEARING)

Span 13	}	Plate Girder 2						
Plate Gi	rder							
Element Number 107	Element Nar Steel Open Girder/Beam	me	Total Qty 369	CS1 Qty 0	CS2 Qty 369	CS3 Qty 0	CS4 Qty 0	Feet
515	Steel Protective Coating		5,535	5,250	275	10	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF WEB)

Span 13		Plate Girder 3						
Plate Gird	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		369 5,535	0 5,257	368 275	1 1	-	Feet Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 4 1/2" X 1" X UP TO 1/8" DEEP LOSS OF SECTION IN TOP OF BOTTOM FLANGE ON LEFT SIDE ALONG BOTTOM OF DIAPHRAGM IN SPAN 15 AT BENT 15 BEARING, SEE PHOTO)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 5 1/2" X 3" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, EAST FACE OF DIAPHRAGM AND ALONG WELDS IN SPAN 15 AT BENT 15 BEARING, SEE PHOTO)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 6" X 4" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF PEDESTAL, IN STIFFENER AND ALONG WELD IN SPAN 15 AT BENT 15 BEARING)

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN BOTTOM FLANGE IN SPAN 13, APPROXIMATELY 50' FROM BENT 13)

2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 15 AT BENT 15 BEARING)

Span 13		Plate Girder 4						
Plate Gi	rder							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 369	CS1 Qty 0	CS2 Qty 368	CS3 Qty 1	CS4 Qty 0	
515	Steel Protective Coating		5,535	5,257	275	1	2	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 2" X 2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN BOTH FACES OF WEB, IN EAST AND WEST FACE OF DIAPHRAGM AND ALONG WELDS IN SPAN 15 AT BENT 15 BEARING)

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN BOTTOM FLANGE IN SPAN 13, APPROXIMATELY 30' FROM BENT 12)

2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 15 AT BENT 15 BEARING)

Span 13		Plate Girder 5						
Plate Gir	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 369	CS1 Qty 0	CS2 Qty 368	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel Protective Coating		5,535	5,254	275	5	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (PITTING ALONG BOTTOM FLANGE IN SPAN 13 AT BENT 13)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (5" X 5" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN BOTH FACES OF PEDESTAL, IN STIFFENER AND ALONG WELD IN SPAN 15 AT BENT 15 BEARING, CONDITION ON RIGHT FACE SHOWN IN PHOTO)

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

- 275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 15 AT BENT 15 BEARING)
- 5 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS ALONG BOTTOM FLANGE IN SPAN 13)

Span 13		Plate Girder 6						
Plate Gir	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 369	CS1 Qty 0	CS2 Qty 368	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel Protective Coating		5,535	5,259	275	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (7" X 4" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, IN DIAPHRAGM AND ALONG WELD IN SPAN 15 AT BENT 15 BEARING, SEE PHOTO)

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 15 AT BENT 15 BEARING)

Span 13		Plate Girder 7						
Plate Gird	der							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Bea	m	369	0	368	1	0	Feet
515	Steel Protective Coatin	g	5,535	5,259	275	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (4 1/2" X 3" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, IN DIAPHRAGM AND ALONG WELD IN SPAN 15 AT BENT 15 BEARING)

369 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 15 AT BENT 15 BEARING)

Span 13	3	Plate Girder 8						
Plate Gi	rder							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		369	0	368	1	0	Feet
515	Steel Protective Coating		5,535	5,184	275	0	76	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST AT ENDS OF GIRDERS AND AROUND THREE (3) BOLTS AT BOLTED FIELD SPLICE 1 IN SPAN 14, APPROXIMATELY 20' FROM BENT 13, CONDITION ON LEFT SIDE SHOWN IN PHOTO)

124 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER AND AREAS OF PITTING ALONG BOTTOM FLANGE IN SPAN 15)

245 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER IN SPANS 13 AND 14)

275 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (IN SPAN 14 AT BOLTED FIELD SPLICE 1)

75 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS ALONG BOTTOM FLANGE IN SPAN 13)

Span 13	3	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	1	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

75% LOSS OF SECTION IN NUT ON RIGHT SIDE OF BEARING (SEE PHOTO)

Rocker	Bearing							
Element Number	Element Nam	e	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	1	1	0	Square Feet
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 2						
Rocker	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0		Each
515	Steel Protective Coatin	g	7	5	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 3					
Rocker	Bearing						
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing		1	0	1	0	0 Each
515	Steel Protective Coati	ng	7	5	1	1	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		7	5	2	0	0	Square Feet
311	Movable Bearing		1	0	1	0	0	Each
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Rocker	Bearing							
Span 13	3	Rocker Bearing 3						

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	1	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 4						
Rocker	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	9	7	5	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	1	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

	Element Name Movable Bearing Steel Protective Coating		Qty 1 7	Qty 0 5	Qty 1 2	Qty 0 0	_	Each
Number 311			Qty 1	•	Qty 1	-	•	
Number	Element Name		Qty	Qty	Qty	Qty	Qty	
Element			Total	CS1	CS2	CS3	CS4	
Rocker B	earing							
Span 13		Rocker Bearing 5						

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SEE PHOTO)
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13 Rocker	Bearing	Rocker B	g -					
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	7	5	1	1	0	Square Feet
lement umber	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 13	3	Rocker Bearing 6					
Rocker	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		7	5	2	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qtv

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	1	1	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Be	aring 7					
Rocker	Bearing							
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0 1	Each
515	Steel Protective Coating		7	5	1	1	0 \$	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Nam	e	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Beari	ng 1					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 2\ Square\ Feet\ of\ Effectiveness\ (Steel\ Protective\ Coatings):\ Substantially\ effective.}$

Span 13	3	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Nam	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bea	ring 2					
Fixed B	earing							
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective (Coating	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Be	earing 3					
Rocker	Bearing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	10	7	3	0	0	Square Feet
lement umber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\it 3 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.}$

Span 13	3	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	8	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 7						
Rocker	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		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		10	7	3	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 3 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bearing	3					
Fixed B	earing							
Element Number	Elemen	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bearing 4						
Fixed B	earing							
Element Number	Element N	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating)	6	4	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bear	ing 5					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bearing 6	3					
Fixed B	earing							
Element Number		: Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bearing 7						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		6	4	1	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Fixed Bearing 8						
Fixed B	earing							
Element Number		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	6	4	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 13	3	Standard .	Joint 1					
Standar	rd Joint							
Element Number 301		Element Name nt Seal	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Des	cription		CS C	CS Qty	Maint Qty	

General Comments

20 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 12 JOINT)

34 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 12 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 1	4	Reinforced Cond	rete Decl	k 1				
Reinfor	ced Concrete Deck							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete D	0eck	7,565	0	0	7,565	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

5905 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.05" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1970 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

7565 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE THROUGHOUT BOTTOM OF DECK AND BOTH OVERHANGS)

Span 14	1	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		123	120	1	2	0	Feet
515	Steel Protective Coating		123	73	50	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 2 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 5 AND 7)
- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 9)
- 50 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

UP TO 1/8" VERTICAL AND TRANSVERSE CRACKS IN TOP AND FACES OF CURB IN VARIOUS LOCATIONS THROUGHOUT

Span 1	5	Reinforced Concr	ete Deck	: 1				
Reinfor	ced Concrete Deck							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		7,626	0	0	7,626	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	_

General Comments

5950 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1985 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (9" X 7" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN TOP OF DECK IN OUTSIDE EASTBOUND LANE, APPROXIMATELY 42' FROM BENT 15 JOINT AND 10' FROM RIGHT CURB)

7626 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE THROUGHOUT BOTTOM OF DECK AND BOTH OVERHANGS)

Span 1	5	Concrete a	and Metal Railing	g 1				
Concre	ete and Metal Railin	g						
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge F	Railing	124	117	7	0	0 Feet	
Element Number	Defect Type	Defect Desc	cription		CS (CS Qty	Maint Qty	

General Comments

7 Feet of Damage: The element has impact damage. The specific damage caused by the impact has been captured in Condition State 2 under the appropriate material defect entry.

7 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (84" X UP TO 3 1/2" DISTORTION DUE TO IMPACT DAMAGE IN BOTTOM RAIL, APPROXIMATELY 38' FROM BENT 14 JOINT, SEE PHOTO)

Span 15	5	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		124	82	37	5	0	Feet
515	Steel Protective Coating		124	48	40	36	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 5 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 8, 12, 13, 14 AND 16)
- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 7)
- 36 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT RAIL BEGINNING APPROXIMATELY 36' FROM BENT 14)
- 40 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)
- 36 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (BEGINNING APPROXIMATELY 36' FROM BENT 14)

Span 16	5	Reinforced Conc	rete Dec	k 1				
Reinford	ced Concrete Deck							
Element Number	Element Nam	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		8,441	1,816	0	6,625	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 6625 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 2195 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)
- 28 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (164" X 24" FAILED REPAIR WITH UP TO 72" X 24" AREAS OF DELAMINATION WITH UP TO 1/4" CRACKS ALONG BENT 15 JOINT IN OUTSIDE EASTBOUND LANE, SEE PHOTO)
- 28 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (144" X 24" FAILED REPAIR WITH UP TO 0.05" CRACKS AND UP TO 28" X 2" X 1/2" DEEP SPALLS ALONG BENT 15 JOINT IN INSIDE EASTBOUND LANE, SEE PHOTO)
- 160 Square Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK, PRIMARILY FROM BENT 15 TO MIDSPAN, CRACKS IN BAY 5 APPROXIMATELY 20' FROM BENT 15 SHOWN IN PHOTO)

APPROXIMATELY 20' X 11" AREA OF CONCRETE SPILL ON TOP OF DECK IN OUTSIDE EASTBOUND LANE

Span 16	6	Concrete and Met	al Railin	ıg 1				
Concre	te and Metal Railing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing		138	130	7	1	0	Feet
515	Steel Protective Coating		30	30	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

8 Feet of Damage: The element has impact damage. The specific damage caused by the impact has been captured in Condition State 2 under the appropriate material defect entry.

8 Feet of Distortion: Distortion not requiring mitigation or mitigated distortion. (88" X UP TO 2" DISTORTION DUE TO IMPACT DAMAGE IN BOTTOM RAIL NEAR MIDSPAN)

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review (MISSING ATTACHMENT BOLT FOR MIDDLE RAIL AT POST 8)

Span 16	5	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		138	85	47	6	0	Feet
515	Steel Protective Coating		138	93	0	45	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

6 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 1, 3, 4, 10, 11 AND 12; CONDITION AT POST 10 SHOWN IN PHOTO)

2 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POSTS 14 AND 16)

45 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION IN VARIOUS LOCATIONS THROUGHOUT)

45 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (IN VARIOUS LOCATIONS THROUGHOUT)

Span 16		Plate Girder 1						
Plate Gir	der							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	125	9	0	Feet
515	Steel Protective Coating		2,278	2,156	113	0	9	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: Bracket 3 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 6" X UP TO 3/16" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 16" X 3" AREA WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB, APPROXIMATELY 27' FROM PIER 17, CONDITION ON WEST SIDE SHOWN IN PHOTO)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 7" X 1" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, DIAPHRAGM AND ALONG WELDS AT BENT 15 BEARING)

2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (16" X 3" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB AT BRACKET 4, APPROXIMATELY 8' FROM PIER 17)

Bracket 1 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (14" X 6" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN CONNECTION PLATE AND 17" X 2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB, APPROXIMATELY 67' FROM PIER 17)

Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (14" X 4" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN CONNECTION PLATE AND 16" X 2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB, APPROXIMATELY 47' FROM PIER 17)

- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 9 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 15 BEARING AND AT BRACKETS 1 THRU 4)

Span 16		Plate Girder 2						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	133	1	0	Feet
515	Steel Protective Coating		2,278	2,163	113	0	2	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 4 1/2" X 2 1/2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN TOP OF BOTTOM FLANGE ON BOTH SIDES, WEST FACE OF DIAPHRAGM AND ALONG WELDS AT BENT 15 BEARING)
- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 15 BEARING)

Span 16		Plate Girder 3						
Plate Gird	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 134	CS1 Qty 0	CS2 Qty 133	CS3 Qty	CS4 Qty	Feet
515	Steel Protective Coating		2,278	2,164	113	0	-	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 11" X 2 1/2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN BOTH FACES OF WEB, DIAPHRAGM AND ALONG WELDS AT BENT 15 BEARING)
- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 15 BEARING)

Span 16	6	Plate Girder 4						
Plate G	irder							
Element Number 107	Element Name		Total Qty 134	CS1 Qty 0	CS2 Qty 133	CS3 Qty	CS4 Qty	
515	Steel Open Girder/Beam Steel Protective Coating		2,278	2,164	113	0	_	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 8" X 2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN BOTH FACES OF WEB, DIAPHRAGM AND ALONG WELDS AT BENT 15 BEARING)

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 15 BEARING)

Span 16		Plate Girder 5						
Plate Gir	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 134	CS1 Qty 0	CS2 Qty 131	CS3 Qty 3	CS4 Qty 0	
515	Steel Protective Coating		2,278	2,162	113	0	3	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB WITH 9" X 4" LOSS OF SECTION AND 1/8" RESIDUAL WEB AT END OF GIRDER AT BENT 15, APPROXIMATELY 21" FROM TOP OF GIRDER, SEE PHOTO)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 11" X 2 1/2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN BOTH FACES OF WEB, DIAPHRAGM AND ALONG WELDS AT BENT 15 BEARING)

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (2" SECTION OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION ON LEFT SIDE OF BOTTOM FLANGE AND 4" X 2" AREA OF PACK RUST IN EAST FACE OF DIAPHRAGM ALONG WELD TO BOTTOM FLANGE, APPROXIMATELY 40" FROM END OF GIRDER AT BENT 15, SEE PHOTO)

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

3 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 15 BEARING)

Span 16		Plate Girder 6						
Plate Gird	der							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	1	134	0	134	0	0 F	eet
515	Steel Protective Coating		2,278	2,165	113	0	0 8	Square Feet
lement	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

515 Element	Steel Protective Coating		2,278	2,165	113	0	0 Maint	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 16		Plate Girder 7						

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	5	Plate Girder 8						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		134 2,278	0 2,156	125 113	9	-	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 3" X 2" X UP TO 1/4" DEEP LOSS OF SECTION IN RIGHT FACE OF WEB AND STIFFENER AT WEST TOWER PIER BEARING, APPROXIMATELY 9" FROM END OF GIRDER, SEE PHOTO)

PRIORITY MAINTENANCE: Bracket 1 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 6" X UP TO 1/8" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 14" X 2" X UP TO 1/16" AREA OF LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 65' FROM BENT 15, CONDITION ON WEST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 13" X UP TO 3/16" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 17" X 3" X UP TO 1/16" AREA OF LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 85' FROM BENT 15, CONDITION ON WEST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 3 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 17" X 14" X UP TO 1/16" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 15" X 2" X UP TO 1/16" AREA OF LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 27' FROM PIER 17, CONDITION ON WEST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 4 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 8" X UP TO 1/4" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 15" X 4" X UP TO 1/16" AREA OF LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 7' FROM PIER 17, CONDITION ON WEST SIDE SHOWN IN PHOTO)

- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 9 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BRACKETS 1 THRU 4 AND AT PIER 17)

SCALING AND PACK RUST WITH $4" \times 2" \times 1/8"$ DEEP LOSS OF SECTION IN WEST FACE OF BENT 15 DIAPHRAGM AT WELD TO GIRDER 8 (SEE PHOTO)

PARKING PLATFORM CONDITIONS:

Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (18" X 17" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE OF BRACKET, APPROXIMATELY 85' FROM BENT 15, CONDITION ON WEST SIDE SHOWN IN PHOTO)

2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (TOP FLANGE OF BRACKET 2)

Span 16	3	Fixed Bearing 1						
Fixed B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating	g	4	3	0	0	1	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16	5	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		14	10	4	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 4 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	6	Fixed Bearing 2						
Fixed B	earing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16	6	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		7	6	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16	6	Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16	3	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Nam	9	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	3	Fixed Bearing 4						
Fixed B	earing							
Element Number)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING

AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND THROUGHOUT MASONRY

PLATE)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16	6	Rocker Bearing 4						
Rocker	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		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	3	Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE, SEE PHOTO)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 16 Rocker	S Bearing	Rocker Bearing 5						
Element Number 311		me	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	6	Fixed Bearing	6				
Fixed B	earing						
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing		1	0	1	0	0 Each
515	Steel Protective Coa	ating	5	3	2	0	0 Square Feet
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qtv

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	5	Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	5	Fixed Bearing 7						
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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	6	Rocker Bearing	7					
Rocker	Bearing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16	6	Fixed Bearing	g 8					
Fixed B	earing							
Element Number	Elemen	: Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	4	2	2	0	0	Square Feet
lement lumber	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 16 Rocker		Rocker Bearing 8						
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1
311515	Movable Bearing Steel Protective Coating		1	0 10	4	0	_	Each Square Feet
ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 4 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 17	7	٦	Truss Panel 2						
Steel Tr	russ Panel								
Element Number 120		Element Name		Total Qty 31	CS1 Qty 29	CS2 Qty 0	CS3 Qty 2	CS4 Qty 0 Feet	
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18		Deck						
Steel De	ck with Open Grid							
Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
28	Steel Deck with Op	en Grid	24,480	24,430	50	0	0	Square Feet
lement umber	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	

Span 18	8		Truss Panel 1						
Steel Tr	russ Panel								
Element Number 120		Element Name		Total Qty 408	CS1 Qty 403	CS2 Qty 0	CS3 Qty 5	CS4 Qty 0 Feet	
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	8	Trus	s Panel 2					
Steel Ti	russ Panel							
Element Number 120		Element Name	Total Qty 408	CS1 Qty 405	CS2 Qty 3	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defe	ect Description		CS	CS Qty	Maint Qty	

General Comments

Span 18	3	U0U1						
Steel Tr	uss Top Chord							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
910	Primary Steel Truss Member		35	34	1	0	0	Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	L0U0						
Steel Tr	uss Vertical							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
910	Primary Steel Truss Member		33	31	2	0	0	Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Span 18	3	L3U3						
Steel Tr	uss Vertical							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
910	Primary Steel Truss Member		45	35	10	0	0	Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

 $1/4^\circ$ DEEP X 10' LONG IMPACT DAMAGE TO LOWER LATERAL STRUT NORTH SIDE OVER WEST BOUND RIGHT LANE, LOCATED 13FT FROM U3 VERTICAL.

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating	1	1	0	0	•	
910	Primary Steel Truss Member	48	47	1	0	0	Feet

General Comments

Span 18	}	L7U7						
Steel Tr	uss Vertical							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	Qty	CS4 Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
910	Primary Steel Truss Member		48	47	1	0	0	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

 9° LONG X $3/4^{\circ}$ DEEP IMPACT DAMAGE TO LOWER LATERAL STRUT NORTH SIDE OVER WEST BOUND RIGHT LANE LOCATED 13FT FROM U7 VERTICAL.

