



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION:

PRIORITY MAINTENANCE ISSUED, SNOOPER USED,
TRAFFIC CONTROL USED, REVISED
SUPERSTRUCTURE SKETCH, SUBSTRUCTURE ITEM
REMAINED GRADE 4 FROM LAST CYCLE

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: HAYWOOD STRUCTURE NUMBER: 430142 FREQUENCY: 24 MONTHS

FACILITY CARRIED: I-40 MILE POST: 15

LOCATION: 0.1 MI.E.JCT.SR1338

FEATURE INTERSECTED: PIGEON RIVER

LATITUDE: 35° 39' 49.71" LONGITUDE: 82° 59' 25.12"

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS

SUBSTRUCTURE: ABUT1:REINF.CONC.; E.BT2:RC CAP/H-PILES;INT.BTS:RC POST&BEAM

SPANS: 5 @ 76'

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

PRESENT CONDITION: Poor INSPECTION DATE: 05/16/2017

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: NONE



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

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS

WEST APPROACH LOOKING EAST, EAST BOUND LANES

INSPECTED BY GLEN KIKER	SIGNATURE 	ASSISTED BY MARK WADE
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Structure Element Scoring

Structure Number: 430142

Inspection Date 5/16/2017

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	24070	7953	1498	14619	0
107	0	Steel Open Girder/Beam	Beam	3032	2373	658	1	0
515	107	Steel Protective Coating	Beam	29800	29141	640	18	1
205	0	Reinforced Concrete Column	Piles and Columns	20	10	0	10	0
215	0	Reinforced Concrete Abutment	Abutments	210	106	1	101	2
220	0	Reinforced Concrete Pile Cap/Footing	Footing	24	18	6	0	0
225	0	Steel Pile	Piles and Columns	19	19	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	428	86	12	330	0
302	0	Compression Joint Seal	Expansion Joints	164	164	0	0	0
303	0	Assembly Joint with Seal	Expansion Joints	328	328	0	0	0
311	0	Movable Bearing	Bearing Device	40	0	40	0	0
515	311	Steel Protective Coating	Bearing Device	80	0	64	16	0
313	0	Fixed Bearing	Bearing Device	40	0	40	0	0
515	313	Steel Protective Coating	Bearing Device	80	0	66	14	0
321	0	Reinforced Concrete Approach Slabs	Approaches	1740	1740	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	760	623	137	0	0
515	330	Steel Protective Coating	Bridge Rail	760	760	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	380	0	76	304	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 430142

Inspection Date: 05/16/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	16090 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	10 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	6 Square Feet
3314	Steel Open Girder/Beam	Corrosion	1 Feet
3348	Reinforced Concrete Column	Delamination/Spall	58 Each
3348	Reinforced Concrete Column	Exposed Rebar	54 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	19 Each
3348	Reinforced Concrete Column	Patched Area	10 Each
3350	Reinforced Concrete Abutment	Exposed Rebar	12 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	49 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	41 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	91 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	35 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	379 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	5 Feet
3322	Metal Bridge Railing	Damage	137 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	228 Feet
3318	Reinforced Concrete Bridge Railing	Damage	152 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	817 Square Feet

Element Structure Maintenance Quantities

Structure Number: 430142

Inspection Date 05/16/2017

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	102	210	2	101	1	106
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	1740	0	0	0	1740
Beam	3314	Maintenance Steel Superstructure Components	1	3032	0	1	658	2373
Beam	3342	Clean and Paint Steel	659	29800	1	18	640	29141
Bearing Device	3334	Bridge Bearing	0	80	0	0	80	0
Bearing Device	3342	Clean and Paint Steel	158	160	0	30	130	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	380	380	0	304	76	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	137	760	0	0	137	623
Bridge Rail	3342	Clean and Paint Steel	0	760	0	0	0	760
Caps	3348	Maintenance of Concrete Substructure	510	428	0	330	12	86
Deck	3326	Maintenance of Concrete Deck	16106	24070	0	14619	1498	7953
Expansion Joints	3308	Maintenance of Steel Plate Joints	0	328	0	0	0	328
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	164	0	0	0	164
Footing	3348	Maintenance of Concrete Substructure	6	24	0	0	6	18
Piles and Columns	3348	Maintenance of Concrete Substructure	141	20	0	10	0	10
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	19	0	0	0	19

Element Condition and Maintenance Data

Structure Number: 430142

Inspection Date: 05/16/2017

Span 1		Deck					
Reinforced Concrete Deck							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck		4,814	2,324	290	2,200	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 1 BOTTOM OF BAY 6 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING AT BENT 1, FOR A TOTAL OF 1800 SQ. FT. THRU OUT BOTTOM OF THE SPAN	3	1,800	1,800	Square Feet
12	Cracking (RC and Other)	SPAN 1 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 3/4 POINT, 12 FT. LONG FOR A TOTAL OF 100 SQ. FT. THRU OUT THE WEST AND EAST BOUND LANES	3	100	100	Square Feet
12	Cracking (RC and Other)	SPAN 1, TOP OF THE DECK HAS A 1/16 WIDE DIAGONAL CRACK, 20 FT. LONG, 9 FT. FROM THE LEFT RAIL AT END BENT 1 FOR A TOTAL OF 300 SQ. FT. OF DIAGONAL CRACKING THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES	3	300	300	Square Feet
12	Cracking (RC and Other)	SPAN 1, BOTTOM OF BAY 6 DECK HAS A HAIRLINE TRANSVERSE CRACK, 7 FT. LONG WITH EFFLO., 8 FT. FROM END BENT 1, FOR A TOTAL OF 290 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	2	290	290	Square Feet
General Comments						

Span 1		Beam 1					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	61	15	0	0 Feet
515	Steel Protective Coating		745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 1, BEAM 1 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet	
General Comments							

Span 1		Beam 2					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	61	15	0	0 Feet
515	Steel Protective Coating		745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 1, BEAM 2 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet	
General Comments							

Span 1		Beam 5				
Plate Girder						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	76	59	17	0	0 Feet
515	Steel Protective Coating	745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 5 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
107	Corrosion	SPAN 5, BEAM 1 AT BENT 1 HAS 1/16 INCH SECTION LOSS IN THE BOTTOM OF THE BOTTOM FLANGE, FROM THE FACE OF BEARING OUT 2 FT. X FULL WIDTH. WITH 15/16 INCH REMAINING, PREVIOUS SECTION LOSS HAS BEEN PAINTED OVER	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet
General Comments						

Span 1		Beam 8					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	58	18	0	0 Feet
515	Steel Protective Coating		745	727	18	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 1, BEAM 8 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	18		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet	
General Comments							

Span 1 Left Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	76	70	6	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
330	Damage	SPAN 1, LEFT METAL RAIL HAS 6 FT. OF 2 INCH WIDE TEARS THRU OUT THE RAIL	2	6	6 Feet
General Comments					

Span 1 Right Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	76	46	30	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
330	Damage	SPAN 1, RIGHT METAL RAIL HAS 30 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL	2	30	30 Feet
General Comments					

Span 1 Median Rail**Concrete Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	76	0	0	76	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	SPAN 1 MEDIAN RAIL HAS HAIRLINE TO 1/16 INCH WIDE CRACKING THRU OUT THE LENGTH OF THE RAIL	3	76	76	Feet
General Comments						

Span 1 Far Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	SPAN 1, BEAM 1 FAR BEARING HAS FRECKLED RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2 Square Feet
General Comments					

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 2 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 3 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 4 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 5 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 6 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 7 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 8 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2		Square Feet
General Comments							

Span 1 Near Bearing

Fixed Bearing

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

Inspection Date: 05/16/2017

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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	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 1, BEAM 2 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

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	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 1, BEAM 3 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

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	2	0	2	0	0	Square Feet

Element number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 1, BEAM 4 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 1 Near Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1, BEAM 5 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Near Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1, BEAM 6 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Near Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1, BEAM 7 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 1 Near Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1, BEAM 8 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2		Square Feet

General Comments

Span 2 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,814	1,455	376	2,983	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 2 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 2/3 POINT, 12 FT. LONG FOR A TOTAL OF 500 SQ. FT. THRU OUT THE TOP OF THE SPAN, WEST AND BOUND LANES	3	500	500	Square Feet
12	Cracking (RC and Other)	SPAN 2, BOTTOM OF BAY 1 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING WITH EFFLO. NEAR BENT 2, FOR A TOTAL OF 2200 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	3	2,200	2,200	Square Feet
12	Cracking (RC and Other)	SPAN 2, TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, 10 FT. LONG AT BENT 1, 9 FT. FROM THE LEFT RAIL, FOR A TOTAL OF 280 SQ. FT. OF DIAGONAL CRACKING THRU OUT THE TOP OF THE SPAN, WEST AND EAST BOUND LANES	3	280	280	Square Feet
12	Delamination/Spall	SPAN 2 DECK, BOTTOM OF RIGHT OVERHANG AT BENT 2 HAS A SPALL, 12 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR	3	1	1	Square Feet
12	Exposed Rebar	SPAN 2, BOTTOM OF BAY 4 DECK, NEAR BENT 1 HAS 2 SPALLS, 14 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR	3	2	2	Square Feet
12	Cracking (RC and Other)	SPAN 2, BOTTOM OF BAY 1 DECK HAS A HAIRLINE TRANSVERSE CRACK, 7 FT. LONG NEAR BENT 2 FOR A TOTAL OF 375 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	2	375	375	Square Feet
12	Delamination/Spall	SPAN 2, BOTTOM OF RIGHT OVERHANG AT BENT 1 HAS A SPALL, 7 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR	2	1	1	Square Feet

General Comments

Span 2 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	58	18	0	0	Feet
515	Steel Protective Coating	745	727	0	18	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 1 AT BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE, FROM THE FACE OF THE BEARING OUT 18 INCHES X FULL WIDTH WITH 7/8 INCH REMAINING, PREVIOUS SECTION LOSS HAS BEEN PAINTED OVER AND RUST IS STARTING TO BLEED THRU	2	2		Feet
107	Corrosion	SPAN 2, BEAM 1 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	16		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	18	18	Square Feet

General Comments

Span 2		Beam 3					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	58	18	0	0 Feet
515	Steel Protective Coating		745	727	18	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
107	Corrosion	SPAN 2, BEAM 3 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM			2	18	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST			2	18	18 Square Feet
General Comments							

Span 2		Beam 4					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	60	16	0	0 Feet
515	Steel Protective Coating		745	729	16	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 2, BEAM 4 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	16		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	16	16	Square Feet	
General Comments							

Span 2		Beam 7					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	60	16	0	0 Feet
515	Steel Protective Coating		745	729	16	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 2, BEAM 7 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	16		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	16	16	Square Feet	
General Comments							

Span 2 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	58	18	0	0	Feet
515	Steel Protective Coating	745	727	18	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 8 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	18		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet
General Comments						

Span 2 Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	76	70	6	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
330	Damage	SPAN 2, RIGHT METAL RAIL HAS 6 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL	2	6	6 Feet
General Comments					

Span 2 Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	76	0	76	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Damage	SPAN 2 MEDIAN RAIL HAS HAIRLINE TO 1/16 INCH WIDE CRACKING THRU OUT THE LENGTH OF THE RAIL	2	76	76	Feet
General Comments						

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 1 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 2 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 1 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 2 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 2 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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311	Corrosion	SPAN 2, BEAM 3 NEAR BEARING HAS FRECKLED RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2 Square Feet
General Comments					

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 3 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 4 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 4 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 2, BEAM 5 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 2, BEAM 5 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 2 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 2, BEAM 6 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 2, BEAM 6 FAR BEARING HAS FRECKLED RUST	2	1			Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2 Square Feet
General Comments					

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 7 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 7 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 8 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 8 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 3 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,814	1,494	316	3,004	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 3 TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, STARTING AT BENT 2, 14 FT. LONG FOR A TOTAL OF 350 SQ. FT. THRU OUT THE SPAN, WEST AND EAST BOUND LANES	3	350	350	Square Feet
12	Cracking (RC and Other)	SPAN 3 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 1/3 POINT, 12 FT. LONG FOR A TOTAL OF 550 SQ. FT. THRU OUT THE SPAN, WEST AND EAST BOUND LANES	3	550	550	Square Feet
12	Cracking (RC and Other)	SPAN 3, BOTTOM OF BAY 2 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING NEAR BENT 3 FOR A TOTAL OF 2100 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	3	2,100	2,100	Square Feet
12	Delamination/Spall	BENT 3 CAP, BOTTOM OF THE RIGHT END HAS AN AREA OF DELAMINATION, 36 INCHES X 8 INCHES WITH 1/16 INCH SEPARATION	3		1	Square Feet
12	Delamination/Spall	SPAN 3, BOTTOM OF BAY 6 DECK HAS AN AREA OF DELAMINATION AT 1/3 POINT, 24 INCHES X 32 INCHES WITH 1/2 INCH SEPARATION	3	4	4	Square Feet
12	Cracking (RC and Other)	SPAN 3, BOTTOM OF BAY 2 DECK HAS A HAIRLINE TRANSVERSE CRACK NEAR BENT 3, 7 FT. LONG FOR A TOTAL OF 315 SQ. FT. OF CRACKING THRU OUT THE BOTTOM OF THE SPAN	2	315	315	Square Feet
12	Delamination/Spall	SPAN 3, BOTTOM OF RIGHT OVERHANG AT BENT 3 HAS A SPALL, 7 INCHES X 9 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	2	1	1	Square Feet

General Comments

Span 3 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	60	16	0	0	Feet
515	Steel Protective Coating	745	729	16	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 1 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH	2	16		Feet

		OF THE BEAM			
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	16	16 Square Feet
General Comments					

Span 3 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	58	18	0	0	Feet
515	Steel Protective Coating	745	727	18	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 2 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	18		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet
General Comments						

Span 3 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	60	16	0	0	Feet
515	Steel Protective Coating	745	727	18	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 3 AT BENT 2 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 1 WITH 7/8 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 11/16 INCH REMAINING, SECTION LOSS HAS BEEN PAINTED OVER, BUT RUST IS STARTING TO BLEED THRU	2	1		Feet
107	Corrosion	SPAN 3, BEAM 3 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet
General Comments						

Span 3 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	61	15	0	0	Feet
515	Steel Protective Coating	745	730	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 4 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet

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General Comments

Beam 5

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	60	16	0	0	Feet
515	Steel Protective Coating	745	729	16	0	0	Square Feet

General Comments

Beam 6

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	58	18	0	0	Feet
515	Steel Protective Coating	745	727	18	0	0	Square Feet

General Comments

Beam 7

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	60	16	0	0	Feet
515	Steel Protective Coating	745	729	16	0	0	Square Feet

General Comments

Beam 8

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	58	18	0	0	Feet
515	Steel Protective Coating	745	727	18	0	0	Square Feet

General Comments

Left Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	76	64	12	0	0	Feet
515	Steel Protective Coating	76	76	0	0	0	Square Feet

General Comments

Right Bridge Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	76	69	7	0	0	Feet
515	Steel Protective Coating	76	76	0	0	0	Square Feet

General Comments

Median Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	76	0	0	76	0 Feet

General Comments

Span 3 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 3, BEAM 1 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2		Square Feet
General Comments							

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 1 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2		Square Feet
General Comments							

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 2 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 3 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 3, BEAM 2 NEAR BEARING HAS FRECKLED RUST	2	1			Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2 Square Feet
General Comments					

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 3 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 3 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 4 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 4 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 3 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 3, BEAM 5 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 5 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 3 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 3, BEAM 6 NEAR BEARING HAS FRECKLED RUST	2	1			Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 6 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 7 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 7 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 8 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 8 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 4 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,814	1,159	314	3,341	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 4 BOTTOM OF BAY 3 DECK HAS 1 SQ. FT. OF 1/32 INCH WIDE MAP CRACKING, AT 3/4 POINT FOR A TOTAL OF 2200 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	3	2,200	2,200	Square Feet
12	Cracking (RC and Other)	SPAN 4 TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, STARTING AT BENT 3, 7 FT. LONG FOR A TOTAL OF 370 SQ. FT. THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES	3	370	370	Square Feet
12	Cracking (RC and Other)	SPAN 4 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK, AT THE 3/4 POINT, 12 FT. LONG FOR A TOTAL OF 770 SQ. FT. THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES	3	770	770	Square Feet
12	Exposed Rebar	SPAN 4, BOTTOM OF BAY 6 DECK, AT BENT 4 HAS A SPALL, NEAR BEAM 6, 10 INCHES IN DIAMETER X 2.5 INCHES DEEP WITH EXPOSED REBAR	3	1	1	Square Feet
12	Cracking (RC and Other)	SPAN 4, BOTTOM OF BAY 4 DECK HAS A HAIRLINE TRANSVERSE CRACK WITH EFFLO., 7 FT. LONG AT 3/4 POINT FOR A TOTAL OF 300 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN	2	300	300	Square Feet
12	Delamination/Spall	SPAN 4, BOTTOM OF RIGHT OVERHANG AT BENT 4 HAS A SPALL, 9 INCHES X 12 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	2	1	1	Square Feet
12	Exposed Rebar	SPAN 4, BOTTOM OF LEFT OVERHANG HAS A SPALL, 11 INCHES X 7 INCHES X 4 INCHES DEEP WITH EXPOSED	2	1	1	Square Feet

12	Patched Areas	REBAR	2	12	Square Feet
		SPAN 4, TOP OF DECK HAS A PATCH, 32 INCHES X 52 INCHES, AT BENT 3, 7 FT. FROM THE RIGHT RAIL			
	General Comments				

Span 4 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	54	22	0	0	Feet
515	Steel Protective Coating	745	723	22	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 4 BEAM 1 AT BENT 3 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING, PREVIOUS RUST HAS BEEN PAINTED OVER BUT RUST IS STARTING TO BLEED THRU	2	2		Feet
107	Corrosion	SPAN 4, BEAM 1 HAS 20 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	22	22	Square Feet

General Comments

Span 4 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	61	15	0	0	Feet
515	Steel Protective Coating	745	730	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 4, BEAM 2 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet

General Comments

Span 4 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	76	61	15	0	0	Feet
515	Steel Protective Coating	745	730	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 4, BEAM 3 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet

General Comments

Span 4		Beam 5					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	58	18	0	0 Feet
515	Steel Protective Coating		745	727	18	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 4, BEAM 5 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	18		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet	
General Comments							