Span 18	3	L10U10						
Steel Tr	uss Vertical							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
910	Primary Steel Truss Member		41	40	1	0	0	Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Span 18	3	Floor Beam 1						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	0	50	12	0	Feet
515	Steel Protective Coating		1,098	1,067	31	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 2						
W Type	Steel Floor Beam							
Element Number 152	Element Name Steel Floor Beam		Total Qty 62	CS1 Qty 0	CS2 Qty 62	CS3 Qty 0	CS4 Qty	
515	Steel Protective Coating		1,178	1,178	0	0	_	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 3						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	0	62	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 4						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	14	48	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Span 18	3	Floor Beam 5						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	29	33	0	0	Feet
515	Steel Protective Coating		1,167	1,167	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 6						
W Type	Steel Floor Beam							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	26	36	0	0	Feet
515	Steel Protective Coa	ating	1,178	1,178	0	0	0	Square Feet
lement Number	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 7						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	51	11	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 8						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	54	8	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Span 18	3	Floor Beam 9						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	30	32	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 10						
W Type	Steel Floor Beam							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	44	18	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 11						
W Type	Steel Floor Beam							
Element Number		9	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	46	16	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Floor Beam 12						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	0	62	0	0	Feet
515	Steel Protective Coating		1,178	1,178	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Span 18	3	Floor Beam 13						
W Type	Steel Floor Beam							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
152	Steel Floor Beam		62	30	32	0	0	Feet
515	Steel Protective Coating		1,098	1,098	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 1						
W Beam	n Stringer							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	375	45	0	0	Feet
515	Steel Protective Coating)	2,206	2,206	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 2						
W Beam	n Stringer							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	226	194	0	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18		Stringer 3						
W Beam	Stringer							
Element Number 515	Elemo Steel Protective Co	ent Name	Total Qty 2,206	CS1 Qty 2,206	CS2 Qty 0	CS3 Qty 0	CS4 Qty	Square Feet
Element Number	Defect Type	Defect Descriptio	•	2,200	cs	CS Qty	Maint Qty	Oquale i eet

Span 18	3	Stringer 4						
W Beam	n Stringer							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	361	59	0	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 5						
W Beam	n Stringer							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	382	36	2	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 6						
W Beam	Stringer							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	385	35	0	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 7						
W Beam	n Stringer							
Element Number	Element Name	9	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	380	34	6	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Span 18	3	Stringer 10						
W Beam	Stringer							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	418	0	2	0	Feet
515	Steel Protective Coating		2,206	2,206	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 11						
W Beam	n Stringer							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	417	0	3	0	Feet
515	Steel Protective Coatin	g	2,206	2,206	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 18	3	Stringer 12						
W Beam	n Stringer							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
113	Steel Stringer		420	419	0	1	0	Feet
515	Steel Protective C	pating	2,888	2,888	0	0	0	Square Feet
lement lumber	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	

General Comments

Span 18	3	L10						
Steel G	usset Plate - Primary							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	1	0	0	Each
515	Steel Protective Coating		1	1	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Steel G	usset Plate - Primary							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	1	0	0	0	Square Feet
ement umber	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	

General Comments

Span 18	3	U3						
Steel G	usset Plate - Primary							
Element Number	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162 515	Steel Gusset Plate Steel Protective Co	ating	1	-40 1	41 0	0	_	Each Square Feet
Element Number	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	

General Comments

Span 18	3	U4						
Steel G	usset Plate - Primary							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	1	0	0	Each
515	Steel Protective Coating		1	1	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

 7^{\shortparallel} LONG X $3/8^{\shortparallel}$ DEEP PACT RUST UNDER GUSSET PLATE CONNECTION TO UNDERSIDE OF NORH SIDE OF U4.T

Span 18	3	U5						
Steel G	usset Plate - Primary							
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate	•	1	0	0	1	0	Each
515	Steel Protective C	oating	1	1	0	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

Span 18 Steel G	3 usset Plate - Primary	U6						
Element Number	Element I	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	1	0	0	Each
515	Steel Protective Coating		1	1	0	0	0	Square Feet
ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

1/4" WIDE X 10" LONG AREA OF PACK RUST TO U6 NORTH SIDE GUSSET PLATE WEST SIDE OF CONNECTION.

Qty Qty 0 0 Each 0 0 Square Feet
Qty Qty
CS3 CS4
CS3 CS4

General Comments

Span 18	3	U2						
Steel Gu	usset Plate - Primary							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	1	0	0	Each
515	Steel Protective Coating		1	1	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

GUSSET PLATE CONNECTION TO L1U2 TOP LATERAL HAS 1/4" OUT OF PLANE BENDING TO CORNER OF SOUTH EAST SIDE OF GUSSET PLATE.

 $8"\,\text{LONG}\,X\,3/8"$ - $1/4"\,\text{PACK}$ RUST TO CENTER GUSSET PLATE CONNECTION BETWEEN U2 NORTH SIDE OF GUSSET PLATE

1/8" - 3/16" PITTING & SECTION LOSS TO TOP LATERAL BETWEEN U2 FOR A LENGTH OF 15FT (BOTTOM FLANGE)

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

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Span 18	3	U5						
Steel Gu	usset Plate - Primary							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
162	Steel Gusset Plate		1	0	0	1	0	Each
515	Steel Protective Coating		1	1	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

TOP CHORD GUSSET PLATE CONNECTION TO U5 SOUTH SIDE HAS AN AREA CLEANED AND PAINTED SHOWING $1/4"\ \mbox{PACK}$ RUST

 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	1	0	0	0	Square Feet
162	Steel Gusset Plate		1	0	0	1	0	Each
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel G	usset Plate - Primary							
Span 18	8	U6						

General Comments

8" LONG X 3/8" CLEANED AND PAINTED PACK RUST TO U6 SOUTH SIDE TO UNDERSIDE OF TOP LATERAL.

Span 18	8	U10						
Steel G	usset Plate - Primary							
Element Number		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	pating	1	1	0	0	0	Square Feet
lement Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

1 MISSING NUT TO TOP LATERAL CENTER GUSSET PLATE CONNECTION BETWEEN U10 NORTH AND U10 SOUTH.

Span 19	9	Deck						
Reinfor	ced Concrete Deck							
Element Number 12		ement Name crete Deck	Total Qty 1,892	CS1 Qty 1,812	CS2 Qty 0	CS3 Qty 80	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

Span 19	9		Truss Panel 2						
Steel Tr	russ Panel								
Element Number 120		Element Name		Total Qty 31	CS1 Qty 28	CS2 Qty 0	CS3 Qty 3	CS4 Qty 0 Feet	
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 2	0	Deck						
Reinfo	rced Concrete Deck							
Elemen Number		it Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete	Deck	8,441	0	0	8,441	0 Square Fee	t
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

6625 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

2195 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

930 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (UP TO 38" X 4" X 1/4" DEEP SPALLS WITH EXPOSED REBAR IN VARIOUS LOCATIONS THROUGHOUT TOP OF DECK, CONDITION IN EASTBOUND LANES APPROXIMATELY 30' FROM BENT 19 JOINT SHOWN IN PHOTO)

54 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (APPROXIMATELY 27' X 24" FAILED REPAIR WITH UP TO 1/16" CRACKS AND UP TO 14" X 4" X 3/4" DEEP SPALLS AND UP TO '4' X 12" AREAS OF DELAMINATION, APPROXIMATELY 2' FROM BENT 20 JOINT IN WESTBOUND LANES, SEE PHOTO)

8441 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE THROUGHOUT BOTTOM OF DECK AND BOTH OVERHANGS)

Span 20)	Median Rail						
Steel Ra	ail							
Element Number	Element Name	3	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		138	120	13	5	0	Feet
515	Steel Protective Coating		138	96	30	12	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 5 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 2, 3, 9, 13 AND 18)
- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 7)
- 12 Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT, BEGINNING APPROXIMATELY 30' FROM BENT 19 JOINT)
- 30 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

12 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness. (BEGINNING APPROXIMATELY 30' FROM BENT 19 JOINT)

Span 20		Plate Girder 1						
Plate Gir	der							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		134 2,278	0 2,156	126 113	8 1		Feet Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: Bracket 1 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 6" X UP TO 1/8" AREA OF LOSS OF SECTION IN CONNECTION PLATE, 17" X 5" X UP TO 1/16" AREA OF LOSS OF SECTION IN LEFT FACE OF WEB AND 14" X 6" X UP TO 1/8" AREA OF LOSS OF SECTION IN BOTTOM FLANGE OF BRACKET, APPROXIMATELY 7" FROM PIER 18, CONDITION ON WEST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 7" X UP TO 1/8" AREA OF LOSS OF SECTION IN CONNECTION PLATE, 18" X 6" X UP TO 1/8" AREA OF LOSS OF SECTION IN LEFT FACE OF WEB, 16" X 7" X UP TO 3/8" AREA OF LOSS OF SECTION IN BOTTOM FLANGE OF BRACKET AND 12" X 5" AREA WITH NO MEASURABLE LOSS OF SECTION ON EAST FACE OF BRACKET WEB, APPROXIMATELY 27' FROM PIER 18, CONDITION ON EAST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 10" X 14" X 5/16" RESIDUAL FLANGE IN TOP FLANGE OF BRACKET, APPROXIMATELY 27' FROM PIER 18, CONDITION ON EAST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 3 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 6" X UP TO 1/4" AREA OF LOSS OF SECTION IN CONNECTION PLATE, 18" X 5" X UP TO 1/8" AREA OF LOSS OF SECTION IN LEFT FACE OF WEB AND 16" X 2" AREA WITH NO MEASURABLE LOSS OF SECTION ON EAST FACE OF BRACKET WEB, APPROXIMATELY 47' FROM PIER 18, CONDITION ON WEST SIDE SHOWN IN PHOTO)

PRIORITY MAINTENANCE: Bracket 3 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 12" X 14" X 1/8" RESIDUAL FLANGE IN TOP FLANGE OF BRACKET, APPROXIMATELY 47' FROM PIER 18, CONDITION ON WEST SIDE SHOWN IN PHOTOS)

PRIORITY MAINTENANCE: Bracket 4 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 17" X UP TO 1/8" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 16" X 3" AREA WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB, APPROXIMATELY 67' FROM PIER 18, CONDITION ON WEST SIDE SHOWN IN PHOTO)

- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 8 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BRACKETS 1 THRU 4)
- 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING IN LEFT FACE OF WEB, APPROXIMATELY 1' FROM BENT 20 CAP)
- 9" X UP TO 1/8" DISTORTION ALONG GUSSET PLATE ATTACHED TO RIGHT FACE OF WEB AT BRACKET 4 ATTACHMENT, APPROXIMATELY 67' FROM PIER 18 (SEE PHOTOS)
- 9" X UP TO 1/16" DISTORTION ALONG GUSSET PLATE ATTACHED TO RIGHT FACE OF WEB AT BRACKET 3 ATTACHMENT, APPROXIMATELY 47' FROM PIER 18

PARKING PLATFORM CONDITIONS:

- 2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (TOP FLANGE OF BRACKET 2)
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (TOP FLANGE

OF BRACKET 3)

Bracket 4 for Parking Platform: 12 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET BENEATH PARKING PLATFORM ON LEFT SIDE, APPROXIMATELY 67' FROM PIER 18)

- 12 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective. (THROUGHOUT BRACKET 4)
- 2 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 1 AND 2)
- 2 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 1 AND 2)
- 6 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 2 AND 3)
- 6 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 2 AND 3)
- 2 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 1 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 3 AND 4)
- 2 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 1 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 3 AND 4)
- 3 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 3 AND 4)
- 3 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 2 BENEATH PARKING PLATFORM ON LEFT SIDE BETWEEN BRACKETS 3 AND 4)

Span 20)	Near Bearing						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Far Bearing						
Fixed Bearing								
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		14	10	4	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 4 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Plate Girder 2						
Plate Gi	rder							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	133	1	0	Feet
515	Steel Protective Coating		2,278	2,164	113	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (5" X 2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN LEFT FACE OF WEB, DIAPHRAGM AND ALONG WELDS AT BENT 20 BEARING)
- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 20 BEARING)

Span 20)	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
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20	0	Far Bearin	g					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Plate Girder 3						
Plate G	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,278	2,165	113	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Near Bearing						
Rocker	Bearing							
Element Number	Element Nan	ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Far Bearin	g					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 2\ Square\ Feet\ of\ Effectiveness\ (Steel\ Protective\ Coatings):\ Substantially\ effective.}$

Span 20		Plate Girder 4						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	132	2	0	Feet
515	Steel Protective Coating		2,278	2,164	113	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

FLANGE, APPROXIMATELY 63' FROM BENT 20, SEE PHOTO)

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (APPROXIMATELY 63' FROM BENT 20)

Span 20)	Near Bearing						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Far Bearing						
Fixed B	earing							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 20)	Plate Girder 5						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,278	2,165	113	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Near Bearing						
Rocker	Bearing							
Element Number	Element Nam	ne	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Far Bearing						
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		5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20		Plate Girder 6						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,278	2,165	113	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20		Near Bearing						
Rocker	Bearing							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Far Bearing						
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
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20		Plate Girder 7						
Plate Gir	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,278	2,165	113	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

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 Coatin	g	5	3	2	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,278	2,161	113	0	4	Square Feet
107	Steel Open Girder/Beam		134	0	130	4	•	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 20		Plate Girder 8						

General Comments

PRIORITY MAINTENANCE: Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH 14" X 2" X UP TO 1/16" AREA OF LOSS OF SECTION IN CONNECTION PLATE AND 15" X 3" X UP TO 1/16" AREA OF LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 27' FROM PIER 18, CONDITION ON EAST SIDE SHOWN IN PHOTO)

Bracket 3 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (14" X 3" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN CONNECTION PLATE AND 14" X 2 1/2" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, APPROXIMATELY 47' FROM PIER 18)

2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (14" X 1" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB AT BRACKET 4 BENEATH PARKING PLATFORM, APPROXIMATELY 67' FROM PIER 18)

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

113 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

4 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BRACKETS 2 THRU 4)

PARKING PLATFORM CONDITIONS:

Bracket 2 for Parking Platform: 2 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (18" X 17" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE OF BRACKET, APPROXIMATELY 27' FROM PIER 18)

2 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (TOP FLANGE OF BRACKET 2)

Bracket 3 for Parking Platform: 12 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET BENEATH PARKING PLATFORM ON RIGHT SIDE, APPROXIMATELY 47' FROM PIER 18, CONDITION ALONG BOTTOM FLANGE AND WEST FACE OF WEB SHOWN IN PHOTO)

12 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective. (THROUGHOUT BRACKET 3)

8 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 2 BENEATH PARKING PLATFORM ON RIGHT SIDE BETWEEN BRACKETS 1 AND 2)

8 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 2 BENEATH PARKING PLATFORM ON RIGHT SIDE BETWEEN BRACKETS 1 AND 2, SEE PHOTO)

8 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (SURFACE CORROSION THROUGHOUT BRACKET STRINGER 2 BENEATH PARKING PLATFORM ON RIGHT SIDE BETWEEN BRACKETS 2 AND 3)

9 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Exposure of bare metal. (PAINT FLAKING AND PEELING THROUGHOUT STRINGER 2 BENEATH PARKING PLATFORM ON RIGHT SIDE BETWEEN BRACKETS 2 AND 3)

Span 20		Near Bearing						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

						Elellielli Naille	Jei	nullibei
	CS4	CS3 Qty	CS2 Qty	CS1 Qty	Total Qty	Element Name		Element Number

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 4 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20)	Standard J	oint 1					
Standar	rd Joint							
Element Number 301		ement Name leal	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Desc	ription		CS (CS Qty	Maint Qty	

General Comments

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 19 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 2	I	Deck						
Reinfor	ced Concrete Deck							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Dec	k	8,364	983	0	7,381	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

6530 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

2175 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (12" X 6" X 1" DEEP SPALL IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK ABOVE BENT 20)

850 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK AND BOTH OVERHANGS)

Span 21	l	Median Rail						
Steel Ra	ail							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		136	136	0	0	0	Feet
515	Steel Protective Coating	g	136	81	55	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

55 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	-	Feet
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 21		Plate Girder 1						

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	1	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Far Bearing						
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Plate Girder 2						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	1	Near Bearing						
Rocker	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		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	1	Far Bearing						
Fixed B	earing							
Element Number		me	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Plate Girder 3						
Plate Gird	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 134	CS1 Qty 0	CS2 Qty 134	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Far Bearing						
Fixed B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Plate Girder	4					
Plate Gi	rder							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Be	eam	134	0	134	0	0	Feet
515	Steel Protective Coat	ing	2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Descri	otion		CS	CS Qty	Maint Qty	

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	1	Far Bearing						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating	1	5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal

Span 21		Plate Girder	5					
Plate Gi	rder							
Element Number	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/E	Beam	134	0	134	0	0	Feet
515	Steel Protective Co	ating	2,144	2,037	107	0	0	Square Feet
lement Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

Span 21		Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	l	Far Bearing						
Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 21		Plate Girder 6						
Plate Gir	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

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	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Plate Girder 7						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21	I	Near Bearing						
Rocker	Bearing							
Element Number	Elemen	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	7	5	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	1	Far Bearing						
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	5	3	2	0	0	Square Feet
lement Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Plate Girder 8						
Plate Gir	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 21		Near Bearing						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- $2 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.$

Span 21	1	Far Bearing						
Fixed B	earing							
Element Number		Э	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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

	Standard Joint 1						
d Joint							
Elemer	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Pourable Joint Seal		54	0	0	0	54 Feet	
Defect Type	Defect Description			CS	CS Qty	Maint Qty	
	Elemer Pourable Joint Seal	Element Name Pourable Joint Seal	Element Name Qty Pourable Joint Seal 54	Element Name Qty Qty Pourable Joint Seal 54 0	Element Name Qty Qty Qty Pourable Joint Seal 54 0 0	Total	Total

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 20 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 22	2	Reinforced Conci	rete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concre	te Deck	8,364	1,434	0	6,930	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	_

General Comments

6530 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

2175 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

400 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK AND BOTH OVERHANGS)

Span 22	2	Steel Rail 3						
Steel Ra	ail							
Element Number 330	Element Nam Metal Bridge Railing	е	Total Qty 136	CS1 Qty 129	CS2 Qty 3	CS3 Qty 4	CS4 Qty 0	Feet
515	Steel Protective Coating		136	106	30	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

3 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POSTS 13, 14 AND 15)

3 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 2, 11 AND 17)

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (2 1/2" X UP TO 1/4" TEAR IN RIGHT FLANGE AT BASE OF RAIL POST 9, SEE PHOTO)

30 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 22	2	Plate Girder 1						
Plate Gi	rder							
Element Number	Element Nar	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

Span 22	2	Plate Girder 2						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22		Plate Girder 3						
Plate Gir	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 134	CS1 Qty 0	CS2 Qty 134	CS3 Qty 0	CS4 Qty 0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	-	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 22		Plate Girder 4						

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 22		Plate Girder 5						

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Plate Girder 6						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22		Plate Girder 7						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Plate Girde	r 8					
Plate Gi	rder							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Be	eam	134	0	134	0	0	Feet
515	Steel Protective Coat	ing	2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

Span 22	2	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Nam	ne e	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bearing 1						
Fixed B	earing							
Element Number	Element Na	me	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 2\ Square\ Feet\ of\ Effectiveness\ (Steel\ Protective\ Coatings):\ Substantially\ effective.}$

Span 22	2	Rocker Bearing 2	2					
Rocker	Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bear	ing 2					
Fixed B	earing							
Element Number		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	oating	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bea	ring 3					
Fixed B	earing							
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	iting	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bear	ring 4					
Fixed B	earing							
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective (Coating	5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 22)	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Nam	e	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bearing 5						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating)	5	3	2	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Rocker Bearing 6	i					
Rocker	Bearing							
Element Number		ame	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bearing 6						
Fixed B	earing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF

SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 22)	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element Nan	ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bearing 7						
Fixed B	earing							
Element Number	Element Nan	ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	2	Rocker Be	earing 8					
Rocker	Bearing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 22	2	Fixed Bearing	j 8					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Co	ating	5	4	0	0	1	Square Feet
lement Number	Defect Type	Defect Descript	tion		cs	CS Qty	Maint Qty	

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND UP TO 15" X 1 1/2" X 1/4" DEEP LOSS OF SECTION ALONG BOTTOM OF MASONRY PLATE AT SOUTHWEST CORNER, SEE PHOTO)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 22	2	Standard J	oint 1					
Standa	rd Joint							
Element Number 301		Element Name nt Seal	Total Qty 54	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 54 Feet	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

15 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 21 JOINT)

39 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 21 JOINT)

54 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 23	3	Reinforced Concr	ete Deck	< 1				
Reinfor	ced Concrete Deck							
Element Number		•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		8,364	882	0	7,482	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

7480 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.06" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

2450 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Patched Area: Patched area that is sound. (88" X 7" REPAIR IN TOP OF DECK ALONG BENT 22 JOINT IN OUTSIDE EASTBOUND LANES)

200 Square Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK)

2 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (23" X 7" X 4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK IN BAY 6 ALONG EDGE OF DECK ON LEFT, APPROXIMATELY 54' FROM BENT 22, SEE PHOTO)

AREAS OF MISSING JOINT MATERIAL ALONG EDGES OF DECK IN BAY 6, CONDITION APPROXIMATELY 20' FROM BENT 23 SHOWN IN PHOTO

Span 23	3	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		136	134	1	1	0	Feet
515	Steel Protective Coating		136	106	30	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 7)

1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUT AT RAIL POST 9)

30 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 23		Plate Girder 1						
Plate Gir	der							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 1						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Plate Girder 2						
Plate G	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 2						
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 23		Plate Girder 3						

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23		Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 3						
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coati	ng	5	4	0	0	1	Square Feet
lement Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 23		Plate Girder 4						
Plate Gir	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 4	1				
Rocker	Bearing						
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing		1	0	1	0	0 Each
515	Steel Protective Coati	ng	7	5	2	0	0 Square Feet
lement Jumber	Defect Type	Defect Description			CS	CS Qty	Maint Otv

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 4						
Fixed B	earing							
Element Number	Element Nam	Э	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal

Span 23		Plate Girder 5						
Plate Gir	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 5						
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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 5						
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 Coatin	g	5	3	2	0	0	Square Feet
lement lumber	Defect Type	Defect Description	า		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

107	Steel Open Girder/Beam Steel Protective Coating		134	0 2,037	134 107	0	0	Feet Square Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 23		Plate Girder 6						

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		7	6	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 23	3	Fixed Bearing 6						
Fixed B	earing							
Element Number		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	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23		Plate Girder 7						
Plate Gird	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 134	CS1 Qty 0	CS2 Qty 134	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 7						
Rocker	Bearing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		7	6	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (AREAS OF SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 23	3	Fixed Bearing 7						
Fixed B	earing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		5	4	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND UP TO 12" X 6" X 1/4" DEEP LOSS OF SECTION IN TOP OF MASONRY PLATE AND 3" X 1 1/2" X 1/8" DEEP LOSS OF SECTION IF RIGHT FACE OF LEFT VERTICAL PLATE, SEE PHOTO)

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 23	3	Plate Girder 8						
Plate Gi	rder							
Element Number	Element Nam	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Nam	e	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 lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 8						
Fixed B	earing							
Element Number		me	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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
Element Number	Element Name	;	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	rder							
Span 23		Plate Girder 9						

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23		Plate Girder 10						
Plate Gir	der							
Element Number 107	Element Namo Steel Open Girder/Beam	9	Total Qty 134	CS1 Qty 0	CS2 Qty 134	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23		Plate Girder 11						
Plate Gire	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		134	0	134	0	0	Feet
515	Steel Protective Coating		2,144	2,037	107	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

134 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

107 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Be	earing 9					
Rocker	Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	7	5	2	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 9					
Fixed B	earing						
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing		1	0	1	0	0 Each
515	Steel Protective Coat	ing	5	3	2	0	0 Square Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 1	0					
Rocker	Bearing							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		7	5	2	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Beari	ing 10					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	5	3	2	0	0	Square Feet
lement Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number	Element Na	me	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Fixed Bearing 11						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	}	5	3	2	0	0	Square Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 2 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 23	3	Standard Joint 1						
Standar	d Joint							
Element Number 301	Element Nam Pourable Joint Seal	ne	Total Qty 60	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 60 Feet	
Element Number	Defect Type	Defect Description				CS Qty	Maint Qty	

General Comments

23 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG LENGTH OF BENT 22 JOINT)

37 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 22 JOINT)

60 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 24	4	Reinforced	d Concrete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Conc	rete Deck	6,969	2,079	0	4,890	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

4890 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.05" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1630 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1200 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN BOTTOM OF DECK THROUGHOUT BAYS 7 THRU 11)

Span 24		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name	3	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		82	80	1	1	0	Feet
515	Steel Protective Coating		82	65	17	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ATTACHMENT HARDWARE AT BASE OF RAIL POST 7)
- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUT AT RAIL POST 10)
- 17 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 24	1	Plate Girder 1						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		57	0	57	0	0	Feet
515	Steel Protective Coating		624	593	31	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

57 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

31 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Bearing 1						
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		671	638	33	0	0	Square Feet
107	Steel Open Girder/Beam		61	0	61	0	0	Feet
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 24		Plate Girder 2						

33 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name	е	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	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Bearing 2						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 3						
Plate Gird	der							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		66 719	0 683	66 36	0	-	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

66 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

36 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	Ī	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Nar	ne	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	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Bearing 3						
Fixed B	earing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 4						
Plate Gird	der							
Element Number 107	Element Name Steel Open Girder/Beam	}	Total Qty 70	CS1 Qty 0	CS2 Qty 70	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		768	730	38	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

70 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

 ${\it 38 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.}$

Span 24	4	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 1 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.}$

Span 24		Fixed Bearing 4					
Fixed B	earing						
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing		1	0	1	0	0 Each
515	Steel Protective Coati	ng	3	2	1	0	0 Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Otv

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 5						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		75 815	0 775	75 40	0	_	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

75 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

40 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
515	Steel Protective Coa	ting	3	2	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 24	1	Fixed Bear	ring 5					

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 6						
Plate Gird	der							
Element Number 107	Element N Steel Open Girder/Bear		Total Qty 79	CS1 Qty 0	CS2 Qty 79	CS3 Qty 0	CS4 Qty	
515	Steel Protective Coating		864	821	43	0		Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

79 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

43 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	L	Fixed Bear	ing 6					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Co	ating	3	2	0	0	1	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS (CS Qty	Maint Qty	

General Comments

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

515 Element	Steel Protective Coating Defect Type	Defect Description	889	845	44 CS	0 CS Qty	0 Maint	Square Feet
107	Steel Open Girder/Beam	•	81	0	81	0	•	Feet
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 24		Plate Girder 7						

General Comments

81 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

44 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)

Span 24	L	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Bearing 7						
Fixed B	earing							
Element Number	Element Nam	ıe	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 24		Plate Girder 8						
Plate Gir	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		85	0	85	0	0	Feet
515	Steel Protective Coating		935	889	46	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

85 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

46 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

ment	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
515	Steel Protective Co	ating	3	2	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 24	1	Fixed Bea	ring 8					

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 9						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		90	0	90	0	0	Feet
515	Steel Protective Coating		982	933	49	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

90 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

49 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Plate Girde	r 10					
Plate Gi	irder							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Be	am	94	0	94	0	0	Feet
515	Steel Protective Coati	ng	1,030	979	51	0	0	Square Feet
Element Number	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	

General Comments

94 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

51 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 11						
Plate Gird	der							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		98	0	98	0	0 Feet	
515	Steel Protective Coating		1,076	1,022	54	0	0 Squar	e Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

98 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

54 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24		Plate Girder 12						
Plate Gire	der							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 102	CS1 Qty 0	CS2 Qty 102	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		1,122	1,066	56	0	-	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

102 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

56 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 9						
Rocker	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		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	4	Fixed Bearing 9						
Fixed E	Bearing							
Elemen Number		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	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing	10					
Rocker	Bearing							
Element Number	Elemen	: Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	4	3	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Beari	ng 10					
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ing	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number	Element Nam	ne	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Fixed Bear	ing 11					
Fixed B	earing							
Element Number		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	oating	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	1	Rocker Bearing 1	2					
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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	4	Fixed Bearing 12	2					
Fixed B	earing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 24	4	Standard J	loint 1					
Standa	rd Joint							
Element Number 301		ment Name eal	Total Qty 70	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 70 Feet	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

70 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 23 JOINT)

70 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 25	5	Reinforced Concr	ete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		7,182	1,152	0	6,030	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

5630 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.05" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1850 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (72" X 5" X 2" DEEP SPALL IN EDGE OF DECK ALONG BENT 24 JOINT IN INSIDE WESTBOUND LANE, SEE PHOTO)

400 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF DECK)

Span 25	j	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		84	84	0	0	0	Feet
515	Steel Protective Coating		84	74	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 25		Plate Girder 1						
Plate Gir	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

⁴⁵ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearin	ng 1					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Plate Girder 2						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 2						
Fixed B	earing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25		Plate Girder 3						
Plate Girde	er							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 82	CS1 Qty 0	CS2 Qty 82	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		899	854	45	0	0	Square Feet
lement lumber De	efect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 3						
Fixed B	earing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25		Plate Girder 4						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Foot
107 515	Steel Open Girder/Beam Steel Protective Coating		82 899	0 854	82 45	0	_	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 4						
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
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 4						
Fixed B	earing							
Element Number	Element Nam	е	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25		Plate Girder 5						
Plate Gird	ler							
Element Number 107	Element Name Steel Open Girder/Beam	;	Total Qty 82	CS1 Qty 0	CS2 Qty 81	CS3 Qty 1	CS4 Qty	
515	Steel Protective Coating		899	853	45	0	1	Square Feet
Element Number D	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (14" X 6" AREA OF SCALING AND PITTING IN BOTTOM FLANGE, APPROXIMATELY 25' FROM BENT 24, SEE PHOTO)
- 82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (APPROXIMATELY 25' FROM BENT 24)

Span 25	5	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	3	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 25		Plate Girder 6						
Plate Gir	der							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 6						
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	3	2	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		899	854	45	0	0	Square Feet
107	Steel Open Girder/Beam		82	0	82	0	•	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gir	der							
Span 25		Plate Girder 7						

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 7	•					
Rocker	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		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Beari	ng 7					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ating	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	j	Plate Girder 8						
Plate Gi	rder							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	853	45	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats. (PAINT FLAKING AND PEELING ALONG BOTTOM FLANGE, APPROXIMATELY 20' FROM BENT 24)

Span 25 Rocker		Rocker Beari	ing 8					
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	4	3	1	0	0	Square Feet
lement umber	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	

General Comments

 $^{{\}bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 25	5	Fixed Bearing 8						
Fixed B	earing							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

⁴⁵ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

¹ Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST WITH UP TO 32" X 2 1/2" X 1/8" DEEP LOSS OF SECTION ALONG BOTTOM OF MASONRY PLATE AT SOUTHWEST CORNER, SEE PHOTO)

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 25	5	Plate Girder 9						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	i	Plate Girder 10						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		899	854	45	0	0	Square Feet
107	Steel Open Girder/Beam		82	o o	82	0	•	Feet
Element Number	Element Nam	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gire	der							
Span 25		Plate Girder 11						

General Comments

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Plate Girder 12						
Plate Gi	rder							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		82	0	82	0	0	Feet
515	Steel Protective Coating		899	854	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

82 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 9						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 9						
Fixed B	earing							
Element Number	Elemen	: Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coati	ng	3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 1	10					
Rocker	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	g	4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bearing 10					
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 Coatin	ng	3	2	1	0	0 Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	5	Fixed Bear	ing 11					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 25	i	Rocker Bearing 1	2					
Rocker	Bearing							
Element Number	Element Na	me	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	5	Fixed Bearing 12						
Fixed E	Bearing							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0 Ea	ach
515	Steel Protective Coating		3	2	1	0	0 Sc	quare Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	5	Standard Joi	nt 1					
Standa	rd Joint							
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint S	eal	90	0	0	0	90 Feet	
Element Number	Defect Type	Defect Descrip	tion		cs c	S Qty	Maint Qty	

General Comments

4 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 24 JOINT IN OUTSIDE EASTBOUND LANE)

86 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 24 JOINT)

90 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 26	6	Reinforced Conci	rete Dec	k 1			
Reinfor	ced Concrete Deck						
Element Number 12		• •	Total Qty 7,182	CS1 Qty 1,132	CS2 Qty 0	CS3 Qty 6,050	CS4 Qty 0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

6050 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.05" TRANSVERSE CRACKS AND HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

2020 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

100 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAYS 1, 2, 5, 10 AND 11)

AREAS OF MISSING JOINT MATERIAL ALONG EDGES OF DECK IN BAY 6

Span 26	3	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		84	84	0	0	0	Feet
515	Steel Protective Coating		84	74	10	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 26	6	Plate Girder 1						
Plate G	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		105	0	104	1	0	Feet
515	Steel Protective Coating		1,606	1,525	80	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (6" X 2" AREA OF SCALING AND PACK RUST ALONG LEFT FACE OF WEB AT OVERHEAD SIGN ATTACHMENT, APPROXIMATELY 3' FROM END OF GIRDER AT BENT 26)
- 104 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 80 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (APPROXIMATELY 3' FROM END OF GIRDER AT BENT 26)

Span 26	6	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	6	Fixed Bear	ring 1					
Fixed E	Bearing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Co	ating	3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 26	5	Plate Girder 2						
Plate G	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515	Steel Open Girder/Beam Steel Protective Coating		101 1,102	0 1,047	101 55	0	-	Feet Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

101 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

55 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 2						
Fixed B	earing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal

Span 26		Plate Girder 3						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		96	0	96	0	0	Feet
515	Steel Protective Coating		1,054	1,001	53	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

96 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

53 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Fixed Bearing 3						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	ng	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26		Plate Girder 4						
Plate Gir	der							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		92	0	92	0	0	Feet
515	Steel Protective Coating		1,005	955	50	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

92 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

50 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 20	6	Rocker Bearing 4						
Rocker	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	g	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	_

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 4						
Fixed B	earing							
Element Number	Element Nar	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND THROUGHOUT LEFT AND RIGHT FACE OF MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 26	6	Plate Girder 5						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		87	0	87	0	0	Feet
515	Steel Protective Coating		957	909	48	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

87 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

48 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Rocker Bearing 5						
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Fixed Bear	ing 5					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	5	Plate Girder 6						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		83	0	83	0	0	Feet
515	Steel Protective Coating		910	865	45	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

83 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

45 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	5	Fixed Bearing 6						
Fixed B	earing							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

PLATE)

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 26		Plate Girder 7						
Plate Gire	der							
Element Number 107	Element Nam Steel Open Girder/Beam	e	Total Qty 81	CS1 Qty 0	CS2 Qty 81	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		884	840	44	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

81 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

44 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

¹ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 7						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 26		Plate Girder 8						
Plate Gir	der							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
107	Steel Open Girder/Beam		77	0	76	1	0	Feet
515	Steel Protective Coating		838	795	42	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

General Comments

1 Feet of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (UP TO 5" X 3" AREA OF SCALING AND PACK RUST WITH NO MEASURABLE LOSS OF SECTION IN RIGHT FACE OF WEB, EAST FACE OF DIAPHRAGM AND ALONG WELDS AT BENT 25 BEARING)

77 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

- 42 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal. (AT BENT 25 BEARING)

Span 26	5	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bear	ing 8					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Co	ating	3	2	0	0	1	Square Feet
lement Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal

Span 26	3	Plate Girder 9						
Plate Gi	rder							
Element Number	Element Nai	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		72	0	72	0	0	Feet
515	Steel Protective Coating		791	751	40	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 72 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)
- 40 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	5	Plate Girder 10						
Plate G	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		68	0	68	0	0	Feet
515	Steel Protective Coating		745	708	37	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

68 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

37 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26		Plate Girder 11						
Plate Gird	ler							
Element Number 107	Element Name Steel Open Girder/Beam		Total Qty 64	CS1 Qty 0	CS2 Qty 64	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		697	662	35	0	0	Square Feet
Element Number D	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

64 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

35 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26		Plate Girder 12						
Plate Gir	der							
Element Number 107	Element Name Steel Open Girder/Beam	Э	Total Qty 60	CS1 Qty 0	CS2 Qty 60	CS3 Qty 0	CS4 Qty	
515	Steel Protective Coating		651	619	32	0	_	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

60 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated. (AREAS OF SURFACE CORROSION THROUGHOUT LENGTH OF GIRDER)

32 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	3	Rocker Bearing 9						
Rocker	Bearing							
Element Number		ne	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	

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 9						
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		3	2	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	5	Rocker Bearing 10	0					
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 10						
Fixed B	earing							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		3	2	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Rocker Bearing 1	1				
Rocker	Bearing						
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing		1	0	1	0	0 Each
515	Steel Protective Coat	ing	4	3	1	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 26	6	Fixed Bearing 11						
Fixed B	earing							
Element Number	Element Nam	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		3	2	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST THROUGHOUT MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 26	6	Rocker Bearing 12	2					
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
515	Steel Protective Coa	ting	3	2	0	0	1	Square Feet
313	Fixed Bearing		1	0	0	1	0	Each
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 26	6	Fixed Bearing	j 12					

- 1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST ALONG TOP OF BEARING ADJACENT TO BOTTOM FLANGE AND THROUGHOUT LEFT FACE OF MASONRY PLATE)
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 20	6	Standard Joint 1						
Standa	rd Joint							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal		90	0	0	0	90 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

35 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 25 JOINT IN EASTBOUND LANES)

55 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 25 JOINT)

90 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 27	7	Reinforced Cond	crete Deck	< 1				
Reinfor	ced Concrete Deck							
Element Number 12		ent Name e Deck	Total Qty 5,814	CS1 Qty 914	CS2 Qty 0	CS3 Qty 4,900	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

4900 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1635 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

Span 2	7	Prestressed Co	ncrete Gir	der 1				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	59	9	0	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

2 Feet of Exposed Rebar: Present without measurable section loss. (20" X 2" AREA OF EXPOSED REBAR IN LEFT FACE OF WEB AT BENT 26)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 26 CAP)

6 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (8' SECTION OF SIX (6) SPALLS WITH EXPOSED REBAR UP TO 5" X 4" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 23' FROM FACE OF BENT 27 CAP)

Span 27	7	Movable Bearing	1					
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

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

¹ Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Fixed Bearing 1						
Fixed B	earing							
Element Number		3	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Prestressed C	Concrete Gird	der 2				
Prestre	ssed Concrete Gird	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	oncrete Open Girder/Beam	68	65	0	3	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

3 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (28" X 5" X 5" AREA OF DELAMINATION WITH UP TO 0.02" LONGITUDINAL AND HORIZONTAL CRACKS IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE AT BENT 26 CAP, SEE PHOTO)

Span 27	7	Movable Bearing	2					
Movable	e Bearing							
Element Number	Element Na	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Fixed Bearing 2						
Fixed B	earing							
Element Number		ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Movable Bearing	3					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Fixed Bearing 3						
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	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Prestressed C	oncrete Gird	der 4				
Prestre	ssed Concrete Gi	rder						
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 68	CS1 Qty 63	CS2 Qty 1	CS3 Qty 4	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	

General Comments

4 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (4' SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 9" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 19' FROM FACE OF BENT 26 CAP)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 26 CAP)

Span 27	7	Movable Bearing	4					
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	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number	Element Nam	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 27		Fixed Bearing 4						

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Prestressed C	Concrete Gird	der 5				
Prestres	ssed Concrete Gird	ler						
Element Number								
109	Prestressed Co	oncrete Open Girder/Beam	68	67	0	1	0 Feet	
lement Number	Defect Type	Defect Descript	ion		CS (CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 27 CAP)

Span 27	7	Movable Bearing	5					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Fixed Bearing 5						
Fixed B	earing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Prestressed Concrete Girder 6									
Prestre	Prestressed Concrete Girder										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	30	1	37	0 Feet				
Element Number	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty				

General Comments

PRIORITY MAINTENANCE: 3 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (32" X 4" X 4" SPALL WITH EXPOSED STRANDS AND REBAR AND 23" X 6" AREA OF DELAMINATION IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE AT BENT 26, SEE PHOTO)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 4' FROM FACE OF BENT 26 CAP)

33 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (33' SECTION OF UP TO 18" X 5" X 1/2" DEEP SPALLS WITH EXPOSED REBAR SPACED APPROXIMATELY 1' APART IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 10' FROM FACE OF BENT 26 CAP)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 3" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 16' FROM FACE OF BENT 27 CAP)

Span 27		Movable Bearing	6					
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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement Jumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
515	Steel Protective Coatin	ng	1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 27	7	Fixed Bear	ring 6					

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Movable Bearing	7					
Movable	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	,	Fixed Beari	ing 7					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Movable Bearing	8					
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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27		Fixed Bearing 8						
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		1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Movable Bearing	9					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27		Fixed Bear	ing 9					
Fixed B	earing							
Element Number	Elemer	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Movable Bearing	10					
Movable	e 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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27 Fixed B		Fixed Beari	ng 10					
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	•	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
ement umber	Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Prestressed Con	crete Gir	der 11				
Prestres	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	64	4	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (1' SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 8" X 3" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 21' FROM BENT 26)

4 Feet of Delamination: Delaminated. (FOUR (4) AREAS OF DELAMINATION UP TO 6" DIAMETER IN BOTTOM OF GIRDER AT MIDSPAN)

Span 27	7	Movable Bearing 11						
Movable	e Bearing							
Element Number		me	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27		Fixed Bearing 11						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Movable Bearing	12					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	•	Fixed Bearing 12						
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		1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Prestressed Cor	ncrete Gir	der 13				
Prestre	ssed Concrete G	Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestresse	d Concrete Open Girder/Beam	68	56	12	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

12 Feet of Delamination/Spall: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. (12 AREAS OF DELAMINATION AND SPALLS WITH EXPOSED REBAR UP TO 18" X 1 1/2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 10' FROM BENT 26)

Span 27	,	Movable Bearing	13					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Fixed Bearing 13	3					
Fixed E	Bearing							
Element Number	-	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Prestressed Concrete Girder 14								
Prestre	ssed Concrete Gi	der								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed	Concrete Open Girder/Beam	68	55	13	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

13 Feet of Delamination/Spall: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. (13 AREAS OF DELAMINATION AND SPALLS WITH EXPOSED REBAR UP TO 10" X 2 1/2" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 10' FROM BENT 26)

Span 27		Movable Bearing	14					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27		Fixed Bearing	14					
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 Coatin	ng	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	7	Prestressed Co	ncrete Gird	der 15				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	67	1	0	0 Feet	
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3" DIAMETER X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 21' FROM BENT 26)

Span 27		Movable Bearing	15					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27	7	Fixed Bearing 15						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 27		Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nar	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	68	0	0	0	Feet
515	Steel Protective Coating		68	58	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 2	7	Standard J	oint 1					
Standa	rd Joint							
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint S	eal	79	0	0	0	79 Feet	
Element Number	Defect Type	Defect Desc	ription		cs c	S Qty	Maint Qty	

- 10 Feet of Debris Impaction: Completely filled and impacts joint movement. (DIRT AND DEBRIS ACCUMULATION ALONG BENT 26 JOINT IN RIGHT SHOULDER OF WESTBOUND AND EASTBOUND LANES)
- 15 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 26 JOINT IN INSIDE WESTBOUND LANE AND EASTBOUND RAMP LANE)

54 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 26 JOINT)

79 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 28	3	Reinforced Conc	rete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		6,643	1,739	4	4,900	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

4900 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1635 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

4 Square Feet of Patched Area: Patched area that is sound. (48" X 12" REPAIR IN TOP OF DECK ALONG BENT 28 JOINT IN LEFT SHOULDER OF EASTBOUND RAMP)

Span 28	3	Steel Rail 3						
Steel Ra	ail							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		68	68	0	0	0	Feet
515	Steel Protective Coating		68	58	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 28	3	Prestressed Co	ncrete Gird	der 1				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	56	10	2	0 Feet	
Element Number	Defect Type	Defect Description	١		CS	CS Qty	Maint Qty	

General Comments

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3' SECTION OF THREE (3) SPALLS WITH AND WITHOUT EXPOSED REBAR UP TO 6" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 28' FROM FACE OF BENT 27 CAP)

6 Feet of Spall/Patched Area: Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. (8' SECTION OF TWO (2) REPAIRS UP TO 8" X 7" AND FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 6" DIAMETER X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 18.5' FROM FACE OF BENT 28 CAP)

1 Feet of Patched Area: Patched area that is sound. (7" X 6" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 12.5' FROM FACE OF BENT 28 CAP)

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (18" SECTION OF TWO (2) SPALLS WITH AND WITHOUT EXPOSED REBAR UP TO 8" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 30" FROM FACE OF BENT 28 CAP)

Span 28	3	Movable Bearing	1					
Movable	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	}	Fixed Bear	ing 1					
Fixed B	earing							
Element Number	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement umber	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	8	Movable Bearing	2					
Movable	e Bearing							
Element Number		ne	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bear	ing 2					
Fixed B	earing							
Element Number		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	pating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Prestressed Cor	ncrete Gir	der 3				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	55	6	7	0 Feet	
Element Number	Defect Type	Defect Description	1		CS (CS Qty	Maint Qty	

General Comments

6 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (6' SECTION OF SEVEN (7) SPALLS WITH EXPOSED REBAR UP TO 14" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 16' FROM FACE OF BENT 27 CAP)

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3' SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 7" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24' FROM FACE OF BENT 27 CAP)

3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3' SECTION OF FOUR (4) SPALLS WITH EXPOSED REBAR UP TO 9" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 6" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22.5' FROM FACE OF BENT 28 CAP)

Span 28	3	Movable Bea	ring 3					
Movable	e Bearing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 3						
Fixed B	earing							
Element Number		e	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	8	Movable Bearing	4					
Movabl	e 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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 4						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Prestressed Co	ncrete Gird	der 5				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	42	6	20	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 8" X 1" DEEP SPALL WITH EXPOSED STRANDS AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 27 CAP, SEE PHOTO)

- 2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (2' SECTION OF TWO (2) SPALLS WITH EXPOSED REBAR UP TO 7" X 7" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 2' FROM FACE OF BENT 27 CAP)
- 16 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (16' SECTION OF 16 SPALLS WITH EXPOSED REBAR UP TO 18" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 8.5' FROM FACE OF BENT 27 CAP)
- 3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 1" X 1/4" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)
- 1 Feet of Cracking (PSC): Width less than 0.004 in. or spacing greater than 3 ft. (11" LONGITUDINAL HAIRLINE CRACK IN BOTTOM OF GIRDER AT MIDSPAN)
- 3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4' SECTION OF FIVE (5) SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 22.5' FROM FACE OF BENT 28 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 23.5' FROM FACE OF

BENT 28 CAP)

Span 28	3	Movable Bearing	5					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 5						
Fixed B	earing							
Element Number		ne	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 lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Movable Bearing	6					
Movable	e Bearing							
Element Number	Element Naı	me	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing							
Span 28		Fixed Bearing 6						

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	8	Prestressed Co	oncrete Gird	der 7				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	66	0	2	0 Feet	
Element Number	Defect Type	Defect Description	on		cs c	CS Qty	Maint Qty	

General Comments

2 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (34" X 16" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN RIGHT FACE OF GIRDER AT BENT 27)

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
11	Movable Bearing	1	0	1	0	•	Each
15	Steel Protective Coating	1	0	1	0	0	Square Feet

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 7						
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		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Prestressed Con-	crete Gir	der 8				
Prestre	ssed Concrete (Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestresse	d Concrete Open Girder/Beam	68	66	0	2	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

2 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (24" X 14" AREA OF UP TO 0.009" MAP CRACKING WITH EFFLORESCENCE IN BOTH FACES OF BOTTOM FLANGE AND CHAMFER AT BENT 27, CRACKS IN LEFT FACE SHOWN IN PHOTO)

Span 28	3	Movable Bearing	8					
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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 8						
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		1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	8	Prestressed Co	oncrete Gird	der 9				
Prestre	essed Concrete Gi	rder						
Elemen Numbei	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	68	52	9	7	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

General Comments

7 Feet of Spall/Patched Area: Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. (7' SECTION OF THREE (3) REPAIRS UP TO 18" X 3" AND FIVE (5) SPALLS WITH AND WITHOUT EXPOSED REBAR UP TO 6" X 4" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 18' FROM FACE OF BENT 27 CAP)

- 1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (10" X 4" X 1/2" DEEP FAILED REPAIR AND SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 21' FROM FACE OF BENT 27 CAP)
- 1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (19" X 7" FAILED REPAIR WITH 6" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 27' FROM FACE OF BENT 27 CAP)
- 4 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (4' SECTION OF FOUR (4) FAILED REPAIRS AND SPALLS WITH EXPOSED REBAR UP TO 16" X 10" X 1/2" DEEP IN BOTTOM OF GIRDER AT MIDSPAN)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (13" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 25' FROM FACE OF BENT 28 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (1' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 23' FROM FACE OF BENT 28 CAP)

1 Feet of Patched Area: Patched area that is sound. (17" X 5" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 28 CAP)

Span 28	Movable E	Bearing 9					
Movable Bearing							
	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
311 Movable Bearing 515 Steel Protective Coa	tina	1	0	1	0	_	Each Square Feet
515 Steel Protective Coa ement umber Defect Type	ting Defect Des	1	0	1 	0 CS Qty	0 Maint Qty	Square Fee

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 9						
Fixed B	earing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	8	Prestressed C	Concrete Gird	der 10				
Prestre	ssed Concrete Girde	er						
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Cor	ncrete Open Girder/Beam	68	63	4	1	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS C	CS Qty	Maint Qty	

- 1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (6" X 4" X 1/2" DEEP FAILED REPAIR AND SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT FACE OF BENT 27 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (14" X 6" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 1' FROM FACE OF BENT 27 CAP)
- 3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5' SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 5" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 12' FROM FACE OF BENT 27 CAP)

Span 28	3	Movable Bearing	10					
Movabl	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bear	ing 10					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Movable Bearing	11					
Movable	e Bearing							
Element Number		me	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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bear	ing 11					
Fixed B	earing							
Element Number		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	oating	1	0	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Prestressed Con	crete Gir	der 12				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	48	20	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

20 Feet of Delamination/Patched Area: Delaminated. Patched area that is sound. (20' SECTION OF UP TO 18" X 4" AREAS OF DELAMINATION AND REPAIRS IN BOTTOM OF GIRDER AT MIDSPAN)

Span 28	3	Movable Bearing	12					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 12						
Fixed B	earing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Movable Bearing	13					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing	13					
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	1	0	1	0	0	Square Feet
lement Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	8	Prestressed Concrete Girder 14									
Prestre	ssed Concrete Gi	rder									
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed	Concrete Open Girder/Beam	68	67	0	1	0 Feet				
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty				

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (20" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 2' FROM FACE OF BENT 27 CAP)

Span 28	3	Movable Bearing	14					
Movable	e Bearing							
Element Number	Element Name	9	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 umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 14						
Fixed B	earing							
Element Number		ne	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	8	Prestressed Cor	ncrete Gir	der 15				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	68	67	0	1	0 Feet	
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 15' FROM BENT 28)

Span 28	3	Movable Bearing	15					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	8	Fixed Bearing 15						
Fixed B	earing							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Movable Bearing	16					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Fixed Bearing 16						
Fixed B	earing							
Element Number	Element Nam	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28 Movable	B Bearing	Movable Bearing	17					
Element Number	Element Name	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	1	0	0	Square Feet
ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 28	3	Fixed Bearing 17						

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 28	3	Standard Joint 1						
Standa	rd Joint							
Element Number	Element Nar	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal		90	0	0	0	90 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 27 JOINT)

80 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 27 JOINT)

90 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 29	9	Reinforced Conc	rete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		6,427	1,776	0	4,651	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

4650 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1550 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (12" X 12" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK ABOVE BENT 29)

Span 29)	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		78	77	1	0	0	Feet
515	Steel Protective Coating		78	68	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Connection: Loose fasteners or pack rust without distortion is present but the connection is in place and functioning as intended. (LOOSE ATTACHMENT NUTS AT RAIL POST 8)
- 10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 29)	Prestressed Concrete Girder 1										
Prestres	ssed Concrete Gird	er										
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
109	Prestressed Co	ncrete Open Girder/Beam	77	75	2	0	0 Feet					
lement lumber	Defect Type	Defect Descriptio	on		cs	CS Qty	Maint Qty					

- 1 Feet of Patched Area: Patched area that is sound. (7" X 5" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 15' FROM FACE OF BENT 28 CAP)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3" DIAMETER X 1/8" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT BENT 29 CAP)

Span 29)	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Nam	ne	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Fixed Bearing 1						
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		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Prestressed Concrete Girder 2									
Prestre	ssed Concrete Gir	der									
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 77	CS1 Qty 69	CS2 Qty 5	CS3 Qty 3	CS4 Qty 0 Feet				
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty				

- 1 Feet of Patched Area: Patched area that is sound. (7" X 6" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM FACE OF BENT 28 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (6" X 5" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 27' FROM FACE OF BENT 28 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (12" X 6" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 31' FROM FACE OF BENT 29 CAP)
- 2 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (8" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR AND 3" DIAMETER X 1/2" DEEP FAILED REPAIR AND SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 29 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (10" X 5" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM FACE OF BENT 29 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 18' FROM FACE OF BENT 29 CAP)
- 1 Feet of Patched Area: Patched area that is sound. (9" X 6" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 11' FROM FACE OF BENT 29 CAP)

Span 29)	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Nan	ne	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Fixed Bearin	ng 2					
Fixed B	earing							
Element Number		it Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ing	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Na	me	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Fixed Bear	ing 3					
Fixed B	earing							
Element Number		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	oating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Fixed Beari	ing 4					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	9	Prestressed Co	oncrete Gird	der 5				
Prestre	essed Concrete Gi	rder						
Elemen Number	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	75	2	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

2 Feet of Patched Area: Patched area that is sound. (24" SECTION OF TWO (2) REPAIRS UP TO 9" X 4" IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 32" FROM FACE OF BENT 28 CAP)

Span 29)	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name	Э	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Nam	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
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	29	Prestressed C	Concrete Gird	der 6				
Prestre	essed Concrete Gir	der						
Elemen Numbe	· -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	Concrete Open Girder/Beam	77	76	1	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Patched Area: Patched area that is sound. (9" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 24.5' FROM FACE OF BENT 28 CAP)

Span 29	9	Rocker Bearing 6	i					
Rocker	Bearing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Fixed Bearing 6						
Fixed B	earing							
Element Number		e	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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Prestressed Con	crete Gir	der 7				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	55	16	6	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Patched Area: Patched area that is sound. (12" X 5" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 5' FROM BENT 28)
- 10 Feet of Patched Area: Patched area that is sound. (11' SECTION OF TEN (10) REPAIRS UP TO 10" X 6" IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24.5' FROM FACE OF BENT 28 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (9" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 35.5' FROM FACE OF BENT 28 CAP)
- 4 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (40" SECTION OF FOUR (4) FAILED REPAIRS AND SPALLS WITH EXPOSED REBAR UP TO 13" X 7" X 1/2" DEEP IN BOTTOM OF GIRDER, APPROXIMATELY 26' FROM FACE OF BENT 29 CAP)
- 2 Feet of Patched Area: Patched area that is sound. (18" SECTION OF 10" X 7" AND 18" X 6" REPAIRS IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 24' FROM FACE OF BENT 29 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (6" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 23' FROM FACE OF BENT 29 CAP)
- 3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (44" SECTION OF THREE (3) SPALLS WITH AND WITHOUT EXPOSED REBAR UP TO 5" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER, APPROXIMATELY 17' FROM FACE OF FACE OF BENT 29 CAP)

Span 29)	Rocker Bearing 7						
Rocker	Bearing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Fixed Bearing 7						
Fixed B	earing							
Element Number		ie	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	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29		Fixed Bearing	8					
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	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	pan 29 Prestressed Concrete Girder 9									
Prestre	ssed Concrete G	irder								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed	Concrete Open Girder/Beam	77	76	1	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

1 Feet of Patched Area: Patched area that is sound. (11" X 3" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 35.5' FROM BENT 28)

Span 29)	Rocker Bearing 9						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Fixed Bearing 9	9					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 2	9	Prestressed Cor	ncrete Gir	der 10				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	73	4	0	0 Feet	
Element Number	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	

General Comments

- 1 Feet of Patched Area: Patched area that is sound. (10" X 4" REPAIR IN BOTTOM OF GIRDER, APPROXIMATELY 32' FROM BENT 28)
- 3 Feet of Patched Area: Patched area that is sound. (30" SECTION OF THREE (3) REPAIRS UP TO 11" X 4" IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 35.5' FROM BENT 28)
- 1 Feet of Patched Area: Patched area that is sound. (11" X 5" REPAIR IN BOTTOM OF GIRDER NEAR MIDSPAN)

Span 29	9	Rocker Bearing 1	0					
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Fixed Bear	ring 10					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	

¹ Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29)	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number	Element Nam	e	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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Fixed Bearing 11						
Fixed B	earing							
Element Number		lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	l	4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Rocker Bearing 1	2					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

ement umber	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
515	Steel Protective 0	Coating	4	3	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 29	9	Fixed Bea	iring 12					

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 29	9	Standard J	oint 1					
Standa	rd Joint							
Element Number 301		Element Name Seal	Total Qty 132	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 132 Feet	
Element Number	Defect Type	Defect Desc	ription		cs c	S Qty	Maint Qty	

General Comments

LENGTH INCLUDES JOINT IN RAMP

27 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL IN VARIOUS LOCATIONS ALONG BENT 28 JOINT)

105 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 28 JOINT)

132 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 3	0	Reinforced C	oncrete Dec	k 1				
Reinfor	ced Concrete Deck							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete De	eck	5,722	1,072	0	4,650	0 Sc	quare Feet
Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	

General Comments

4650 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1550 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