Span 4		Beam 6					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	61	15	0	0 Feet
515	Steel Protective Coating		745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 4, BEAM 6 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet	
General Comments							

Span 4		Beam 8					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		76	60	16	0	0 Feet
515	Steel Protective Coating		745	729	16	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 4, BEAM 8 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	16		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	16	16	Square Feet	
General Comments							

Span 4		Left Bridge Rail					
Steel Rail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing		76	50	26	0	0 Feet
515	Steel Protective Coating		76	76	0	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
330	Damage	SPAN 4, LEFT CURB AT BENT 3 HAS A SPALL, 16 INCHES LONG X 4 INCHES HIGH X 5 INCHES DEEP WITH EXPOSED REBAR	2	1	1	Feet	
330	Damage	SPAN 4, LEFT RAIL HAS 25 FT. OF IMPACT DAMAGE, RAIL IS PUSHED OUT 3.5 INCHES, STARTING AT BENT 4	2	25	25	Feet	
General Comments							

Span 4	Right Bridge Rail
Steel Rail	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	76	66	10	0	0	Feet
515	Steel Protective Coating	76	76	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	SPAN 4, RIGHT METAL RAIL HAS 10 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL	2	10	10	Feet
General Comments						

Span 4	Median Rail
Concrete Railing	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	76	0	0	76	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Damage	SPAN 4 MEDIAN RAIL HAS HAIRLINE TO 1/16 INCH WIDE CRACKING THRU OUT THE LENGTH OF THE RAIL	3	76	76	Feet
General Comments						

Span 4	Near Bearing
Movable Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 4, BEAM 1 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet
General Comments						

Span 4	Far Bearing
Fixed Bearing	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 4, BEAM 1 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 4, BEAM 2 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 4, BEAM 2 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 4, BEAM 3 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 4, BEAM 3 FAR BEARING HAS FRECKLED RUST	2	1			Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 4, BEAM 4 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 4, BEAM 4 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 4, BEAM 5 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 4, BEAM 5 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 4, BEAM 6 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet

General Comments

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 4, BEAM 6 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 4, BEAM 7 NEAR BEARING HAS FRECKLED RUST	2	1		Each

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General Comments

Fixed Bearing

Steel Protective Coating	2	0	2	0	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	1	1	1	Square Feet
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General Comments

Movable Bearing

Steel Protective Coating	2	0	0	2	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATINGS HAS STARTED TO FAILE DUE TO RUST	3	2	2	Square Feet
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General Comments

Fixed Bearing

Steel Protective Coating	2	0	2	0	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILE DUE TO RUST	2	2	2	Square Feet
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General Comments

Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,814	1,521	202	3,091	0	Square Feet

General Comments

Beam 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	75	59	15	1	0	Feet
515	Steel Protective Coating	745	729	15	0	1	Square Feet

General Comments

Span 5		Beam 4					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		75	60	15	0	0 Feet
515	Steel Protective Coating		745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 5, BEAM 4 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet	
General Comments							

Span 5		Beam 6					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		75	60	15	0	0 Feet
515	Steel Protective Coating		745	730	15	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 5, BEAM 6 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	15		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet	
General Comments							

Span 5		Beam 7					
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		75	57	18	0	0 Feet
515	Steel Protective Coating		745	727	18	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 5, BEAM 7 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	18		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	18	18	Square Feet	
General Comments							

Span 5

Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	75	59	16	0	0	Feet
515	Steel Protective Coating	745	729	16	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 5, BEAM 8 HAS 16 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM	2	16		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	16	16	Square Feet

General Comments

Span 5

Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	76	66	10	0	0	Feet
515	Steel Protective Coating	76	76	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	SPAN 5 LEFT METAL RAIL HAS 10 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL	2	10	10	Feet

General Comments

Span 5

Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	76	46	30	0	0	Feet
515	Steel Protective Coating	76	76	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	SPAN 5 RIGHT METAL RAIL HAS 30 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL	2	30	30	Feet

General Comments

Span 5

Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	76	0	0	76	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	SPAN 5 MEDIAN RAIL HAS HAIRLINE TO 1/16 INCH WIDE CRACKING THRU OUT THE LENGTH OF THE RAIL	3	76	76	Feet

General Comments

Span 5 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 5, BEAM 1 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 5 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 5, BEAM 1 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2		Square Feet
General Comments							

Span 5 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 5 BEAM 2 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 5 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 5, BEAM 2 FAR BEARING HAS FRECKLED RUST	2	1			Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2 Square Feet
General Comments					

Span 5 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 5 BEAM 3 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 5 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 5, BEAM 3 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 5 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 5 BEAM 4 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet
General Comments						

Span 5 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 5, BEAM 4 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 5 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 5 BEAM 5 NEAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 5 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 5, BEAM 5 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2		Square Feet
General Comments							

Span 5 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 5 BEAM 6 NEAR BEARING HAS FRECKLED RUST	2	1			Each

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General Comments

Fixed Bearing

Steel Protective Coating	2	0	2	0	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILE DUE TO RUST	1	1	1	Square Foot
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General Comments

Movable Bearing

Steel Protective Coating	2	0	2	0	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATINGS HAS STARTED TO FAILE DUE TO RUST	2	2	2	Square Feet
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General Comments

Fixed Bearing

Steel Protective Coating	2	0	2	0	0	Square Feet
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Effectiveness (Steel Protective Coatings)	PROTECTIVE COATINGS HAS STARTED TO FAILE DUE TO RUST	2	2	2	Square Feet
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General Comments

Span 5 Near Bearing**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 5 BEAM 8 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 5 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 5, BEAM 8 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 5 Expansion Joint**Compression Seal**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	82	82	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

End Bent 1 Reinforced Concrete Abutment 1**Reinforced Concrete Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	100	0	0	98	2	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Delamination/Spall	END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 5, 24 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP, WITH AN AREA 6 INCHES X 2.5 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION	4	2	2	Feet
215	Cracking (RC and Other)	END BENT 1 ABUTMENT BACK WALL IN BAY 3 HAS A 1 INCH WIDE LONGITUDINAL CRACK, 10 FT. LONG, 4 INCHES BELOW THE BOTTOM OF THE DECK	3	10	10	Feet

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215	Cracking (RC and Other)	END BENT 1 ABUTMENT HAS A 1/8 INCH WIDE LONGITUDINAL CRACK , 36 FT. LONG, 4 INCHES DOWN FROM TOP OF BRIDGE SEAT, FROM BEAM 5 TO BEAM 8 WITH DELAMINATION	3	36	36 Feet
215	Cracking (RC and Other)	END BENT 1 ABUTMENT HAS A 1/8 INCH WIDE LONGITUDINAL CRACK , 48 FT. LONG, 4 INCHES DOWN FROM TOP OF BRIDGE SEAT, FROM LEFT END OF ABUTMENT TO BEAM 5, WITH DELAMINATION	3	45	3 Feet
215	Delamination/Spall	END BENT 1 ABUTMENT UNDER BEAM 2 HAS AN AREA OF DELAMINATION IN THE FACE, 36 INCHES X 12 INCHES WITH 1/8 INCH SEPARATION	3		36 Feet
215	Exposed Rebar	END BENT 1 ABUTMENT UNDER BEAM 6 HAS A SPALL, 36 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, WITH AN AREA OF 4 INCHES X 5 INCHES X 4 INCHES VERTICALLY OF LOST BEARING DUE TO SPALL	3	3	3 Feet
215	Exposed Rebar	END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 1, 48 INCHES LONG X 14 INCHES HIGH X 5 INCHES DEEP, WITH AN AREA 6 INCHES X 8 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION	3		4 Feet
215	Exposed Rebar	END BENT 1 ABUTMENT UNDER BEAM 8 HAS A SPALL, 48 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP UNDER BEAM 8 BEARING AREA, WITH EXPOSED REBAR, CONCRETE AT BRIDGE SEAT ADJACENT TO BEARING IS DELAMINATED	3	4	4 Feet

General Comments

Bent 1 Reinforced Concrete Footing 1

Reinforced Concrete Footing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	6	6	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

NOT VISIBLE

Bent 1 Reinforced Concrete Column 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Exposed Rebar	BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE EAST FACE NEAR GROUND LINE	3	1	2 Each
205	Exposed Rebar	BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE NORTHWEST CORNER NEAR GROUND LINE	3		2 Each
205	Exposed Rebar	BENT 1, PILE 1 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES X 12 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR, 2 FT. BELOW THE BOTTOM OF THE CAP	3		1 Each

General Comments

Bent 1

Reinforced Concrete Pier Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	83	0	0	83	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	BENT 1 CAP, SPAN 1 SIDE HAS A 1/16 INCH WIDE TRANSVERSE CRACK, 4 FT. LONG IN BAY 1, NEAR TOP EDGE IN THE FACE OF THE CAP	3	4	4 Feet
234	Delamination/Spall	BENT 1 BOTTOM OF CAP BETWEEN PILES 2 AND 3 HAS AN AREA OF DELAMINATION , 12 FT. X 36 INCHES WITH UP TO 1/2 INCH SEPARATION	3	12	12 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1, NEAR TOP EDGE, UNDER BEAM 2, 4 FT. LONG X 1 FT. HIGH	3	4	4 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 6 HAS AN AREA OF DELAMINATION NEAR TOP EDGE IN THE FACE OF THE CAP, 48 INCHES X 8 INCHES DOWN THE FACE X 5 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION, BEAM 6 BEARING AREA IS SOUND	3		Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE, TOP AND FACE IN BAY 4 HAS AN AREA OF DELAMINATION, 7 FT. LONG X 12 INCHES HIGH ON THE FACE X 17 INCHES ACROSS THE TOP OF THE CAP, WITH 3/4 INCH SEPARATION	3	7	7 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE, UNDER BEAMS 7 AND 8, NEAR TOP EDGE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 FT. LONG X UP TO 18 INCHES HIGH X 5 INCHES ACROSS THE TOP WITH 1/2 INCH SEPARATION, BEAM 7 BEARING AREA IS DELAMINATED	3	15	15 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER IN BAY 5, 12 FT. LONG X UP TO 15 INCHES WIDE WITH 1/4 INCH SEPARATION	3		12 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER OF THE CAP, UNDER BEAM 7, 6 FT. LONG X 12 INCHES WIDE, WITH 1/4 INCH SEPARATION	3		7 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 3 UNDER BEAM 4, 53 INCHES X 35 INCHES WITH 1/4 INCH SEPARATION	3		4 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE IN BAY 1, NEAR BEAM 2, 32 INCHES LONG X 9 INCHES DOWN THE FACE X 3 INCHES ACROSS THE TOP	3	3	3 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE IN BAYS 4 AND 5, 20 FT. LONG X 12 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE TOP WITH RUST STAINS AND 1/4 INCH WIDE SEPARATION	3		20 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF THE CAP UNDER BEAM 3 AND BAY 2, 8 FT. LONG X UP TO 24 INCHES DOWN THE FACE X UP TO 12 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION	3	8	8 Feet
234	Exposed Rebar	BENT 1 CAP, BOTTOM OF LEFT END HAS A SPALL, 36 INCHES X 8 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR	3	1	1 Feet
234	Exposed Rebar	BENT 1 CAP, BOTTOM OF RIGHT END HAS A SPALL, 36 INCHES X 10 INCHES X 6 INCHES VERTICALLY WITH REBAR EXPOSED	3	1	1 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE HAS A SPALL IN THE FACE OF THE CAP IN BAY 4, NEAR TOP EDGE, 46 INCHES LONG X 11 INCHES HIGH X 2.5 INCHES DEEP WITH EXPOSED REBAR, WITH ADJACENT DELAMINATION IN THE FACE AND 4 INCHES ACROSS TOP OF CAP	3	4	4 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE HAS A SPALL ON THE TOP EDGE UNDER BEAM 1, 48 INCHES X 9 INCHES X 4 INCHES	3	4	4 Feet

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		DEEP WITH EXPOSED REBAR			
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE IN BAY 2 HAS A SPALL, 36 INCHES LONG X 8 INCHES HIGH X 5 INCHES DEEP WITH REBAR EXPOSED, WITH ADJACENT DELAMINATION, NEAR TOP EDGE	3	3	3 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 3 HAS A SPALL IN THE FACE OF THE CAP, 38 INCHES LONG X 16 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED WITH ADJACENT DELAMINATION	3	3	3 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, FROM RIGHT END OF CAP OVER 6 FT. LONG X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED, SPALL GOES ACROSS TOP OF CAP AT RIGHT SIDE OF BEAM 8 BEARING AREA 14 INCHES X 2.5 INCHES DEEP, BEARING AREA IS SOUND	3	2	6 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, NEAR TOP EDGE, NEAR BEAM 6, 9 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR	3		1 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE NORTHEAST CORNER UNDER BEAM 1, 2 FT. LONG X 4 INCHES HIGH X 2 INCHES DEEP WITH REBAR EXPOSED, BEARING AREA IS SOUND	3	2	2 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL, UNDER BEAM 1, 10 INCHES X 30 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR	3	1	1 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE IN BAY 1 NEAR TOP EDGE HAS A SPALL, 48 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, WITH DELAMINATION 10 INCHES ACROSS THE TOP IN THIS AREA	3	4	4 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE IN BAY 7 AND UNDER BEAM 7 HAS A SPALL IN THE FACE OF THE CAP NEAR TOP EDGE WITH REBAR EXPOSED, 10 FT. LONG X 9 INCHES HIGH X 2.5 INCHES DEEP, DELAMINATION GOES ACROSS THE TOP OF THE CAP IN BAY 7, 10 INCHES	3		10 Feet
234	Exposed Rebar	BENT 1, BOTTOM OF CAP HAS AN AREA OF SPALLING, 5 FT. LONG X 2.5 FT. WIDE X 3 INCHES DEEP BETWEEN PILES 1 AND 2 WITH REBAR EXPOSED	3	5	5 Feet

General Comments

Bent 1 Reinforced Concrete Column 4

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	EAST FACE HAS MULTIPLE 1/8" - 1/4" WIDE VERTICAL CRACKS NEAR THE CORNERS.	3	1	4 Each

General Comments

Bent 1 Reinforced Concrete Column 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Exposed Rebar	BENT 1, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 10 INCHES WIDE X 28 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE	3		3 Each
205	Exposed Rebar	BENT 1, PILE 5 HAS A SPALL ON THE NORTHWEST	3		5 Each

		CORNER, 14 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE				
205	Exposed Rebar	BENT 1, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 3 FT. ABOVE GROUND LINE	3		5	Each
205	Patched Area	BENT 1, PILE 5 HAS A PATCHED AREA ON THE EAST FACE, 34 INCHES WIDE X 10 FT. HIGH WITH 1 INCH WIDE VERTICAL CRACKS	3	1	10	Each

General Comments

Bent 2 Reinforced Concrete Footing 1

Reinforced Concrete Footing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	6	6	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

NOT VISIBLE

Bent 2 Reinforced Concrete Pier Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	83	8	0	75	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	BENT 2 CAP, SPAN 3 SIDE HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN BAY 4, NEAR TOP EDGE, 2 FT. LONG WITH RUST STAINS	3	2	2 Feet
234	Delamination/Spall	BENT 2 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF DELAMINATION, 12 FT. X 36 INCHES WITH 5/8 INCH SEPARATION	3	12	12 Feet
234	Delamination/Spall	BENT 2 BOTTOM OF CAP HAS AN AREA OF DELAMINATION, 24 INCHES X 12 INCHES, BETWEEN PILES 1 AND 2, NEAR PILE 2, SPAN 2 SIDE WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP HAS AN AREA OF DELAMINATION IN THE BOTTOM OF THE CAP, BETWEEN PILES 4 AND 5, 8 FT. X 36 INCHES	3	8	8 Feet
234	Delamination/Spall	BENT 2 CAP HAS AN AREA OF DELAMINATION ON THE BOTTOM RIGHT END, 36 INCHES X 8 INCHES WITH 1/8 INCH SEPARATION	3	1	1 Feet
234	Delamination/Spall	BENT 2 CAP SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1, UNDER BEAM 1, 48 INCHES LONG X 36 INCHES HIGH WITH 1/8 INCH WIDE CRACKING WITH RUST STAINS	3		4 Feet
234	Delamination/Spall	BENT 2 CAP, BETWEEN PILES 2 AND 3 HAS AN AREA OF DELAMINATION IN THE BOTTOM, 12 FT. LONG X 36 INCHES WIDE AND GOES UP ON BOTH FACES UP TO 4 INCHES HIGH WITH 1/4 INCH SEPARATION	3	12	12 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 7 AND UNDER BEAM 8, NEAR TOP EDGE, 60 INCHES X 9 INCHES X 4 INCHES ACROSS THE TOP	3	5	5 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 48 INCHES X 24 INCHES X 4 INCHES ACROSS THE TOP WITH 1/16 INCH SEPARATION	3	4	4 Feet

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234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 7, 12 INCHES X 18 INCHES WITH 1/32 INCH SEPARATION	3	1	1 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR BOTTOM EDGE, IN BAY 6, 36 INCHES X 5 INCHES WITH 1/16 INCH SEPARATION	3	3	3 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER, IN BAY 5, 14 FT. LONG X 8 INCHES UP THE FACE X 14 INCHES ACROSS THE BOTTOM, WITH 1/8 INCH SEPARATION, WITH RUST STAINS	3	14	14 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT BEAM 3, 60 INCHES X 10 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION, BEARING AREA FOR BEAM 3 IS SOUND	3	5	5 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 8, 50 INCHES X 21 INCHES WITH 3/16 INCH SEPARATION, AND GOES ACROSS TOP OF CAP 10 INCHES ADJACENT TO BEAM 8 BEARING AREA	3	4	4 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION ON THE FACE OF THE CAP, UNDER BEAM 5, 14 INCHES X 32 INCHES WITH 1/2 INCH SEPARATION	3	1	1 Feet
234	Exposed Rebar	BENT 2 CAP, LEFT BOTTOM END HAS A SPALL, 14 INCHES X 32 INCHES X 3 INCHES DEEP WITH REBAR EXPOSED	3	1	1 Feet

General Comments

Bent 2 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	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Delamination/Spall	BENT 2, PILE 2 HAS AN AREA OF DELAMINATION IN THE NORTHWEST CORNER, 9 INCHES WIDE X 12 FT. HIGH ADJACENT TO STRUT WITH RUST STAINS	3	1	12	Each