Span 30)	Steel Rail 3						
Steel Ra	ail							
Element Number	Element Nar	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		78	78	0	0	0	Feet
515	Steel Protective Coating		78	68	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 30)	Prestressed Concrete Girder 1							
Prestre	ssed Concrete Gird	ər							
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestressed Co	ncrete Open Girder/Beam	77	76	0	1	0 Feet		
Element Number	Defect Type	Defect Descripti	ion		cs c	S Qty	Maint Qty		

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (9" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM FACE OF BENT 30 CAP)

Span 30)	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 1	l					
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 Coatin	ng	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 30	0	Prestressed Co	ncrete Gird	der 2				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	75	1	1	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (12" X 6" X 2" SPALL WITH EXPOSED STRAND AND REBAR IN FAILED REPAIR IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 24' FROM FACE OF BENT 29 CAP, SEE PHOTO)

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (7" X 2" X 1 1/2" SPALL WITH EXPOSED REBAR IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 16' FROM FACE OF BENT 29 CAP)

Span 30)	Rocker Bearing 2						
Rocker	Bearing							
Element Number	Element Nam	e	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bear	ing 2					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	pating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Prestressed Concrete Girder 3									
Prestre	ssed Concrete Gird	der									
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed C	oncrete Open Girder/Beam	77	76	0	1	0 Feet				
Element Number	Defect Type	Defect Descript	ion		CS (CS Qty	Maint Qty				

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 9" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 18' FROM FACE OF BENT 29 CAP)

Span 30)	Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30		Fixed Bearing 3						
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		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	0	Prestressed Co	oncrete Gird	der 4				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	71	2	4	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 8" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 32' FROM FACE OF BENT 29 CAP)
- 2 Feet of Patched Area: Patched area that is sound. (32" SECTION OF 11" X 7" AND 14" X 5" REPAIRS IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 37' FROM FACE OF BENT 29 CAP)
- 3 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (46" SECTION OF THREE (3) SPALLS WITH EXPOSED REBAR UP TO 13" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 38' FROM FACE OF BENT 29 CAP)

Span 30		Rocker Bearing 4						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 4						
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0 Each	
515	Steel Protective Coatin	ng	4	3	1	0	0 Square	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30		Fixed Bearing 5						
Fixed B	earing							
Element Number	Element Nar	me	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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\bf 1}\ {\bf Square}\ {\bf Feet}\ {\bf of}\ {\bf Effectiveness}\ ({\bf Steel}\ {\bf Protective}\ {\bf Coatings}) \hbox{: Substantially effective}.$

Span 30)	Rocker Bea	ıring 6					
Rocker	Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	ting	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30		Fixed Bearing 6						
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		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30	0	Prestressed Con	crete Gir	der 7				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	72	3	2	0 Feet	
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 9" X 1" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 24.5' FROM FACE OF BENT 29 CAP, SEE PHOTO)

- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" DIAMETER X 1/2" DEEP SPALL IN BOTTOM OF GIRDER AT HOLD DOWN POINT, APPROXIMATELY 23.5' FROM FACE OF BENT 29 CAP)
- 1 Feet of Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. (6" FIA X 1/2" DEEP FAILED REPAIR AND SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 25' FROM FACE OF BENT 29 CAP)
- 2 Feet of Patched Area: Patched area that is sound. (18" X 7" X 3" REPAIR IN BOTTOM AND LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 26' FROM FACE OF BENT 29 CAP)

Span 30)	Rocker Bearing 7	•					
Rocker	Bearing							
Element Number	Element I	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating	g	4	3	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 7						
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 Coatin	ng	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Prestressed Concrete Girder 8										
Prestre	ssed Concrete Gird	der										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
109	Prestressed C	oncrete Open Girder/Beam	77	76	0	1	0 Feet					
Element Number	Defect Type	Defect Descripti	ion		CS (CS Qty	Maint Qty					

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 28' FROM FACE OF BENT 29 CAP)

Span 30)	Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 8						
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		4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Prestressed Cond	crete Gir	der 9				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	Concrete Open Girder/Beam	77	72	4	1	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 3 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (3' SECTION OF FOUR (4) SPALLS WITH AND WITHOUT EXPOSED REBAR UP TO 13" X 3" X 1/4" DEEP IN BOTTOM OF GIRDER, BEGINNING APPROXIMATELY 30 FROM FACE OF BENT 29 CAP)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (11" X 5" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER NEAR MIDSPAN)
- 1 Feet of Delamination: Delaminated. (6" DIAMETER AREA OF DELAMINATION IN BOTTOM OF GIRDER, APPROXIMATELY 7' FROM BENT 30)

Span 30)	Rocker Bearing 9						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 9						
Fixed B	earing							
Element Number		ame	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
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	30 Prestressed Concrete Girder 10									
Prestre	essed Concrete C	Girder								
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestresse	d Concrete Open Girder/Beam	77	74	3	0	0 Feet			
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty			

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (8" X 3" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 1' FROM BENT 30)

2 Feet of Exposed Rebar: Present without measurable section loss. (TWO (2) AREAS OF EXPOSED REBAR UP TO 10" X 3" IN BOTTOM OF GIRDER, APPROXIMATELY 20' FROM BENT 30)

Span 30)	Rocker Bearing 1	0					
Rocker	Bearing							
Element Number		ame	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

lement lumber	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	
515	Steel Protective Coating)	4	3	1	0	0	Square Feet
313	Fixed Bearing		1	0	1	0	0	Each
Element Number	Element I	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Bo	earing							
Span 30		Fixed Bearing 1	0					

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Prestressed Cor	ncrete Gird	der 11				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	77	74	2	1	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Feet of Exposed Rebar: Present without measurable section loss. (6" X 1" AREA OF EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 24' FROM BENT 30)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (12" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 22' FROM BENT 30)
- 1 Feet of Delamination: Delaminated. (6" DIAMETER AREA OF DELAMINATION IN BOTTOM OF GIRDER, APPROXIMATELY 6' FROM BENT 30)

Span 30)	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Fixed Bearing 11						
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		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 30)	Standard Jo	oint 1					
Standar	rd Joint							
Element Number 301		ement Name Seal	Total Qty 70	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 70 Feet	
Element Number	Defect Type	Defect Descr	ription		CS (CS Qty	Maint Qty	

General Comments

10 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 29 JOINT)

60 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 29 JOINT)

70 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 3	1	Reinforced Concrete Deck 1							
Reinfor	ced Concrete Deck								
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
12	Reinforced Concrete	Deck	7,014	1,313	0	5,701	0	Square Feet	
Element Number	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty		

1900 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

- 1 Square Feet of Patched Area: Patched area that is sound. (17" X 9" REPAIR IN TOP OF DECK ALONG BENT 30 JOINT IN OUTSIDE WESTBOUND THRU LANE)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. in diameter. Does not warrant structural review. (18" X 5" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK IN BAY 7, APPROXIMATELY 2' FROM BENT 30)

Span 31		Steel Rail 3						
Steel Ra	ail							
Element Number 330	Element Name Metal Bridge Railing		Total Qty 95	CS1 Qty 95	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Feet
515	Steel Protective Coating		95	85	10	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 31	l	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31	1	Fixed Bear	ing 1					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31	I	Prestressed Con	crete Gir	der 2				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	95	67	0	28	0 Feet	
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty	

General Comments

- 1 Feet of Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (8" X 5" FAILED EPOXY REPAIR WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 30' FROM BENT 30)
- 25 Feet of Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (UP TO 20" X 5" AREAS OF FAILED EPOXY REPAIRS WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT MIDSPAN, SEE PHOTO)
- 2 Feet of Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (TWO (2) AREAS OF FAILED EPOXY REPAIRS WITH EXPOSED REBAR UP TO 10" X 4" IN BOTTOM OF GIRDER, APPROXIMATELY 14' AND 21' FROM BENT 31)

Span 31	I	Rocker Bearing 2						
Rocker	Bearing							
Element Number 311	Element Name Movable Bearing		Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel Protective Coating		4	3	1	0	_	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	_

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31 Fixed B		Fixed Bearing]					
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Co	ating	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Co	oncrete Gird	der 3				
Prestre	ssed Concrete Gird	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	oncrete Open Girder/Beam	95	94	0	1	0 Feet	
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

1 Feet of Patched Area: Patched area that is unsound or showing distress. Does not warrant structural review. (6" X 3" FAILED EPOXY REPAIR WITH EXPOSED REBAR IN BOTTOM OF GIRDER NEAR MIDSPAN)

Span 31		Rocker Bearing 3						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 3						
Fixed B	earing							
Element Number	Element Nam	Э	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Cor	ncrete Gir	der 4				
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (Concrete Open Girder/Beam	95	94	1	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Exposed Rebar: Present without measurable section loss. (6" X 1" AREA OF EXPOSED REBAR IN BOTTOM OF GIRDER NEAR MIDSPAN)

Span 31	I	Rocker Bearing 4	1					
Rocker	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31	l	Fixed Bearing 4						
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		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Co	ncrete Gird	der 5				
Prestre	ssed Concrete Gir	der						
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 95	CS1 Qty 94	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descriptio			CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 4" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 16' FROM FACE OF BENT 30 CAP)

Span 31		Rocker Bearing 5						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Fixed Bearing 5						
Fixed B	Bearing							
Element Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coat	ng	4	3	1	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Rocker Bearing 6						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 6						
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		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed C	Concrete Gird	der 7				
Prestre	ssed Concrete Gir	der						
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 95	CS1 Qty 94	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descripti		94	cs	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (7" \times 3" \times 1/2" DEEP SPALL IN RIGHT FACE OF WEB AROUND LIFT HOLE, APPROXIMATELY 12" FROM END OF GIRDER AT BENT 30)

Span 31		Rocker Bearing 7						
Rocker	Bearing							
Element Number		9	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING NUTS ON ANCHOR BOLTS ON BOTH SIDES OF BEARING, SEE PHOTO)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 7						
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		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed C	Concrete Gird	der 8				
Prestre	ssed Concrete Gird	er						
Element Number	E	lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	oncrete Open Girder/Beam	95	93	0	2	0 Feet	
lement lumber	Defect Type	Defect Descripti	ion		CS (CS Qty	Maint Qty	

General Comments

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (14" X 8" X 1" DEEP SPALL WITH EXPOSED REBAR IN LEFT FACE OF BOTTOM CHAMFER, APPROXIMATELY 5" FROM END OF GIRDER AT BENT 30, SEE PHOTO)

Span 31		Rocker Bearing 8						
Rocker	Bearing							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 8						
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		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Con	crete Gir	der 9				
Prestre	ssed Concrete Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	95	91	4	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

4 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (FOUR (4) SPALLS WITH EXPOSED REBAR UP TO $7" \times 4" \times 1/2"$ DEEP IN BOTTOM OF GIRDER NEAR MIDSPAN)

Span 31		Rocker Bearing 9						
Rocker	Bearing							
Element Number	Element Nan	ne	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Fixed Bearing 9						
Fixed B	earing							
Element Number		ame	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
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31	1	Rocker Bearing 1	0					
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 umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 10						
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		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Co	oncrete Gird	der 11				
Prestre	essed Concrete Gi	rder						
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	95	94	1	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Delamination: Delaminated. (4" DIAMETER AREA OF DELAMINATION IN BOTTOM OF GIRDER, APPROXIMATELY 4' FROM FACE OF BENT 30 CAP)

Span 31	1	Rocker Bearing 1	1					
Rocker	Bearing							
Element Number		ame	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	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31		Fixed Bearing 11						
Fixed B	earing							
Element Number		e	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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Prestressed Cor	ncrete Gir	der 12				
Prestre	ssed Concrete Gi	rder						
Element Number	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	95	94	0	1	0 Feet	
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (15" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 6' FROM FACE OF BENT 30 CAP)

Span 31		Rocker Bearing 12	2					
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 31	1	Fixed Bear	ing 12					
Fixed B	earing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coa	iting	4	3	1	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	1	Standard J	oint 1					
Standa	rd Joint							
Element Number 301		nent Name al	Total Qty 76	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 76 Feet	
Element Number	Defect Type	Defect Desc	ription		CS C	CS Qty	Maint Qty	

- 15 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 30 JOINT)
- 61 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 30 JOINT)

76 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 32	2	Curved Concrete	Deck 1					
Curved	Concrete Deck							
Element Number 12	Element Nar Reinforced Concrete Deck		Total Qty 3,131	CS1 Qty 775	CS2 Qty 0	CS3 Qty 2,356	CS4 Qty 0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

2355 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANES)

785 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANES)

1 Square Feet of Patched Areas: Patched area that is unsound or showing distress. Does not warrant structural review. (46" X 5" FAILED REPAIR WITH 12" X 4" AREA OF DELAMINATION IN TOP OF DECK ALONG BENT 31 JOINT IN WESTBOUND MERGE LANE)

Span 32	2	Rocker Bearing 1						
Rocker	Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Movable Bearing	2					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Fixed Bearing 2						
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		1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness

Span 32	2	Movable Bearing	3					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Fixed Bearing 3						
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		1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness

Span 32	2	Movable Bearing	4					
Movable	e Bearing							
Element Number		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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- ${\tt 1 \ Square \ Feet \ of \ Effectiveness \ (Steel \ Protective \ Coatings): \ Substantially \ effective.}$

Span 32		Fixed Bearing 4						
Fixed B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness

Span 32	2	Movable Bearing	5					
Movable	e Bearing							
Element Number	Element Nam	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	1	0	0	Square Feet
lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	2	Fixed Bearing 5						
Fixed B	Bearing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coatin	g	1	0	0	1	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness

Span 32		Movable Bearing	6					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Movable Bearing	7					
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

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32 Movable	2 e Bearing	Movable Bearing	8					
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
311 515	Movable Bearing Steel Protective Coating		1	0	1	0	_	Each Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Prestressed C	Concrete Gird	der 9				
Prestres	ssed Concrete Gird	er						
Element Number	El	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109 Element Number	Defect Type	ncrete Open Girder/Beam Defect Descript	41 ion	36	CS	5 CS Qty	0 Feet Maint Qty	

General Comments

5 Square Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. (5 1/2" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR AND UP TO 12" X 0.03" HORIZONTAL CRACKS IN BOTTOM FLANGE ON RIGHT SIDE EXTENDING FROM END OF GIRDER AT BENT 31, SEE PHOTO)

Span 32	2	Movable Bearing	9					
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	

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Fixed Bearing 9						
Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review. (MISSING ANCHOR BOLT NUT ON RIGHT SIDE AT END BENT 2, SEE PHOTO)
- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	2	Prestressed Co	oncrete Gird	der 10				
Prestre	ssed Concrete Gi	rder						
Element Number 109		Element Name Concrete Open Girder/Beam	Total Qty 41	CS1 Qty 39	CS2 Qty 2	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Description	วท		CS (CS Qty	Maint Qty	

General Comments

- 1 Feet of Delamination: Delaminated. (6" X 3 1/2" AREA OF DELAMINATION IN BOTTOM FLANGE ON RIGHT SIDE AT END OF GIRDER AT END BENT 2)
- 1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (4" X 1 1/2" X 1/8" DEEP SPALL WITH EXPOSED REBAR IN TOP CHAMFER ON RIGHT SIDE, APPROXIMATELY 3' FROM END OF GIRDER AT BENT 31)

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

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 3	2	Prestressed Co	ncrete Gird	der 11				
Prestre	ssed Concrete G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed	Concrete Open Girder/Beam	41	40	1	0	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

¹ Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (5" X 2 1/2" X 1/2" DEEP SPALL IN BOTTOM

FLANGE ON RIGHT SIDE AT END OF GIRDER AT END BENT 2

Span 32)	Movable Bearing	11					
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311 515	Movable Bearing		1	0	1	0	_	Each
Element Number	Steel Protective Coating Defect Type	Defect Description	1	0	CS	0 CS Qty	0 Maint Qty	Square Feet

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32 Rocker	2 Bearing	Rocker Bearing 1	2					
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	•	Each
515	Steel Protective Coating		4	3	1	0	0	Square Feet
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Substantially effective.

Span 32	2	Standard Joint 1						
Standar	rd Joint							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal		76	0	0	0	76 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

7 Feet of Seal Damage: Punctured completely through, pulled out, or missing. (MISSING JOINT MATERIAL ALONG BENT 31 JOINT IN WESTBOUND LANES)

69 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 31 JOINT)

76 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span 33	3	Reinforced Concrete Deck 1						
Reinfor	ced Concrete Deck							
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concre	ete Deck	1,770	861	9	900	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANE)

360 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANE)

9 Square Feet of Patched Area: Patched area that is sound. (41" X 29" REPAIR IN TOP OF DECK ALONG BENT 28 JOINT IN LEFT SHOULDER OF EASTBOUND RAMP)

5 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (52" X 0.06" TRANSVERSE CRACK IN TOP OF DECK IN TRAVEL LANE, APPROXIMATELY 3" FROM BENT 28 JOINT)

Span 33	3	Prestressed Concrete Girder 1							
Prestre	ssed Concrete C	Girder							
	Element Total CS1 CS2 CS3 CS4 Number Element Name Qty Qty Qty Qty Qty								
109	Prestresse	d Concrete Open Girder/Beam	60	55	5	0	0 Feet		
Element Number	Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty		

General Comments

4 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (UP TO 5" X 5" X 1/2" DEEP SPALLS WITH EXPOSED REBAR IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF GIRDER)

1 Feet of Delamination: Delaminated. (8" X 5" AREA OF DELAMINATION IN BOTTOM OF GIRDER NEAR MIDSPAN)

Span 3	an 34 Reinforced Concrete Deck 1							
Reinfor	ced Concrete Deck							
Element Number		•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		1,770	870	0	900	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

900 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANE)

360 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANE)

Span 3	4	Prestressed Concrete Girder 1							
Prestre	essed Concrete G	irder							
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
109	Prestressed	Concrete Open Girder/Beam	60	45	0	15	0 Feet		
Element Number	Defect Type	Defect Descriptio	n		CS C	S Qty	Maint Qty		

General Comments

PRIORITY MAINTENANCE: 4 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (45" X 7" X 2" DEEP SPALL WITH EXPOSED STRAND AND REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 16' FROM BENT 32 CAP, SEE PHOTO)

9 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (NINE (9) SPALLS WITH EXPOSED REBAR UP TO 16" X 6" X 1/2" DEEP IN BOTTOM GIRDER NEAR MIDSPAN)

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (TWO (2) SPALLS WITH EXPOSED REBAR UP TO 6" X 6" X 1/2" DEEP IN BOTTOM OF GIRDER, APPROXIMATELY 14' AND 18' FROM BENT 32 CAP)

Span 3	4	Prestressed Concrete Girder 2								
Prestre	essed Concrete Gi	rder								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed	Concrete Open Girder/Beam	60	59	0	1	0 Feet			
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty			

General Comments

1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (6" X 5" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER AT EMBEDDED PLATE AT BENT 32)

Span 34	L .	Standard Jo	int 1					
Standar	d Joint							
Element Number 301		ment Name eal	Total Qty 24	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 24 Feet	
Element Number	Defect Type	Defect Descri	ption		CS (CS Qty	Maint Qty	

General Comments

- 12 Feet of Debris Impaction: Completely filled and impacts joint movement. (DIRT AND DEBRIS ACCUMULATION ALONG BENT 32 JOINT IN BOTH SHOULDERS)
- 24 Feet of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 32 JOINT)
- 24 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

5	Reinforced Concrete Deck 1						
ced Concrete Deck							
Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinforced Concret	e Deck	1,828	922	0	906	0	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
	ced Concrete Deck Eleme Reinforced Concrete	Element Name Reinforced Concrete Deck	Ced Concrete Deck Total Element Name Qty Reinforced Concrete Deck 1,828	Ced Concrete Deck Element Name Qty Qty Reinforced Concrete Deck 1,828 922	Ced Concrete Deck Total CS1 CS2 Element Name Qty Qty Qty Reinforced Concrete Deck 1,828 922 0	Ced Concrete Deck Total CS1 CS2 CS3 Element Name Qty Qty Qty Qty Qty Reinforced Concrete Deck 1,828 922 0 906	Ced Concrete Deck Element Name Total CS1 CS2 CS3 CS4 Qty

- 900 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING IN TOP OF DECK THROUGHOUT TRAVEL LANE)
- 360 Square Feet of Abrasion/Wear: Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. (WORN CONCRETE IN TOP OF DECK THROUGHOUT TRAVEL LANE)
- 1 Square Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (26" X 19 1/2" X 6" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF DECK AT RAMP END BENT 2, SEE PHOTO)
- 5 Square Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (30" X 26" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF LEFT OVERHANG ALONG EDGE OF DECK AT RAMP END BENT 2)

Span 35	5	Prestressed Concrete Girder 1								
Prestres	ssed Concrete Girde	r								
Element Number	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed Con-	crete Open Girder/Beam	60	59	1	0	0 Feet			
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty			

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (6" X 1 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN LEFT FACE OF TOP FLANGE, APPROXIMATELY 9" FROM END OF GIRDER AT RAMP END BENT 2)

Span 3	5	Prestressed Concrete Girder 2								
Prestre	ssed Concrete Gir	der								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
109	Prestressed C	Concrete Open Girder/Beam	60	59	1	0	0 Feet			
Element Number	Defect Type	Defect Description	า		cs	CS Qty	Maint Qty			

General Comments

1 Feet of Spall: Spall 1 in. or less deep or 6 in. or less in diameter. (7" X 1 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN LEFT FACE OF TOP FLANGE, APPROXIMATELY 19" FROM END OF GIRDER AT RAMP END BENT 2)

Span 3	5	Prestressed Concrete Girder 4							
Prestre	ssed Concrete (Girder							
Element Number	· · · · · · · · · · · · · · · · · · ·								
109	Prestresse	d Concrete Open Girder/Beam							
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (7" X 6" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 12" FROM FACE OF BENT 33 BEARING)
- 1 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 7" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF GIRDER, APPROXIMATELY 19' FROM BENT 33 CAP)

Span 3	5	Prestressed Concrete Girder 5								
Prestre	essed Concrete Gir	der								
Elemen Number	-	Element Name	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
109	Prestressed (Concrete Open Girder/Beam	60	57	1	2	0 Feet			
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty			

General Comments

2 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (10" X 7" X 1/2" DEEP SPALL AND 9" X 6" AREA OF DELAMINATION IN LEFT FACE OF BOTTOM FLANGE, APPROXIMATELY 5" FROM END OF GIRDER AT RAMP END BENT 2, SEE PHOTO)

2 Feet of Exposed Rebar: Present without measurable section loss. (13" X 1" AREA OF EXPOSED REBAR IN LEFT FACE OF TOP FLANGE, APPROXIMATELY 19" FROM END OF GIRDER AT RAMP END BENT 2)

Span 3	5	Standard Joint	1					
Standa	rd Joint							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal		24	0	0	0	24 Feet	
Element Number	Defect Type	Defect Description	n		CS C	S Qty	Maint Qty	

General Comments

10 Feet of Debris Impaction: Completely filled and impacts joint movement. (DIRT AND DEBRIS ACCUMULATION ALONG BENT 33 JOINT IN BOTH SHOULDERS)

 $24\ {\rm Feet}$ of Seal Adhesion: Complete loss of adhesion. (UP TO 100% SEPARATION OF JOINT MATERIAL ALONG LENGTH OF BENT 33 JOINT)

24 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Element Condition and Maintenance Data

Structure Number: 640013 Inspection Date: 03/08/2017

Bent 1		Reinforced Concrete Pier Cap 1							
Reinfo	Reinforced Concrete Pier Cap								
Elemen Numbei		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced Conc	rete Pier Cap	61	0	0	61	0 Feet		
Element Number	Defect Type	Defect Description	ı		CS (CS Qty	Maint Qty		

General Comments

61 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT SPAN 1 FACE OF CAP, CRACKS BENEATH GIRDER 2 SHOWN IN PHOTO)

1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (6" X 4" AREA OF HAIRLINE MAP CRACKING AND AREA OF DELAMINATION IN SPAN 1 FACE BENEATH BAY 2)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 1	Bent 1 Reinforced Concrete Column 2							
Reinforced Concrete Column								
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Patched Area: Patched area that is sound. (40" X 8" PRIORITY MAINTENANCE REPAIR WITH UP TO 0.009" HORIZONTAL CRACKS IN SOUTHWEST FACE OF COLUMN AT BOTTOM OF CAP, SEE PHOTO)

End Be	ent 1	Reinforced Concr	ete Abut	ment 1				
Reinfor	Reinforced Concrete Abutment							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concre	te Abutment	70	70	0	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

ABUTMENT LENGTH INCLUDES WINGWALLS

End Be	nt 1	ete Pier	Cap 1					
Reinfor	ced Concrete Pier Cap							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Ca	р	63	47	0	16	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

3 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (33" X 29" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN FACE OF CAP BENEATH GIRDER 1)

13 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 156" X 34" AREAS OF MAP CRACKING IN FACE AND RIGHT END OF CAP, CRACKS IN FACE OF CAP BENEATH GIRDER 9 SHOWN IN PHOTO)

End Be	nt 1	Steel Pile	1					
Steel Pi	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	1	0 Each	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 9" X 6" AREA OF SECTION LOSS IN FLANGES, CONDITION IN FAR FLANGE SHOWN IN PHOTO)

End Be	nt 1	Steel Pile 2	2					
Steel Pi	ile							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH 2 1/2" X 1/4" RESIDUAL FLANGES, CONDITION ON LEFT SIDE SHOWN IN PHOTO)

End Be	ent 1	Steel P	ile 3					
Steel P	ile							
Elemen Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect	Description		cs	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH 6" X 7/8" RESIDUAL FLANGES, CONDITION IN FAR FLANGE ON LEFT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel Pile 4						
Steel Pi	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225 Element	Steel Pile	Defeat Decoriation	. 1	0	0	1	0 Each Maint	
Number	Defect Type	Defect Description	l		CS (CS Qty	Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 2" X 2" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE ON RIGHT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel Pile 5						
Steel P	ile							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH 2" X KNIFE'S EDGE RESIDUAL FLANGES, CONDITION IN FAR FLANGE ON RIGHT SIDE SHOWN IN PHOTO)

End Be	nt 1	St	eel Pile 6						
Steel Pi	le								
Element Number 225		Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN FLANGES WITH UP TO 3" X 2" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE ON LEFT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel P	ile 7					
Steel Pi	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	1	0 Each	
Element Number	Defect Type	Defect	Description		CS C	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN FLANGES WITH UP TO 3" X 3" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE ON LEFT SIDE SHOWN IN PHOTO)

End Ber	nt 1	Steel Pile	e 8					
Steel Pi	le							
Element Number 225	Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 2" X 1" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE ON RIGHT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel P	ile 9					
Steel Pi	le							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect	Description		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 6" X 4" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE SHOWN IN PHOTO)

End Ber	nt 1	Steel Pile	10					
Steel Pi	le							
Element Number 225	Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH 2" X KNIFE'SOUTH EDGE RESIDUAL FLANGE, CONDITION IN FAR FLANGE ON RIGHT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel Pil	e 11					
Steel Pi	ile							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect D	escription		CS	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 3" X 3" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE SHOWN IN PHOTO)

End Be	nt 1	Steel Pile 1	2					
Steel P	ile							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Desc	ription		CS (CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN FLANGES WITH 2" X KNIFE'S EDGE RESIDUAL FLANGE, CONDITION IN FAR FLANGE ON RIGHT SIDE SHOWN IN PHOTO)

End Be	nt 1	Steel Pile 1	3					
Steel Pi	le							
Element Number 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

General Comments

PRIORITY MAINTENANCE: 1 Feet of Corrosion: Section Loss is evident or pack rust is present but does not warrant structural review. (SCALING AND PACK RUST IN WEB AND FLANGES WITH UP TO 4" X 3" AREA OF LOSS OF SECTION IN FLANGES, CONDITION IN FAR FLANGE SHOWN IN PHOTO)

Bent 2		Reinforced Concrete Pier Cap 1							
Reinfo	rced Concrete Pier	Сар							
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced C	oncrete Pier Cap	61	30	1	30	0 Feet		
Element Number	Defect Type	Defect De	escription		CS	CS Qty	Maint Qty		

General Comments

1 Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (13" TRANSVERSE AND VERTICAL HAIRLINE CRACK WITH EFFLORESCENCE IN TOP AND SPAN 2 FACE OF CAP AT RIGHT END)

30 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

End Be	nt 2	Reinforced Concrete Abutment 1							
Reinfor	ced Concrete Abutn	nent							
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
215	Reinforced Con	crete Abutment	120	120	0	0	0 Feet		
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty		

General Comments

ABUTMENT LENGTH INCLUDES WINGWALLS

End Be	nt 2	Reinforced Concrete Pier Cap 1						
Reinfor	ced Concrete Pier	Сар						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Co	oncrete Pier Cap	87	75	12	0	0 Feet	
Element Number	Defect Type	Defect	Description		CS	CS Qty	Maint Qty	

General Comments

12 Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (UP TO FULL HEIGHT VERTICAL HAIRLINE CRACKS WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT FACE OF CAP, CRACKS BENEATH GIRDER 9 SHOWN IN PHOTO)

Bent 3		Reinforced Concrete Pier Cap 1								
Reinfor	Reinforced Concrete Pier Cap									
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete Pier	Сар	61	32	29	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

28 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE SPACED 12" TO 16" APART IN BOTTOM OF CAP BETWEEN COLUMNS)

1 Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (9" VERTICAL HAIRLINE CRACK WITH EFFLORESCENCE IN SPAN 3 FACE OF CAP AT LEFT END)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 4		Reinforced Concrete Pier Cap 1							
Reinfor	ced Concrete Pier Cap								
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced Concrete Pier	Сар	61	48	12	1	0 Feet		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

12 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE SPACED 12" TO 16" APART IN BOTTOM OF CAP BETWEEN COLUMNS)

1 Feet of Spall: Spall greater than 1 inch deep or greater than 6 inches in diameter. Condition does not warrant structural review. (16" X 6" X 1" DEEP SPALL WITH EXPOSED REBAR IN SPAN 5 FACE OF CAP ABOVE COLUMN 1, SEE PHOTO)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 4		Reinforced Concrete Column 1								
Reinfor	ced Concrete Column									
Element Number 205			Total Qty	CS1 Qty	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Each			
Element Number	Defect Type	Defect Description	'	'	cs	CS Qty	Maint Qty			

General Comments

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAY 2 OF SPANS 4 AND 5 $\,$

Bent 5		Reinforced Concrete Pier Cap 1						
Reinfo	ced Concrete Pier C	Cap						
Elemen Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Con-	crete Pier Cap	61	41	0	20	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

14 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE SPACED 8" TO 16" APART IN BOTTOM OF CAP BETWEEN COLUMNS)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

36" X 42" X UP TO 3" DEEP DIRT AND DEBRIS ACCUMULATION ON TOP OF CAP BENEATH BAY 2

Bent 5	ent 5 Reinforced Concrete Column 1							
Reinfor	ced Concrete Column							
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	ı	1	1	0	0	0 Each	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAYS 2 AND 3 OF SPAN 6

Bent 6		Reinforced Concrete Pier Cap 1						
Reinfo	rced Concrete Pier Cap)						
Elemen Numbei		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concre	te Pier Cap	61	0	0	61	0 Feet	
Element Number	Defect Type	Defect Descrip	tion		CS C	S Qty	Maint Qty	

General Comments

52 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.016" MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT BOTH FACES AND RIGHT END OF CAP)

1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/16" TRANSVERSE, DIAGONAL AND MAP CRACKS WITH EFFLORESCENCE IN TOP AND LEFT END OF CAP, EXTENDING FROM LEFT SIDE OF GIRDER 1 BEARING IN SPAN 6, SEE PHOTO)

9 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (108" X 36" AREA OF UP TO 1/16" MAP CRACKING WITH AND WITHOUT EFFLORESCENCE WITH 21" X 15" AREA OF DELAMINATION IN SPAN 6 FACE OF CAP BENEATH GIRDER 5, SEE PHOTO)

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF CAP BETWEEN COLUMNS)

VEGETATION GROWTH ON SPAN 6 FACE OF CAP BENEATH GIRDER 2 EXTENDING TO BOTTOM OF DECK IN BAY 2 OF SPAN 6

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 6	Reinforced Concrete Column 2								
Reinfor	ced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	1	0	0	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAYS 6 AND 7 OF SPANS 6 AND 7, CONDITION IN SPAN 6 SHOWN IN PHOTO

Bent 7	Reinforced Concrete Pier Cap 1							
Reinfor	ced Concrete Pier Ca	р						
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concre	ete Pier Cap	63	22	21	20	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES AND ENDS OF CAP)

20 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (TRANSVERSE HAIRLINE CRACKS WITH EFFLORESCENCE SPACED 12" TO 20" APART IN BOTTOM OF CAP BETWEEN COLUMNS)

1 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (17" X 0.016" VERTICAL CRACK IN SPAN 8 FACE OF CAP TO RIGHT OF GIRDER 7)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 7		Reinforced Concr	ete Colu	mn 2				
Reinfor	ced Concrete Column							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205 Element	Reinforced Concrete Column		1	0	0	1	0 Each Maint	
Number	Defect Type	Defect Description			CS	CS Qty	Qty	

General Comments

1 Each of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (11" HORIZONTAL HAIRLINE CRACK AND 53" VERTICAL HAIRLINE CRACK IN SOUTHWEST FACE OF COLUMN, APPROXIMATELY 9" FROM BOTTOM OF CAP)

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 10' X FULL CIRCUMFERENCE AREA OF UP TO 0.04" MAP CRACKING THROUGHOUT COLUMN NEAR GROUND LINE, CRACKS IN SOUTHWEST FACE SHOWN IN PHOTO)

Bent 8		Reinforced Concrete Pier Cap 1							
Reinfo	ced Concrete Pier	Сар							
Elemen Number		Element Name	Tota Qt		CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced Co	oncrete Pier Cap	6	3 0	0	63	0 Feet		
Element Number	Defect Type	Defe	ct Description		CS	CS Qty	Maint Qty		

General Comments

63 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT BOTH FACES AND ENDS OF CAP)

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF CAP BETWEEN COLUMNS)

2 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 3/16" TRANSVERSE AND VERTICAL CRACK AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN TOP AND SPAN 9 FACE OF CAP, EXTENDING FROM LEFT SIDE OF GIRDER 1 BEARING IN SPAN 9, SEE PHOTO)

1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/8" TRANSVERSE AND VERTICAL CRACK WITH EFFLORESCENCE IN LEFT END OF CAP, EXTENDING FROM LEFT SIDE OF GIRDER 1 BEARING IN SPAN 9, SEE PHOTO)

Bent 8		Reinforced Concrete Column 1								
Reinfor	ced Concrete Column									
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
205	Reinforced Concrete Column		1	0	0	1	0 Each			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 30' X 0.016" VERTICAL CRACKS SPACED 6" TO 24" APART IN EAST FACE OF COLUMN)

Bent 9		Reinforced Concrete Pier Cap 1							
Reinfo	rced Concrete Pier	Сар							
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced Co	oncrete Pier Cap	61	21	0	40	0 Feet		
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty		

General Comments

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES AND ENDS OF CAP)

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF CAP BETWEEN COLUMNS)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 9		Reinforced Concrete Column 1							
Reinfor	ced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (18" DIAMETER AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN SOUTHEAST FACE OF COLUMN, APPROXIMATELY 1' FROM BOTTOM OF CAP)

Bent 10		Reinforced Concr	ete Pier	Cap 1				
Reinfor	ced Concrete Pier Cap							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Ca		61	10	0	51	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

30 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES AND ENDS OF CAP)

20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND MAP CRACKS WITH EFFLORESCENCE IN BOTTOM OF CAP BETWEEN COLUMNS)

1 Feet of Efflorescence/Rust Staining: Heavy build-up with rust staining. (21" X UP TO 0.025" VERTICAL CRACK WITH EFFLORESCENCE IN SPAN 11 FACE OF CAP TO LEFT OF GIRDER 1, SEE PHOTO)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 10)	Reinforced Concrete Column 1							
Reinfor	ced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT COLUMN)

Bent 10	ent 10 Reinforced Concrete Column 2							
Reinfor	ced Concrete Column							
Element Number 205			Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Description	· ·		cs	CS Qty	Maint Qty	

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.016" VERTICAL CRACKS AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN RIGHT FACE OF COLUMN, BEGINNING APPROXIMATELY 10' FROM BOTTOM OF CAP)

Bent 11		Reinforced Concrete Pier Cap 1								
Reinfor	ced Concrete Pier (Cap								
Element Number	ber Element Name Qty Qty Qty Qty Qty									
234	Reinforced Cor	ncrete Pier Cap	61	0	0	61	0 Feet			
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty			

General Comments

61 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.013" VERTICAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT BOTH FACES AND RIGHT END OF CAP)

25 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN BOTTOM OF CAP BETWEEN COLUMNS)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

 80° X 25° X UP TO 14" DEEP AREA OF DIRT ACCUMULATION AND VEGETATION GROWTH ON TOP OF CAP BENEATH BAY 4 (SEE PHOTO)

lement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
205	Reinforced Concrete Column		1	0	0	1	0 Each	
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Column							
Bent 11	Reinforced Concrete Column 2							

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.03" MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN, CRACKS IN SOUTHWEST FACE APPROXIMATELY 20' FROM GROUND LINE SHOWN IN PHOTO)

Bent 12	2	Reinforced Concrete Pier Cap 1						
Reinfor	ced Concrete Pier Cap							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier C	ар	62	1	0	61	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

61 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 84" X 0.02" HORIZONTAL, VERTICAL AND MAP CRACKS THROUGHOUT BOTH FACES AND RIGHT END OF CAP)

25 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF CAP BETWEEN COLUMNS)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

80" X 60" X UP TO 3" DEEP AREA OF DIRT ACCUMULATION ON TOP OF CAP BENEATH BAY 4

Bent 12		Reinforced Concrete Column 1						
Reinford	ced Concrete Column							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Colum	nn	1	0	0	1	0 Each	
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.02" VERTICAL AND MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN)

1 Each of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (18" X 9" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN SPAN 13 FACE AT BOTTOM OF COLUMN, SEE PHOTO)

Bent 12		Reinforced Conc	rete Colu	ımn 2				
Reinfor	Reinforced Concrete Column							
Element Number 205		• • •	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.02" VERTICAL AND MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN)

Bent 13	3	Reinforced Concrete Pier Cap 1						
Reinfo	ced Concrete Pier Cap							
Elemen Number		t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete	Pier Cap	62	41	11	10	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