General Comments

Bent 2 Reinforced Concrete Column 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Exposed Rebar	BENT 2, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 16 INCHES WIDE X 40 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR AND ADJACENT DELAMINATION, SPALL STARTS 8 INCHES FROM BOTTOM OF CAP	3	1	3	Each

General Comments

End Bent 2 Reinforced Concrete Abutment 1**Reinforced Concrete Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
215	Reinforced Concrete Abutment	110	106	1	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
215	Delamination/Spall	END BENT 2 ABUTMENT HAS A SPALL, 32 INCHES LONG X 8 INCHES HIGH X 1 INCH DEEP AT THE LEFT SIDE OF BEAM 1	3	3	3 Feet
215	Exposed Rebar	END BENT 2 ABUTMENT HAS A SPALL, 8 INCHES WIDE X 16 INCHES HIGH X 4 INCHES DEEP WITH REBAR EXPOSED, ADJACENT TO THE LEFT SIDE OF BEAM 3	2	1	1 Feet

General Comments

End Bent 2 Reinforced Concrete Pier Cap 1**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	96	78	5	13	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	END BENT 2 FACE OF CAP HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN BAYS 3 AND 4, 10 FT. LONG WITH RUST STAINS	3	10	10 Feet
234	Delamination/Spall	END BENT 2 FACE OF CAP HAS A SPALL, 38 INCHES LONG X 12 INCHES HIGH X 1.5 INCHES DEEP AT BAY 3	3	3	3 Feet
234	Cracking (RC and Other)	END BENT 2, BAY 2 CAP HAS A 1/8 INCH WIDE LONGITUDINAL CRACK, 5 FT. LONG NEAR TOP EDGE IN THE FACE OF THE CAP	2	5	5 Feet

General Comments

End Bent 2 Steel Pile 1**Steel Pile**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

END BENT PILES ARE NOT VISIBLE

Bent 3 Reinforced Concrete Footing 1**Reinforced Concrete Footing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	6	0	6	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

NOT VISIBLE

Bent 3 Reinforced Concrete Pier Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	83	0	0	83	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	BENT 3 CAP, BOTTOM OF THE RIGHT END HAS AN AREA OF DELAMINATION, 36 INCHES X 8 INCHES WITH 1/16 INCH SEPARATION	3		1 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT TOP EDGE IN BAY 4, 33 INCHES X 7 INCHES WITH 1/8 INCH SEPARATION	3		3 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 2 NEAR BEAM 2, 43 INCHES X 27 INCHES WITH 3/16 SEPARATION	3	4	4 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 15 INCHES X 16 INCHES	3		1 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR BOTTOM EDGE IN BAY 3, 11 FT. LONG X 8 INCHES HIGH WITH 1/4 INCH SEPARATION	3	4	11 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR THE BOTTOM EDGE, BETWEEN PILES 1 AND 2, 8 INCHES HIGH X 12 FT. LONG	3	12	12 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR TOP EDGE 12 FT. LONG X 8 INCHES WIDE FROM THE LEFT END OF THE CAP TO BEAM 2 WITH UP TO 3/16 INCH SEPARATION	3	12	12 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 4, 12 INCHES X 24 INCHES WITH 1/16 INCH SEPARATION	3		1 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 7, NEAR TOP EDGE, 48 INCHES X 8 INCHES X 2 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION	3		4 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8, 16 INCHES X 18 INCHES WITH 1/32 INCH SEPARATION	3		1 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 7, 12 INCHES X 28 INCHES X 6 INCHES ACROSS THE BOTTOM WITH 1/4 INCH SEPARATION	3		1 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 3 SIDE, BOTTOM EDGE, BETWEEN PILES 3 AND 4 HAS AN AREA OF DELAMINATION 60 INCHES X 4 INCHES UP THE FACE X 6 INCHES ACROSS THE BOTTOM, NEAR PILE 4	3		5 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1 AND UNDER BEAM 1, 72 INCHES LONG X 14 INCHES HIGH WITH 3/16 INCH SEPARATION AND GOES 3 INCHES ACROSS THE TOP OF THE CAP	3	6	Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 3, NEAR BEAM 4, 48 INCHES X 30 INCHES, WITH UP TO 1/2 INCH SEPARATION	3	4	4 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 2, 24 INCHES X 41 INCHES X 2 INCHES ACROSS THE TOP OF THE CAP WITH 3/16 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 5, 24 INCHES X 26 INCHES WITH 3/16 INCH SEPARATION, WITH 1/16 INCH WIDE CRACKING WITH RUST STAINS	3		2 Feet

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234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, NEAR TOP EDGE, 48 INCHES X 14 INCHES WITH 1/16 INCH WIDE LONGITUDINAL CRACKING WITH RUST STAINS	3		4	Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8, 36 INCHES X 39 INCHES X 3 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION	3		3	Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 24 INCHES LONG X 4 INCHES WIDE AT TOP EDGE WITH 1/8 INCH SEPARATION, BAY 2, NEAR BEAM 2	3	2	2	Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR BOTTOM EDGE UNDER BEAM 2, 9 FT. LONG X 10 INCHES HIGH WITH 1/8 INCH SEPARATION	3	9	9	Feet
234	Delamination/Spall	BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE, IN BAY 7, 9 FT. LONG X 11 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP, WITH UP TO 1/4 INCH SEPARATION	3		9	Feet
234	Delamination/Spall	BENT 3, BOTTOM OF CAP HAS AN AREA OF DELAMINATION BETWEEN PILES 2 AND 3, 14 FT. LONG X 36 INCHES WIDE WITH 1/4 INCH SEPARATION, GOES UP FACE OF SPAN 4 CAP, 4 INCHES	3	14	14	Feet
234	Exposed Rebar	BENT 3 BOTTOM OF THE CAP HAS A SPALLED AREA BETWEEN PILES 1 AND 2, 80 INCHES X 16 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, NEAR SPAN 3 SIDE	3	7	7	Feet
234	Exposed Rebar	BENT 3 CAP HAS A SPALL ON THE NORTH EAST CORNER, 10 INCH X 10 INCH X 2 INCHES DEEP WITH REBAR EXPOSED	3	1	1	Feet
234	Exposed Rebar	BENT 3 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 5 AT TOP EDGE, 60 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR WITH ADJACENT DELAMINATION NEAR BEAM 6	3		5	Feet
234	Exposed Rebar	BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, 5 FT. LONG X 7 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED	3		5	Feet
234	Exposed Rebar	BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, NEAR BEAM 5, 28 INCHES LONG X 5 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED	3		2	Feet
234	Exposed Rebar	BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE FACE AND TOP OF THE CAP IN BAY 5, 6 FT. LONG X 15 INCHES WIDE X 10 INCHES ACROSS THE TOP WITH REBAR EXPOSED	3		6	Feet
234	Exposed Rebar	BENT 3 CAP, SPAN 4 SIDE HAS A SPALL WITH REBAR EXPOSED, 36 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP IN BAY 1, NEAR TOP EDGE, WITH ADJACENT DELAMINATION NEAR BEAM 2	3	3	3	Feet
234	Exposed Rebar	BENT 3, BOTTOM OF CAP BETWEEN PILES 1 AND 2 HAS A SPALL, 16 INCHES IN DIAMETER X 2 INCHES DEEP WITH REBAR EXPOSED	3	1	1	Feet
234	Exposed Rebar	BENT 3, BOTTOM OF CAP HAS A SPALL, 24 INCHES X 12 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, BETWEEN PILES 2 AND 3	3	2	2	Feet

General Comments

Bent 3

Reinforced Concrete Column 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	BENT 3, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHWEST CORNER, 34 INCHES WIDE X 7 FT. HIGH,	3	1	7 Each

STARTING AT THE BOTTOM OF THE CAP, WITH UP TO 1
INCH SEPARATION

General Comments

Bent 3 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	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	BENT 3, PILE 2 HAS A 3/16 INCH WIDE VERTICAL CRACK, IN THE WEST FACE NEAR THE SOUTHEAST CORNER, 15 FT. HIGH, ADJACENT TO THE STRUT	3	1	15	Each
205	Delamination/Spall	BENT 3, PILE 2 HAS AN AREA OF DELAMINATION ON THE NORTH EAST CORNER, 10 INCHES WIDE X 48 INCHES HIGH ADJACENT TO TOP OF STRUT, WITH 3/16 INCH SEPARATION	3		4	Each

General Comments

Bent 3 Reinforced Concrete Column 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Delamination/Spall	BENT 3, PILE 5 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, FULL HEIGHT X UP TO 30 INCHES WIDE WITH UP TO 1/2 INCH SEPARATION	3	1	35	Each

General Comments

Bent 4 Reinforced Concrete Footing 1

Reinforced Concrete Footing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinforced Concrete Pile Cap/Footing	6	6	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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General Comments

NOT VISIBLE

Bent 4 Reinforced Concrete Pier Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	83	0	7	76	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	BENT 4 CAP HAS A 1/8 INCH WIDE LONGITUDINAL CRACK IN THE TOP OF THE CAP, 30 INCHES LONG, 4 INCHES FROM THE FACE, NEAR BEAM 8, BEAM 8 BEARING AREA	3		3	Feet

		IS SOUND			
234	Cracking (RC and Other)	BENT 4 CAP, SPAN 4 SIDE HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN THE FACE OF THE CAP, 48 INCHES LONG, 7 INCHES DOWN FROM THE TOP EDGE UNDER BEAM 2, WITH ADJACENT DELAMINATION	3	4	4 Feet
234	Cracking (RC and Other)	BENT 4 CAP, SPAN 5 SIDE, BAY 1 HAS A 1/16 INCH WIDE LONGITUDINAL CRACK, 7 FT. LONG NEAR TOP EDGE WITH RUST STAINS AND DELAMINATION	3	7	7 Feet
234	Delamination/Spall	BENT 4 CAP SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, BAY 2, NEAR BEAM 3, 60 INCHES X 30 INCHES WITH 1/8 INCH SEPARATION X 3 INCHES ACROSS THE TOP	3	5	5 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE AT BAY 1 HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 60 INCHES LONG X 7 INCHES HIGH X 7 INCHES ACROSS THE TOP	3	5	5 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER, UNDER BEAM 7, 56 INCHES LONG X 9 INCHES UP THE FACE X 16 INCHES ACROSS THE BOTTOM, WITH UP TO 1/2 INCH SEPARATION	3		5 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP FROM BAY 3 TO BAY 4, 11 FT. LONG X 16 INCHES HIGH X 3 INCHES ACROSS THE TOP WITH 3/16 INCH SEPARATION	3	11	11 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 11 FT. LONG X 6 INCHES DOWN THE FACE X 7 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION	3	11	11 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 INCHES IN DIAMETER IN BAY 4, NEAR BEAM 5	3	1	1 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, FROM BEAM 5 TO BEAM 6, 10 FT. LONG X 27 INCHES HIGH X 3 INCHES ACROSS THE TOP WITH 3/8 INCH SEPARATION, BEARING AREAS ARE SOUND	3	10	10 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 4 SIDE UNDER BEAM 1 HAS A SPALL IN THE FACE OF THE CAP, 7 INCHES X 6 INCHES X 3 INCHES DEEP AT TOP EDGE	3	1	1 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 2, 24 INCHES X 7 INCHES X 2 INCHES DEEP WITH ADJACENT DELAMINATION	3	2	2 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 24 INCHES X 16 INCHES WITH 1/8 INCH SEPARATION	3		2 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 1, 28 INCHES X 26 INCHES X 7 INCHES ACROSS THE TOP OF THE CAP, ADJACENT TO BEAM 1 BEARING WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 3 AND BAY 3, 10 FT. LONG X 10 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP ADJACENT TO BEAM 3 BEARING WITH 1/4 INCH SEPARATION	3	10	10 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF CAP, FROM BAY 5 TO BAY 6, 12 FT. LONG X 30 INCHES DOWN THE FACE X 6 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION	3		12 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF THE CAP FROM BAY 4 TO BEAM 3, 15 FT. LONG X UP TO 1 FT. DOWN THE FACE X 6 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION	3		15 Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE, IN BAY 7, 11 FT. LONG X 24 INCHES DOWN THE FACE X 11 INCHES ACROSS THE TOP WITH UP TO 1 INCH SEPARATION	3		11 Feet
234	Exposed Rebar	BENT 4 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF SPALLING, 7 FT. LONG X 36 INCHES WIDE X 3	3	7	7 Feet

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234	Exposed Rebar	INCHES DEEP WITH EXPOSED REBAR BENT 4 CAP, SPAN 4 SIDE HAS A SPALL ON THE TOP AND FACE OF THE CAP IN BAY 7, 48 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED	3		4	Feet
234	Exposed Rebar	BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 30 INCHES LONG X 30 INCHES WIDE X 1.5 INCHES DEEP WITH EXPOSED REBAR	3		2	Feet
234	Patched Area	BENT 4 CAP, SPAN 5 SIDE HAS A UNSOUND PATCHED AREA IN THE FACE OF THE CAP UNDER BEAM 8, 5 FT. LONG X 3 FT. WIDE	3		5	Feet
234	Patched Area	BENT 4 CAP, SPAN 4 SIDE HAS A PATCH IN THE FACE OF THE CAP, 60 INCHES X 24 INCHES IN BAY 3 NEAR BEAM 3, NEAR TOP EDGE	2	5		Feet
234	Patched Area	BENT 4 CAP, SPAN 4 SIDE HAS A PATCH IN THE FACE OF THE CAP, NEAR TOP EDGE, 24 INCHES X 9 INCHES X 10 INCHES ACROSS THE TOP, UNDER BEAM 3	2	2		Feet

General Comments

Bent 4 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	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Exposed Rebar	BENT 4, PILE 2 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 6FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 4 FT. FROM GROUNDLINE	3	1	6	Each

General Comments

Bent 4 Reinforced Concrete Column 4

Reinforced Concrete Column

Element Number	Element Name	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	
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General Comments

Bent 4 Reinforced Concrete Column 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Exposed Rebar	BENT 4, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES WIDE X 5 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTS AT GROUND LINE	3		5	Each
205	Exposed Rebar	BENT 4, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 1 FT. WIDE X 10 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 4 FT. ABOVE GROUND LINE	3		10	Each
205	Exposed Rebar	BENT 4, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 1 FT. WIDE X 12 FT. HIGH X 4 INCHES DEEP	3	1	12	Each

WITH EXPOSED REBAR, STARTS 3 FT. ABOVE GROUND
LINE

General Comments

Approach 1 Reinforced Concrete Approach Slab 1

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
321	Reinforced Concrete Approach Slabs	870	870	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

APPROACH SLAB IS NOT VISIBLE DUE TO WEARING SURFACE.

Approach 2 Reinforced Concrete Approach Slab 2

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
321	Reinforced Concrete Approach Slabs	870	870	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

APPROACH SLAB IS NOT VISIBLE DUE TO WEARING SURFACE.

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4814
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	76
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	76
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 1	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 1	Expansion Joint	Compression Seal	Compression Joint Seal	82
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4814
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	76
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 2	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 2	Expansion Joint	Prefabricated Joint with Seal	Assembly Joint with Seal	82
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4814
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	76
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	76
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 3	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 3	Expansion Joint	Prefabricated Joint with Seal	Assembly Joint with Seal	82
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4814
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	76

Elements Verified

Location	Name	Component	Element Name	Amount
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	76
Span 4	Left Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 4	Right Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 4	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 4	Expansion Joint	Prefabricated Joint with Seal	Assembly Joint with Seal	82
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4814
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 6	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 7	Plate Girder	Steel Open Girder/Beam	75
Span 5	Beam 8	Plate Girder	Steel Open Girder/Beam	75
Span 5	Left Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 5	Right Bridge Rail	Steel Rail	Metal Bridge Railing	76
Span 5	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 5	Expansion Joint	Compression Seal	Compression Joint Seal	82
Span 5	Expansion Joint	Prefabricated Joint with Seal	Assembly Joint with Seal	82
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	83
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1		Reinforced Concrete Abutment	Reinforced Concrete Abutment	100
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	83
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	96
End Bent 2		Reinforced Concrete Abutment	Reinforced Concrete Abutment	110
Bent 3		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	83
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	83
Bent 4		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4		Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

Bent 1

NOT VISIBLE

Bent 2

END BENT PILES ARE NOT VISIBLE

Bent 2

NOT VISIBLE

Bent 4

Bent 4

NOT VISIBLE

Span 5

Expansion Joint

National Bridge and NC Inspection Items

Structure Number: 430142

Inspection Date: 05/16/2017

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	5
Item 59: Superstructure	0 - 9 , N	6
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		L		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	24		
Superstructure Paint Code		I		

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	19
Traffic Control Time	Hours	12
Snooper Time	Hours	12
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 430142

Inspection Date: 05/16/2017

Item	Deck - Item 58	Grade 5	Maint Code	Qty. 0
Details	RANDOM AREAS OF CRACKING UP TO 1/16 INCH WIDE, RANDOM AREAS OF SPALLS WITH REBAR EXPOSED ON THE BOTTOM SIDE			

Item	Superstructure - Item 59	Grade 6	Maint Code	Qty. 0
Details	BEAM 1, SPAN 5 AT BENT 4 HAS 1/4 INCH SECTION LOSS ON THE BOTTOM FLANGE, SUPERSTRUCTURE HAS BEEN REPAINTED BUT RUST IS STARTING TO BLEED THRU			

Item	Substructure - Item 60	Grade 4	Maint Code	Qty. 0
Details	REMAINED GRADE 4 DUE TO RANDOM AREAS OF SPALLING WITH REBAR EXPOSED			



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL, UNDER BEAM 1, 10 INCHES X 30 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR



Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE NORTHWEST CORNER NEAR GROUND LINE



Span 4 Beam 1 Far Bearing: SPAN 4, BEAM 1 FAR BEARING HAS FRECKLED RUST



Span 5 Beam 1 Near Bearing: SPAN 5, BEAM 1 NEAR BEARING HAS FRECKLED RUST



Span 5 Deck: SPAN 5, BOTTOM OF LEFT OVERHANG AT BENT 4 HAS A SPALL, 24 INCHES X 12 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, WITH ADJACENT DELAMINATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE AT BAY 1 HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 60 INCHES LONG X 7 INCHES HIGH X 7 INCHES ACROSS THE TOP



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN THE FACE OF THE CAP, 48 INCHES LONG, 7 INCHES DOWN FROM THE TOP EDGE UNDER BEAM 2, WITH ADJACENT DELAMINATION