11 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (UP TO 13" VERTICAL HAIRLINE CRACKS SPACED 24" TO 36" APART IN SPAN 14 FACE OF CAP BENEATH BAYS 1 AND 2, GIRDERS 6 AND 7, AND IN LEFT END)

10 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF CAP AT MIDLENGTH)

Bent 14	Bent 14 Reinforced Concrete Pier Cap 1								
Reinforced Concrete Pier Cap									
Element Number 234	Element Reinforced Concrete P		Total Qty 62	CS1 Qty 45	CS2 Qty 15	CS3 Qty 2	CS4 Qty 0 Feet		
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty		

General Comments

16 Feet of Cracking (RC and Other): Width less than 0.012 in. or spacing greater than 3.0 ft. (HORIZONTAL HAIRLINE CRACK IN SPAN 14 FACE OF CAP BENEATH BAYS 3 AND 4)

15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. (UP TO 26" X 0.013" VERTICAL CRACKS IN BOTH FACES OF CAP BENEATH BAYS 1, 2 AND 6 THRU 8)

2 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.016" MAP CRACKING WITH EFFLORESCENCE IN BOTH ENDS OF CAP)

Bent 14		Reinforced Concrete Footing 1								
Reinfor	ced Concrete Footir	g								
Element Number 220	Ele	ement Name crete Pile Cap/Footing	Total Qty 44	CS1 Qty 0	CS2 Qty 0	CS3 Qty 44	CS4 Qty 0 Feet			
Element Number	Defect Type	Defect Descrip				CS Qty	Maint Qty			

General Comments

44 Feet of Cracking (RC and Other): Width less than 0.012 in. or spacing greater than 3.0 ft. (UP TO 0.05" MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT)

Bent 15	5	Reinforced Concrete Pier Cap 1								
Reinfor	ced Concrete Pier C	гар								
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Con-	crete Pier Cap	62	62	0	0	0 Feet			
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty			

Bent 15	5	Reinforced Concrete Footing 1									
Reinfor	Reinforced Concrete Footing										
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
220	Reinforced Co	oncrete Pile Cap/Footing	44	0	0	44	0 Feet				
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty				

General Comments

44 Feet of Cracking (RC and Other): Width less than 0.012 in. or spacing greater than 3.0 ft. (UP TO 0.05" MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT, CONDITION IN SPAN 15 FACE AT COLUMN 2 SHOWN IN PHOTO)

2 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (56" X 17" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR ALONG TOP EDGE OF FOOTING AT LEFT END, SEE PHOTO)

Bent 17	7	Reinforced Concrete Pier Cap 1								
Reinfo	Reinforced Concrete Pier Cap									
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Co	ncrete Pier Cap	77	47	30	0	0 Feet			
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty			

General Comments

WEST TOWER PIER

77 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/16" VERTICAL, DIAGONAL AND MAP CRACKS WITH EFFLORESCENCE THROUGHOUT SPAN 16 FACE OF CAP, CRACKS ON RIGHT END SHOWN IN PHOTO)

Bent 17		Reinforced Concr	ete Colu	mn 1				
Reinfor	ced Concrete Column							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN)

Bent 17	7	Reinforced Concr	ete Colu	ımn 2				
Reinfo	rced Concrete Column							
Elemen Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN)

Bent 18		Reinforced Conci	rete Pier	Cap 1				
Reinfor	ced Concrete Pier Cap							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier C	Cap	77	76	0	1	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

EAST TOWER PIER

77 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/16" VERTICAL, DIAGONAL AND MAP CRACKS WITH EFFLORESCENCE THROUGHOUT SPAN 20 FACE OF CAP, CRACKS APPROXIMATELY 10' FROM RIGHT END SHOWN IN PHOTO)

4 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (48" X 1/4" HORIZONTAL CRACK IN SPAN 20 FACE OF CAP, APPROXIMATELY 6' FROM RIGHT END, SEE PHOTO)

Bent 18	3	Reinforced Concr	ete Colu	ımn 1				
Reinfor	ced Concrete Column							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Bent 18	3	Reinforced Concr	ete Colu	ımn 2				
Reinfor	ced Concrete Column							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Bent 20		Reinforced Concr	ete Pier	Cap 1				
Reinford	ced Concrete Pier Cap							
Element Number	Element N		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234 Element Number	Reinforced Concrete Pie	Defect Description	61	61	CS	0 CS Qty	0 Feet Maint Qty	

General Comments

Bent 21		Reinforced Conc	rete Pier	Cap 1				
Reinfor	ced Concrete Pier Cap							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier C	Cap	61	45	0	16	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 10 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTTOM OF CAP BETWEEN COLUMNS, SEE PHOTO)
- 2 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (36" X 24" AREA OF HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN SPAN 21 FACE OF CAP TO LEFT OF GIRDER 4)
- 1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (12" X 12" AREA OF HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN SPAN 21 FACE OF CAP TO LEFT OF GIRDER 6)
- 1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN RIGHT END OF CAP)
- 2 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TWO (2) 12" X 12" AREAS OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN SPAN 22 FACE OF CAP BENEATH BAY 5)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Reinforced Concrete Column				
Reinforced Congreto Column	Total Qty	CS1 CS Qty Qt	y Qty	CS4 Qty
205 Reinforced Concrete Column ement umber Defect Type Defect Des	cription	0 1 CS	0 CS Qty	0 Each Maint Qty

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 0.02" VERTICAL CRACKS IN RIGHT FACE OF COLUMN)

Bent 22	2	Reinforced Conci	rete Pier	Cap 1				
Reinfo	rced Concrete Pier C	ар						
Elemen Numbei		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Cond	crete Pier Cap	67	44	2	21	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

- 20 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (TRANSVERSE HAIRLINE AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT BOTTOM OF CAP BETWEEN COLUMNS)
- 1 Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (68" VERTICAL HAIRLINE CRACK WITH EFFLORESCENCE IN SPAN 22 FACE OF CAP BENEATH BAY 3)
- 1 Feet of Efflorescence/Rust Staining: Surface white without build-up or leaching without rust staining. (12" VERTICAL HAIRLINE CRACK WITH EFFLORESCENCE IN SPAN 22 FACE OF CAP BENEATH GIRDER 4)
- 1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN RIGHT END OF CAP)

UP TO 4" DEEP DEBRIS AND DIRT ACCUMULATION ON TOP OF CAP

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

					Cap 1	ete Pier	Reinforced Concr		Bent 23
								ed Concrete Pier Cap	Reinforc
	CS4 Qty	S3 Qty	C	CS2 Qty	CS1 Qty	Total Qty		Element Name	Element Number
	0 Feet Maint	3 ty	CS Qt	0 	40	43	Defect Description	Reinforced Concrete Pier Cap Defect Type	234 Element
_	Maint Qty	ty	CS Qt	cs			Defect Description	Defect Type	Element Number

General Comments

3 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN SPAN 24 FACE OF CAP BENEATH GIRDER 2 AND BAY 5)

UP TO 3" DEEP DEBRIS AND DIRT ACCUMULATION ON TOP OF CAP IN SPAN 23

Bent 23	3	Reinforced Concr	ete Colu	ımn 4				
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	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 0.04" VERTICAL CRACKS IN LEFT AND RIGHT FACES OF COLUMN)

Bent 23	3	Reinforced Concr	ete Pier	Cap 2				
Reinfor	ced Concrete Pier Cap)						
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concre	te Pier Cap	37	34	0	3	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

3 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (32" X 28" AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN SPAN 24 FACE OF CAP BENEATH GIRDER 8)

UP TO 3" DEEP DEBRIS AND DIRT ACCUMULATION ON TOP OF CAP IN SPAN 23

Bent 24	Į.	Steel Pier Cap 1						
Steel P	ier Cap							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap		105	105	0	0	0	Feet
515	Steel Protective Coating	9	2,366	2,366	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BEARING 1: SCALING AND PACK RUST THROUGHOUT BOTTOM OF ROCKER BEARING

Bent 24	1	Reinforced Concrete Column 1							
Reinfor	Reinforced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE AT TOP OF COLUMN)

Bent 24		Reinforced Concrete Column 2							
Reinfor	Reinforced Concrete Column								
Element Number 205	Element Name Reinforced Concrete Column		Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each		
Element Number	Defect Type	Defect Description	'		CS	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 18" X 0.03" VERTICAL CRACKS WITH EFFLORESCENCE EXTENDING FROM TOP OF COLUMN)

Bent 25	i	Steel Pier Cap 1						
Steel Pier Cap								
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap		105	105	0	0	0	Feet
515	Steel Protective Coating		2,366	2,366	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BEARING 2: 24" X 3" AREA OF SCALING AND PACK RUST ALONG LEFT FACE OF ROCKER (SEE PHOTO)

Bent 25	Bent 25 Reinforced Concrete Column 1								
Reinfor	Reinforced Concrete Column								
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Colum	ın	1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty		

¹ Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/8" VERTICAL AND MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN, CRACKS IN RIGHT FACE SHOWN IN PHOTOS)

¹ Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/4" MAP CRACKING THROUGHOUT TOP OF COLUMN, SEE PHOTO)

Bent 25	5	Reinforced Concrete Column 2							
Reinfor	Reinforced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/16" VERTICAL AND MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN)

Bent 26	3	Reinforced Concrete Pier Cap 1							
Reinfor	Reinforced Concrete Pier Cap								
Element Number 234		nent Name ete Pier Cap	Total Qty 43	CS1 Qty 28	CS2 Qty 0	CS3 Qty 15	CS4 Qty 0 Feet		
Element Number	Defect Type	Defect Desc	cription		CS (CS Qty	Maint Qty		

General Comments

15 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 26		Reinforced Concrete Column 1							
Reinfor	Reinforced Concrete Column								
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	0	0	1	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 45" X 0.02" VERTICAL CRACK IN SOUTHWEST FACE OF COLUMN EXTENDING FROM GROUND LINE)

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 12" X FULL CIRCUMFERENCE AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT BOTTOM OF COLUMN)

Bent 26	6	Reinforced Concrete Column 2							
Reinfo	rced Concrete Column								
Elemen Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205 Element	Reinforced Concrete Column		1	0	1	0	0 Each Maint		
Number	Defect Type	Defect Description			CS	CS Qty	Qty		

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 93" X 0.02" VERTICAL CRACK IN NORTH FACE OF COLUMN EXTENDING FROM GROUND LINE)

Bent 26	i	Reinforced Concrete Column 3						
Reinforced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	0	1	0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 15' X 0.03" VERTICAL CRACK IN SOUTHWEST FACE OF COLUMN EXTENDING FROM GROUND LINE)
- 1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 24" X FULL CIRCUMFERENCE AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT BOTTOM OF COLUMN)

Bent 26	3	Reinforced Concrete Column 4						
Reinfor	Reinforced Concrete Column							
Element Number 205			Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. (UP TO 10' X 0.05" VERTICAL CRACKS THROUGHOUT COLUMN EXTENDING FROM GROUND LINE)
- 1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 18" X FULL CIRCUMFERENCE AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE THROUGHOUT BOTTOM OF COLUMN)

Bent 26	6	Reinfo	rced Concrete Pier	Cap 2				
Reinfor	ced Concrete Pie	r Cap						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced C	Concrete Pier Cap	44	26	0	18	0 Fe	et
Element Number	Defect Type	Defect	Description		CS	CS Qty	Maint Qty	

General Comments

18 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 27	7	Reinforced Concrete Pier Cap 1							
Reinfo	Reinforced Concrete Pier Cap								
Elemen Numbei	-	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
234	Reinforced Cond	crete Pier Cap	43	23	0	20	0 Feet		
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty		

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 27	Bent 27 Reinforced Concrete Pier Cap 2										
Reinfor	Reinforced Concrete Pier Cap										
Element Number		lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
234	Reinforced Cor	ncrete Pier Cap	54	21	0	33	0 Feet				
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty				

General Comments

30 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES AND BOTTOM OF CAP)

1 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 0.035" MAP CRACKS AND TRANSVERSE CRACK WITH AND WITHOUT EFFLORESCENCE IN BOTH FACES AND BOTTOM OF CAP, APPROXIMATELY 10' TO LEFT OF COLUMN 3, CRACKS IN SPAN 28 FACE SHOWN IN PHOTO)

3 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (30" X 20" AREA OF DELAMINATION WITH UP TO 0.03" MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN SPAN 27 FACE OF CAP BENEATH GIRDER 8, SEE PHOTO)

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 28	3	Reinforced Concrete Pier Cap 1							
Reinfor	ced Concrete Pier	Сар							
Element Number 234		Element Name oncrete Pier Cap	Total Qty 43	CS1 Qty 42	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Feet		
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty		

General Comments

1 Feet of Spall: Spall greater than 1 inch deep or greater than 6 inches in diameter. Condition does not warrant structural review. (2 1/4" DIAMETER X 1 1/4" DEEP SPALL IN SPAN 29 FACE OF CAP BENEATH GIRDER 6)

UP TO 3" DEEP DEBRIS AND DIRT ACCUMULATION ON TOP OF CAP IN SPAN 29

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 28	3	Reinforced Concrete Pier Cap 2									
Reinfor	Reinforced Concrete Pier Cap										
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
234	Reinforced Cond	crete Pier Cap	39	29	0	10	0 Feet				
Element Number	Defect Type	Defect Descri	otion		CS C	CS Qty	Maint Qty				

General Comments

10 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP)

Bent 28	t 28 Reinforced Concrete Pier Cap 3									
Reinfor	Reinforced Concrete Pier Cap									
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete Pier C	Cap	31	31	0	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 29)	Reinforced Concrete Pier Cap 1								
Reinfor	Reinforced Concrete Pier Cap									
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete Pier (Сар	45	45	0	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 29		Reinforced Concr	ete Colu	mn 4					
Reinfor	Reinforced Concrete Column								
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
205	Reinforced Concrete Column		1	1	0	0	0 Each		
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty		

General Comments

VEGETATION GROWTH ON SPAN 29 FACE OF COLUMN EXTENDING TO TOP OF CAP

Reinford	ced Concrete Pier Ca	Reinforced Conci						
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concr		33	33	0	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Bent 30		Reinforced	d Concrete Pier (Cap 1				
Reinfor	ced Concrete Pier Cap							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete	Pier Cap	49	49	0	0	0 Feet	
 Element Number	Defect Type	Defect Desc	cription		CS C	S Qty	Maint Qtv	

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 30	Bent 30 Reinforced Concrete Pier Cap 2									
Reinfor	Reinforced Concrete Pier Cap									
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Co	oncrete Pier Cap	34	34	0	0	0 Feet			
Element Number	Defect Type	Defect I	Description		CS	CS Qty	Maint Qty			

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 31		Reinforced Concrete Pier Cap 1								
Reinfor	Reinforced Concrete Pier Cap									
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete Pier Ca	ар	49	49	0	0	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 3	1	Reinforced Concrete Pier Cap 2								
Reinfo	Reinforced Concrete Pier Cap									
Elemen Numbe	=	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Conci	ete Pier Cap	34	34	0	0	0 Feet			
Element Number	Defect Type	Defect Descri	ption		cs c	S Qty	Maint Qty			

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 32	2	Reinforced Concrete Pier Cap 1								
Reinfo	Reinforced Concrete Pier Cap									
Elemen Number	-	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete	e Pier Cap	29	29	0	0	0 Feet			
Element Number	Defect Type	Defect Description			CS C	CS Qty	Maint Qty			

General Comments

Bent 33		Reinforced Concrete Pier Cap 1						
Reinfor	ced Concrete Pier Cap							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier	Сар	29	29	0	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OVCECF LEAKING JOINTS

Bent 35	Reinforced Concrete Abutment 1							
Reinfor	ced Concrete Abuti	ment						
Element Number		lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Cor	ncrete Abutment	53	0	0	53	0 Feet	
Element Number	Defect Type	Defect Description			CS (CS Qty	Maint Qty	

General Comments

RAMP END BENT 2

ABUTMENT LENGTH INCLUDES WINGWALLS

29 Feet of Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. (29' X 21" X 4" DEEP SPALL WITH EXPOSED REBAR IN FACE OF BACKWALL, CONDITION IN LEFT END SHOWN IN PHOTO)

53 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE THROUGHOUT FACE AND BOTH ENDS OF BACKWALL)

Bent 35	5	Reinforced Concrete Pier Cap 1						
Reinfo	rced Concrete Pier (Cap						
Element Number		lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Cor	ncrete Pier Cap	31	0	0	31	0 Feet	
Element Number	Defect Type	Defect Des	cription		CS (CS Qty	Maint Qty	

General Comments

RAMP END BENT 2

31 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. (UP TO 1/4" MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT FACE AND BOTH ENDS OF CAP, CONDITION BENEATH GIRDER 1 SHOWN IN PHOTO)

Element Condition and Maintenance Data

Structure Number: 640013 Inspection Date: 03/08/2017

=-				204	000	000	004	
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
 Element Number	Defect Type	Defect Des	cription		CS C	S Qty	Maint Qty	
0								

Elements Verfied

ocation	Name	Component	Element Name	Amount

General Inspection Notes

R	Δ	n	t	1
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ABUTMENT LENGTH INCLUDES WINGWALLS

Bent 15

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 2

ABUTMENT LENGTH INCLUDES WINGWALLS

Bent 20

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 24

BEARING 1: SCALING AND PACK RUST THROUGHOUT BOTTOM OF ROCKER BEARING

Bent 25

BEARING 2: 24" X 3" AREA OF SCALING AND PACK RUST ALONG LEFT FACE OF ROCKER (SEE PHOTO)

Bent 28

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 29

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 29

VEGETATION GROWTH ON SPAN 29 FACE OF COLUMN EXTENDING TO TOP OF CAP

Bent 30

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 31

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 32

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OF LEAKING JOINTS

Bent 33

STAINS IN VARIOUS LOCATIONS THROUGHOUT BOTH FACES OF CAP INDICATIVE OVCECF LEAKING JOINTS

Bent 4

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAY 2 OF SPANS 4 AND 5

Bent 5

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAYS 2 AND 3 OF SPAN 6

Bent 6

VEGETATION GROWTH ALONG HEIGHT OF COLUMN EXTENDING TO BOTTOM OF DECK IN BAYS 6 AND 7 OF SPANS 6 AND 7, CONDITION IN SPAN 6 SHOWN IN PHOTO

General Inspection Notes

Span 21 Median Rail

55 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 25

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 26

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 27

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 28

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 30

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

Span 31

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish coats only. (PAINT FLAKING AND PEELING IN VARIOUS LOCATIONS THROUGHOUT)

National Bridge and NC Inspection Items

Structure Number: 640013 Inspection Date: 03/08/2017

National Bridge Inventory Items

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

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C		0	3376
Drainage System	G, F, P, or C		0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C	F		
Response to Live Load	G, F, P, or C	F		
Estimated Remaining Life	0 - 100 Years			
Superstructure Paint Code				

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	75
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	
Bucket Truck Used	YES/NO	
Boat Used	YES/NO	
Other Equipment Used	YES/NO	Υ

National Bridge and NC SMU Inspection Item Details

Structure Number: 640013 Inspection Date: 03/08/2017

 Item
 Other Equipment Used
 Grade Y
 Maint Code
 Qty. 0

 Details ULTRASONICS MACHINE

 Item
 Movable Span Machinery
 Grade F
 Maint Code
 Qty. 0

Details (GEARS)

THE BULL AND RACK GEARS ARE OUT OF ALIGNMENT (LEFT TO RIGHT) UP TO 5/16" IN EAST AND WEST TOWERS. THE NORTHEAST LIFTING GEARS SHOW INDICATION OF AS MUCH AS 1/2" MISALIGNMENT ALONG THE PITCH LINE. GEARS IN EAST TOWER, NORTH SIDE HAVE AS MUCH AS 1/2" BACK AND FORTH MOVEMENT WHEN STRUCTURE IS LOADED. THERE IS ALOT OF BANGING NOISE THROUGHOUT THAT CORNER OF STRUCTURE. NORTHEAST AND SOUTHEAST BEARINGS TO EAST TOWER HAVE NEW SUPPORTS THAT HAVE HELPED LIMIT THE EXCESSIVE HORIZONTAL MOVEMENT, BUT VERTICAL MOVEMENT STILL OCCURS UNDER HEAVY LOADING (SEE PHOTOS)

GEARS #276 IN SOUTHEAST ROOM HAS 1/32" GROOVES ON TEETH (ALL SHOW THE SAME CONDITION THROUGHOUT LIFTING MACHINERY)

GEARS #271-1 IN SOUTHEAST ROOM HAS 1/32" GROOVES ON TEETH (GEAR 271-2 SHOWS 1/32" GROOVES ALSO)

GEARS #278 HAVE SEVERAL SMALL 1/8" GOUGES ON TEETH - SOUTHEAST ROOM, EAST TOWER

GEARS #271-2 HAS MINOR SCORING TO OPEN AND CLOSING SIDE OF TEETH.