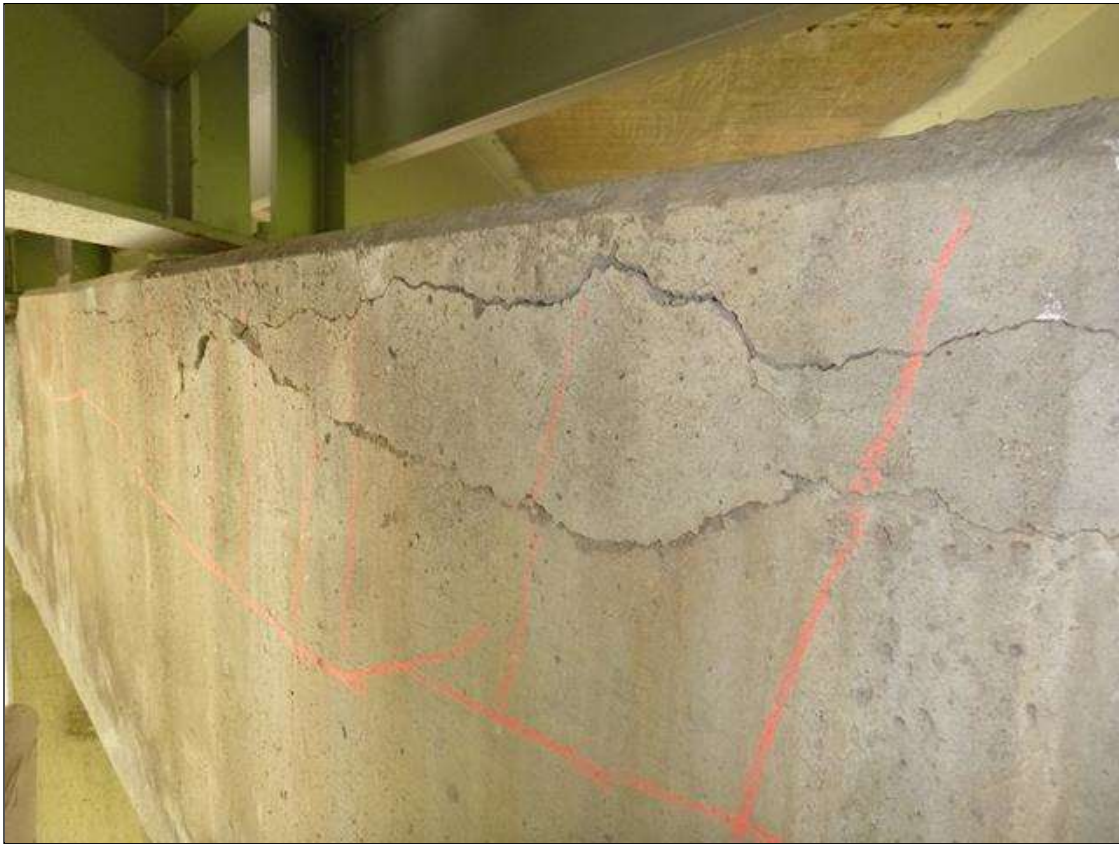
Bent 4 Cap 1: BENT 4 CAP SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, BAY 2, NEAR BEAM 3, 60 INCHES X 30 INCHES WITH 1/8 INCH SEPARATION X 3 INCHES ACROSS THE TOP



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A PATCH IN THE FACE OF THE CAP, NEAR TOP EDGE, 24 INCHES X 9 INCHES X 10 INCHES ACROSS THE TOP, UNDER BEAM 3



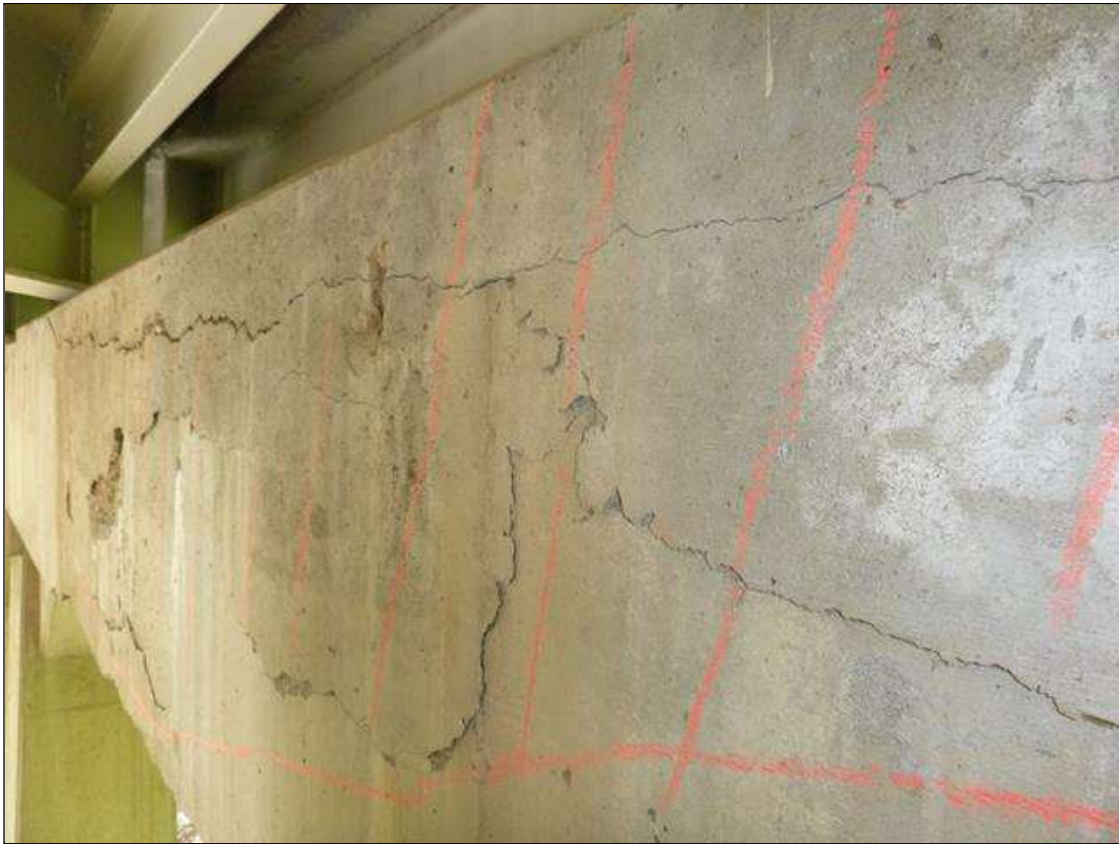
Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A PATCH IN THE FACE OF THE CAP, 60 INCHES X 24 INCHES IN BAY 3 NEAR BEAM 3, NEAR TOP EDGE



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP FROM BAY 3 TO BAY 4, 11 FT. LONG X 16 INCHES HIGH X 3 INCHES ACROSS THE TOP WITH 3/16 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 INCHES IN DIAMETER IN BAY 4, NEAR BEAM 5



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, FROM BEAM 5 TO BEAM 6, 10 FT. LONG X 27 INCHES HIGH X 3 INCHES ACROSS THE TOP WITH 3/8 INCH SEPARATION, BEARING AREAS ARE SOUND



Bent 4 Cap 1: BENT 4 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF SPALLING, 7 FT. LONG X 36 INCHES WIDE X 3 INCHES DEEP WITH EXPOSED REBAR



Span 4 Beam 2: SPAN 4, BEAM 2 HAS 10 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM



Span 4 Deck: SPAN 4, BOTTOM OF BAY 4 DECK HAS A HAIRLINE TRANSVERSE CRACK WITH EFFLO., 7 FT. LONG AT 3/4 POINT FOR A TOTAL OF 300 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Span 4 Deck: SPAN 4 BOTTOM OF BAY 3 DECK HAS 1 SQ. FT. OF 1/32 INCH WIDE MAP CRACKING, AT 3/4 POINT FOR A TOTAL OF 2200 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Bent 3 Cap 1: BENT 3, BOTTOM OF CAP HAS A SPALL, 24 INCHES X 12 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, BETWEEN PILES 2 AND 3



Bent 3 Cap 1: BENT 3, BOTTOM OF CAP HAS AN AREA OF DELAMINATION BETWEEN PILES 2 AND 3, 14 FT. LONG X 36 INCHES WIDE WITH 1/4 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 3, NEAR BEAM 4, 48 INCHES X 30 INCHES, WITH UP TO 1/2 INCH SEPARATION



BENT 3, STRUT BETWEEN PILES 2 AND 3 HAS AREA OF 1/4 INCH WIDE CRACKING AND DELAMINATION, SAME ELSEWHERE



Bent 3 Pile 2: BENT 3, PILE 2 HAS A 3/16 INCH WIDE VERTICAL CRACK, IN THE WEST FACE NEAR THE SOUTHEAST CORNER, 15 FT. HIGH, ADJACENT TO THE STRUT



Bent 3 Pile 2: BENT 3, PILE 2 HAS AN AREA OF DELAMINATION ON THE NORTH EAST CORNER, 10 INCHES WIDE X 48 INCHES HIGH ADJACENT TO TOP OF STRUT, WITH 3/16 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 2, 24 INCHES X 41 INCHES X 2 INCHES ACROSS THE TOP OF THE CAP WITH 3/16 INCH SEPARATION