GEARS #278 SHOWS 1/8" DEEP GOUGES IN FACE OF TEETH - NORTHWEST ROOM, EAST TOWER

GEARS #277 HAS A SMALL GOUGE IN TOP OF TOOTH - SOUTHWEST ROOM, WEST TOWER GEARS #276 HAVE 1/32' GROOVES ON OPEN AND CLOSING SIDE OF TEETH - SOUTHWEST ROOM, WEST TOWER

GEARS #277 HAVE 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TEETH AND A 1/16" CHIP TO LEFT EDGE OF TOOTH - NORTHWEST ROOM, WEST TOWER

GEARS 271-2 HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TEETH - NORTH WEST ROOM, WEST TOWER

(TRUNNIONS)

THE SOUTH TRUNNIONS IN THE WEST AND EAST TOWERS WERE DISASSEMBLED DURING THIS INSPECTION. THE TRUNNIONS ALONG WITH THERE INNER PARTS WHERE INSPECTED VISUALLY AND TESTED FOR CRACKS USING ULTRASONICS MACHINE. NO INDICATIONS OR CRACKS WERE FOUND DURING THIS INSPECTION; HOWEVER, A RACE BUSHING FROM THE NORTHEAST ROOM, INNER SOUTH TRUNNION WAS REPLACED DUE TO DEEP GROOVES AND EXCESSIVE WEAR TO THE PART. A BRONZE BUSHING FROM THE SOUTHWEST ROOM, INNER SOUTH TRUNNION THAT HAD DEEP GROOVES (UP TO +/- 1/32") WAS ALSO REPLACED (SEE PHOTOS FOR OLD PARTS AND NEW PARTS). THE INNER PLATE TO SOUTH TRUNNION IN NORTHEAST ROOM HAS A SERIES OF 1/16" DEEP KNICKS FOR A LENGTH OF 9" (SEE PHOTOS)

(LOCK BRAKES & OPERATING MACHINERY BRAKES)

WEST LOCK MACHINERY BRAKE (FAIR, NO PROBLEMS) EAST LOCK MACHINERY BRAKE (FAIR, NO PROBLEMS)

BRAKE 1 EAST OPERATING MACHINERY HAS 1/32" SURFACE RUST ON DRUM, PADS GOOD. FLUID LEVEL GOOD, BUT DIRTY.

BRAKE 2 AND 3 EAST OPERATING MACHINERY PADS ARE GOOD AND FLUID LEVEL IS GOOD AND CLEAN. BRAKE 1 WEST OPERATING MACHINERY FLUID LEVEL IS GOOD, BUT DIRTY.

BRAKES 2 AND 3 HAVE 1/32" SURFACE RUST ON DRUM. FLUID LEVELS GOOD AND CLEAN.

(SPEED REDUCER)

WEST SPEED REDUCER GOOD CONDITION & FLUID LEVEL GOOD. EAST SPEED REDUCER GOOD CONDITION & FLUID LEVEL GOOD.

EAST & WEST END SPEED REDUCER GEARS WERE INSPECTED, AND FLUID SAMPLES WERE TAKEN AND SENT TO LAB FOR TESTING.

(COUNTERWEIGHT CABLES)

ALL CABLES DRY. SURFACE RUST BEGINING TO FORM AT EXPOSED AREAS NEAR COUNTERWEIGHTS - WEST AND EAST TOWERS.

(PRIORITY MAINTENANCE)

PM ISSUED FOR PART #528-2, EAST TOWER - SEAL IS DRY ROTTED AND COMING OUT ON BOTH SIDES OF SHAFT

PM ISSUED FOR PART #304-4, WEST TOWER, NORTH ROOM - RUBBER SEAL IS PUSHED OUT 1/2"

(SEE SKETCHES FOR MACHINERY DETAILS: BUSHING CLEARANCES , GEAR MEASUREMENTS, BACKLASH, ROOT TO TIP MEASURMENTS, ETC.)



WEST END SPEED REDUCER BRAKE (FAIR)



WEST END SPEED REDUCER GEARS GOOD ,FLUID LEVELS GOOD (FLUID SAMPLE TAKEN)



GUIDE ROLLER HAS 3/8" GAP NORTH WEST SIDE



NEW SUPPORT TO SOUTH EAST FIXED BEARING HAS BEEN ADDED (NORTHEAST SIDE SAME) NOTE: STILL HAS VERTICAL MOVEMENT UNDER LIVELOAD.



EAST TOWER SPEED REDUCER BRAKE (FAIR) PADS FAIR



FLAT SPOT WORN ON WHEEL NORTH EAST LOWER TOWER ROLLER #54



GUIDE WHEEL ON NORTH EAST SIDE FROZEN.



NEW SUPPORT TO NORTH EAST FIXED BEARING HAS BEEN ADDED. (NOTE: STILL HAS VERTICAL MOVEMENT UNDER LIVELOADS)



NORTH EAST ROOM OUTSIDE (SOUTH INNER PLATE GOOD NO PROBLEMS FOUND)



NORTH EAST ROOM SOUTH OUTSIDE TRUNNION WITH INNER PLATE REMOVED FOR TESTING.



SOUTH EAST ROOM, SOUTH OUTSIDE TRUNNION BEING REASSEMBLED AND LUBED AFTER BEING TESTED WITH ULTRA SONICS MACHINE.



SOUTH EAST ROOM, INNER SOUTH SIDE CAP, RACE BUSHING, BRONZE BUSHINGS (NO PROBLEMS FOUND)



NORTH EAST ROOM INNER SOUTH SIDE BRONZE BUSHING HAS 1/32" GROOVES IN BRONZE RING.



SOUTH EAST ROOM INNER SOUTH SIDE BEARING RACE (GOOD)



SOUTH EAST ROOM INNER SOUTH SIDE TRUNNION PARTS.



NORTH EAST ROOM INNER SOUTH SIDE RACE BUSHING HAS SEVERAL DEEP GROOVES AND IS BEING REPLACED WITH NEW DURING THE 2017 INSPECTION.



SOUTH EAST ROOM SOUTH SIDE INNER TRUNNION FACE DISASSEMBLED.



NORTH EAST ROOM SOUTH SIDE INNER PLATE HAS A SERIES OF 1/16" KNICKS ALONG EDGE FOR A LENGTH OF 9"



NORTH EAST ROOM INNER SOUTH SIDE TRUNNION REPLACEMENT RACE BUSHING (NEW)



SOUTH EAST ROOM SOUTH SIDE OUTSIDE TRUNNION REASSEMBLED AFTER TEAR DOWN AND UT INSPECTION.



NORTH EAST ROOM SOUTH SIDE OUTSIDE TRUNNION REASSEMBLED AFTER TEAR DOWN AND UT INSPECTION.



GEARS #279 & 358 OPERATING MACHINERY EAST TOWER (GOOD CONDITION)



BRAKE #1 EAST OPERATING MACHINERY HAS 1/32" SURFACE RUST ON DRUM (PADS GOOD)



BRAKE #2 EAST OPERATING MACHINERY DRUM AND PADS GOOD. (FLUID LEVEL GOOD BUT DIRTY)



EAST TOWER OPERATING MACHINERY.



EAST AUXILARY DRIVE GEAR MOTOR BRAKE (GOOD)



SOUTH EAST ROOM GEAR # 276 HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE FACE OF TOOTH. (ALL SHOW THIS CONDITION #277 IN SOUTH EAST ROOM ALSO.)



SOUTH EAST ROOM GEAR 271-1 HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TEETH. (271-2 SHOWS SAME CONDITION)



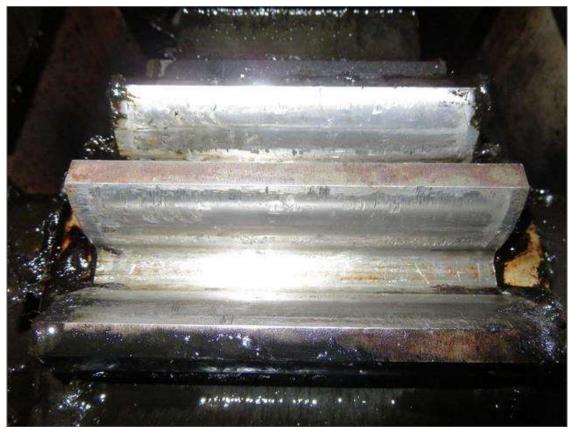
BACKLASH OF .072 WAS MEASURED FOR #277 & 271-1 GEARS IN SOUTH EAST ROOM.



BACKLASH OF .084 WAS MEASURED FOR #276 & 271-2 GEARS IN SOUTH EAST ROOM.



SOUTH EAST ROOM SOUTH INNER TRUNNION REASSEMBLED AFTER UT INSPECTION.



GEAR 278 IN SOUTH EAST ROOM HAS SEVERAL SMALL 1/16" GOUGES ON FACE OF TEETH.



OPERATING MACHINERY IN SOUTH EAST ROOM.



NORTH EAST ROOM GEAR 276 HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TEETH.



NORTH EAST ROOM GEAR 271-2 HAS MINOR SCORING TO OPEN AND CLOSING SIDE OF TEETH.



GEARS 278 & 357 IN NORTH EAST ROOM.



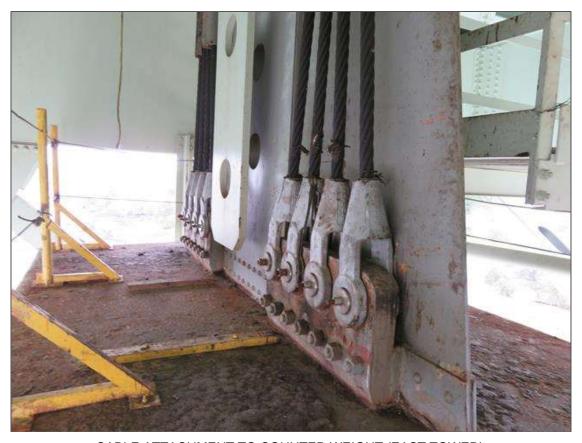
GEARS 278 HAS 1/16" DEEP GOUGES IN OPEN AND CLOSING SIDES OF TEETH.



BACKLASH OF .099 WAS MEASURED FOR #271-2 & 278 GEARS IN NORTH EAST ROOM.



OPERATING MACHINERY NORTH EAST ROOM.



CABLE ATTACHMENT TO COUNTER WEIGHT (EAST TOWER)



COUNTER WEIGHT CABLES SHOW EARLY STAGES OF SURFACE RUST AND NEED GREASING SOUTH EAST TOWER PICTURED ALL CABLES NEED TO BE GREASED.



BRONZE BUSHING FROM SOUTH WEST ROOM INNER SOUTH TRUNNION HAS 1/8" DEEP GROOVES IN BRONZE RING AND WAS REPLACED WITH NEW DURING OUR 2017 INSPECTION.



NEW BRONZE REPLACEMENT BUSHING FOR SOUTH WEST ROOM INNER SOUTH TRUNNION.



SOUTH WEST ROOM INNER TRUNNION PARTS. (GOOD)



SOUTH WEST ROOM SOUTH SIDE TRUNNION INNER PLATE HAS AREAS OF SURFACE RUST ON FACE. (NO SECTION LOSS PRESENT)



SOUTH WEST ROOM OUTSIDE SOUTH TRUNNION INNER PLATE. (GOOD NO PROBLEMS FOUND)



NORTH WEST ROOM OUTSIDE SOUTH TRUNNION INNER PLATE. (FAIR MINOR SURFACE STAINING/ SURFACE RUSTING WITH NO SECTION LOSS.)



NORTH WEST ROOM INNER SOUTH TRUNNION PARTS AFTER BEING TESTED WITH ULTRA SONICS MACHINE.



SOUTH WEST OUTSIDE TRUNNION AFTER TESTING WITH ULTRA SONICS MACHINE. (SOUTH SIDE)



SOUTH WEST INNER TRUNNION DISASSEMBLED FOR ULTRA SONICS INSPECTION. (SOUTH SIDE)



NORTH WEST ROOM OUTSIDE SOUTH TRUNNION DISASSEMBLED FOR ULTRA SONICS INSPECTION.



NORTH WEST ROOM INNER SOUTH TRUNNION BEING REASSEMBLED BY BRIDGE CREW.



WEST AUXIARY DRIVE GENERATOR AND BRAKE.



BRAKE #3 OPERATING MACHINERY WEST TOWER HA 1/32" SURFACE RUST TO DRUM.



GEAR 271-1 IS IN FAIR CONDITION (MINOR GROOVES ON OPEN AND CLOSING SIDE OF TEETH. (SOUTH WEST ROOM WEST TOWER)



GEAR 277 TOOTH HAS SMALL 1/8" GOUGE IN TOP RIGHT SIDE OF TOOTH SOUTH WEST ROOM (WEST TOWER)



GEARS 357 & 278 SOUTH WEST ROOM (WEST TOWER)



GEAR 276 HAS 1/32" GROOVES IN OPEN AND CLOSING SIDE OF TOOTH SOUTH WEST ROOM (WEST TOWER)



SOCRING & 1/32" GROOVES IN OPEN AND CLOSING SIDE OF 271-1 SOUTH WEST ROOM (WEST TOWER)



ROOT TO TIP WAS MEASURED .189 FOR GEARS 271-2 & 276 IN SOUTH WEST ROOM (WEST TOWER)



ROOT TO TIP WAS MEASURED .250 FOR GEARS 271-2 & 277 IN SOUTH WEST ROOM (WEST TOWER)



GEARS 271-1 & 276 NORTH WEST ROOM BOTH HAVE SCORING AND 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TEETH.



GEARS 278 & 357 NORTH WEST ROOM WEST TOWER.



GEARS 278 HAVE SEVERAL SMALL 1/8" KNICKS AND GOUGES ON FACE OF TEETH NORTH WEST ROOM.



GEAR #277 IN WEST TOWER HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TOOTH & 1/16" CHIP TO LEFT CORNER OF TOOTH. (NORTH WEST ROOM)



GEAR 271-2 IN WEST TOWER HAS 1/32" GROOVES ON OPEN AND CLOSING SIDE OF TOOTH (NORTH WEST ROOM)



ROOT TO TIP MEASURED .147 FOR GEARS 271-1 & 276 NORTH WEST ROOM (WEST TOWER)



ROOT TO TIP MEASURED .180 FOR GEARS 271-2 & 277 NORTH WEST ROOM (WEST TOWER)



WEST LOCK DRIVE



NORTH WEST LOCK ASSEMBLY



NORTH WEST TOWER & LOCK

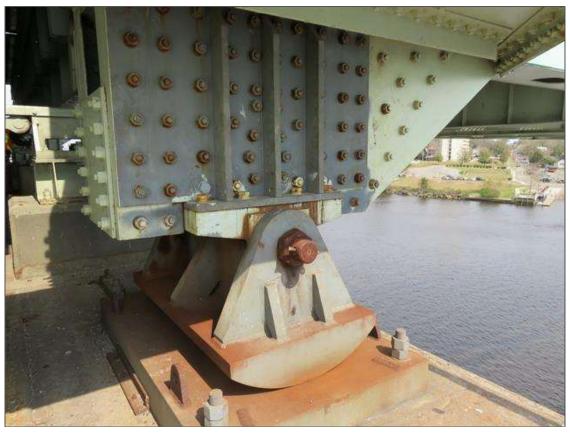


NORTH TOWER LOCK (DIFFERENT VIEW)

Structure: 640013 County: NEW HANOVER Date: 03/08/2017 Structure Photos



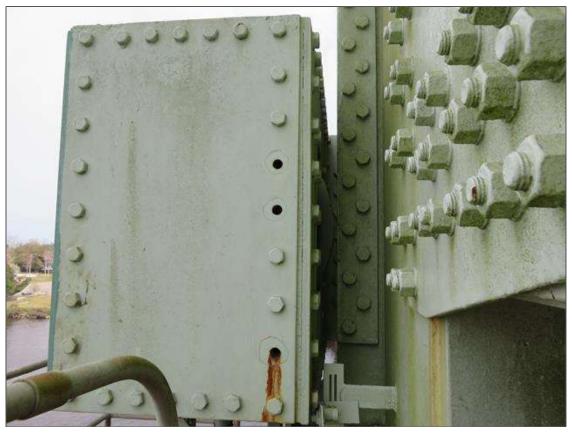
WEST TOWER CENTER ALIGNMENT ASSEMBLY.



OUTSIDE FACE OF SOUTH WEST BEARING ASSEMBLY.



WEST TOWER LOCKING MACHINERY.



GUIDE ROLLER NORTH WEST SIDE. (ZOOMED OUT VIEW)



NORTH WEST ROCKER BEARING (SOUTH WEST SIDE SAME)



EAST END SPEED REDUCER GEARS GOOD, (FLUID SAMPLE TAKEN)



LOCK MACHINERY EAST TOWER.



EAST TOWER FIXED SHOE WITH REINFORCED SUPPORT.



EAST TOWER LOCKING MACHINERY.



EAST TOWER SPEED REDUCER, MOTOR AND BRAKE.



EAST SIDE TRANSVERSE CENTERING SHOE.



ALL PARTS FOR NORTH EAST ROOM SOUTH INNER TRINNION.



BRAKE #3 EAST OPERATING MACHINERY DRUM AND PADS GOOD.



GEARS 278 & 357 SOUTH EAST ROOM.



LOOKING UP AT CABLES AND GEARS (EAST TOWER)



SOUTH PROFILE



NORTH PROFILE



BRAKE #1 OPERATING MACHINE WEST TOWER. (FLUID LEVEL GOOD BUT DIRTY)



BRAKE #2 OPERATING MACHINE WEST TOWER (GOOD)



GEARS 279 & 358 OPERATING WEST TOWER.



OPERATING MACHINERY WEST TOWER.



WEST TOWER OPERATING MACHINERY SOUTH SIDE.



NORTH WEST ROOM WEST TOWER OPERATING MACHINERY.



LOOKING EAST

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LOOKING WEST