Bent 3 Cap 1: BENT 3, BOTTOM OF CAP BETWEEN PILES 1 AND 2 HAS A SPALL, 16 INCHES IN DIAMETER X 2 INCHES DEEP WITH REBAR EXPOSED



Bent 3 Cap 1: BENT 3 BOTTOM OF THE CAP HAS A SPALLED AREA BETWEEN PILES 1 AND 2', 80 INCHES X 16 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, NEAR SPAN 3 SIDE



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR BOTTOM EDGE UNDER BEAM 2, 9 FT. LONG X 10 INCHES HIGH WITH 1/8 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 24 INCHES LONG X 4 INCHES WIDE AT TOP EDGE WITH 1/8 INCH SEPARATION, BAY 2, NEAR BEAM 2



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL WITH REBAR EXPOSED, 36 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP IN BAY 1, NEAR TOP EDGE, WITH ADJACENT DELAMINATION NEAR BEAM 2



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1 AND UNDER BEAM 1, 72 INCHES LONG X 14 INCHES HIGH WITH 3/16 INCH SEPARATION AND GOES 3 INCHES ACROSS THE TOP OF THE CAP



Span 4 Beam 1: SPAN 4 BEAM 1 AT BENT 3 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING



Bent 3 Cap 1: BENT 3 CAP HAS A SPALL ON THE NORTH EAST CORNER, 10 INCH X 10 INCH X 2 INCHES DEEP WITH REBAR EXPOSED



Bent 3 Pile 1: BENT 3, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHWEST CORNER, 34 INCHES WIDE X 7 FT. HIGH, STARTING AT THE BOTTOM OF THE CAP, WITH UP TO 1 INCH SEPARATION



BENT 3, SPAN 4 SIDE BENT DIAPHRAGM UNDER THE LEFT OVERHANG HAS A SPALL WITH EXPOSED REBAR, 9 INCHES X 7 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR



Span 4 Deck: SPAN 4, BOTTOM OF LEFT OVERHANG HAS A SPALL, 11 INCHES X 7 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR



BENT 3, SPAN 3 SIDE BENT DIAPHRAGM UNDER THE LEFT OVERHANG HAS A SPALL WITH EXPOSED REBAR, 9 INCHES X 7 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR TOP EDGE 12 FT. LONG X 8 INCHES WIDE FROM THE LEFT END OF THE CAP TO BEAM 2 WITH UP TO 3/16 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR THE BOTTOM EDGE, BETWEEN PILES 1 AND 2, 8 INCHES HIGH X 12 FT. LONG



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 2 NEAR BEAM 2, 43 INCHES X 27 INCHES WITH 3/16 SEPARATION



Span 3 Deck: SPAN 3, BOTTOM OF BAY 2 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING NEAR BENT 3 FOR A TOTAL OF 2100 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Span 3 Deck: SPAN 3, BOTTOM OF BAY 2 DECK HAS A HAIRLINE TRANSVERSE CRACK NEAR BENT 3, 7 FT. LONG FOR A TOTAL OF 315 SQ. FT. OF CRACKING THRU OUT THE BOTTOM OF THE SPAN



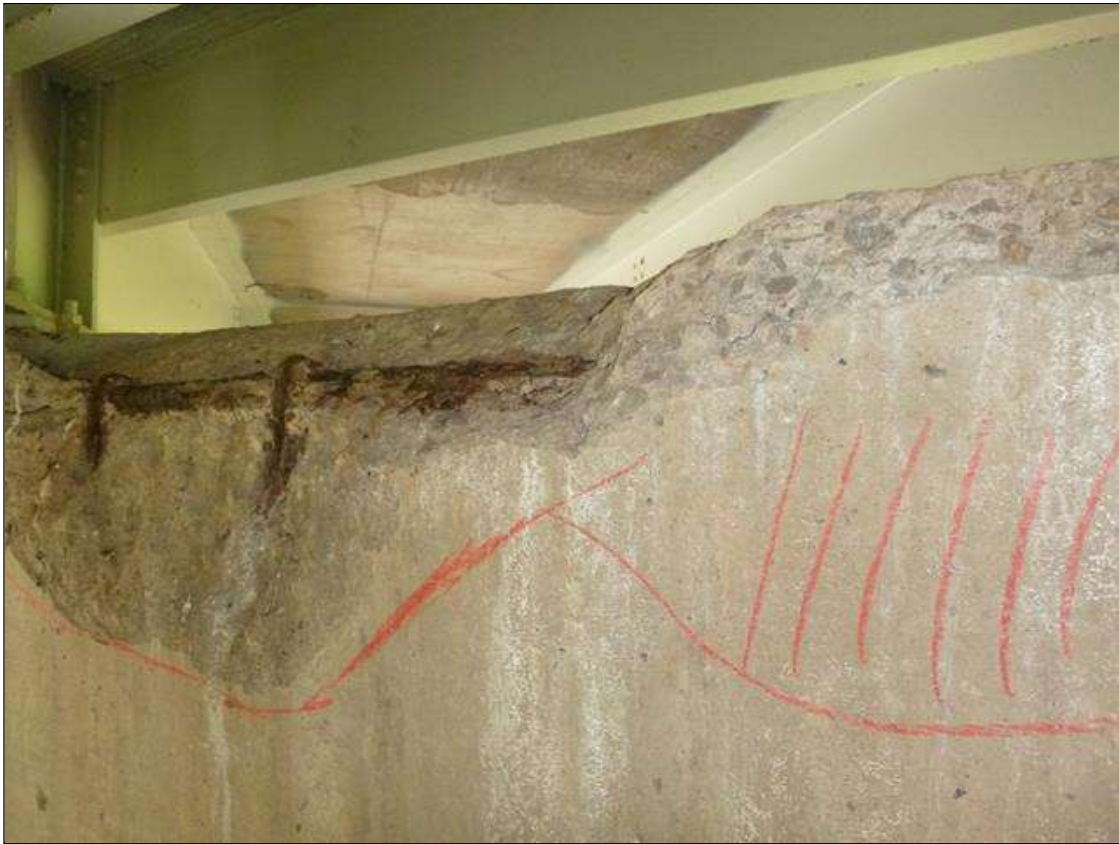
Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP NEAR BOTTOM EDGE IN BAY 3, 11 FT. LONG X 8 INCHES HIGH WITH 1/4 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT TOP EDGE IN BAY 4, 33 INCHES X 7 INCHES WITH 1/8 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 4, 12 INCHES X 24 INCHES WITH 1/16 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 5 AT TOP EDGE, 60 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR WITH ADJACENT DELAMINATION NEAR BEAM 6



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE, BOTTOM EDGE, BETWEEN PILES 3 AND 4 HAS AN AREA OF DELAMINATION 60 INCHES X 4 INCHES UP THE FACE X 6 INCHES ACROSS THE BOTTOM, NEAR PILE 4



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN BAY 4, NEAR TOP EDGE, 2 FT. LONG WITH RUST STAINS



Bent 2 Cap 1: BENT 2 CAP, BETWEEN PILES 2 AND 3 HAS AN AREA OF DELAMINATION IN THE BOTTOM, 12 FT. LONG X 36 INCHES WIDE AND GOES UP ON BOTH FACES UP TO 4 INCHES HIGH WITH 1/4 INCH SEPARATION



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT BEAM 3, 60 INCHES X 10 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION, BEARING AREA FOR BEAM 3 IS SOUND



Span 3 Beam 3: SPAN 3, BEAM 3 AT BENT 2 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 1 WITH 7/8 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 11/16 INCH REMAINING, SECTION LOSS HAS BEEN PAINTED OVER



Bent 2 Pile 2: BENT 2, PILE 2 HAS AN AREA OF DELAMINATION IN THE NORTHWEST CORNER, 9 INCHES WIDE X 12 FT. HIGH ADJACENT TO STRUT WITH RUST STAINS



Bent 2 Pile 2: BENT 2 CAP SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1, UNDER BEAM 1, 48 INCHES LONG X 36 INCHES HIGH WITH 1/8 INCH WIDE CRACKING WITH RUST STAINS



BENT 2 CAP, LEFT BOTTOM END HAS A SPALL, 14 INCHES X 32 INCHES X 3 INCHES DEEP WITH REBAR EXPOSED



Span 2 Deck: SPAN 2, BOTTOM OF BAY 1 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING WITH EFFLO. NEAR BENT 2, FOR A TOTAL OF 2200 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Span 2 Deck: SPAN 2, BOTTOM OF BAY 1 DECK HAS A HAIRLINE TRANSVERSE CRACK, 7 FT. LONG NEAR BENT 2 FOR A TOTAL OF 375 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Bent 2 Cap 1: BENT 2 BOTTOM OF CAP HAS AN AREA OF DELAMINATION, 24 INCHES X 12 INCHES, BETWEEN PILES 1 AND 2, NEAR PILE 2, SPAN 2 SIDE WITH 1/8 INCH SEPARATION



Bent 2 Cap 1: BENT 2 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF DELAMINATION, 12 FT. X 36 INCHES WITH 5/8 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF THE CAP UNDER BEAM 3 AND BAY 2, 8 FT. LONG X UP TO 24 INCHES DOWN THE FACE X UP TO 12 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 1 NEAR TOP EDGE HAS A SPALL, 48 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, WITH DELAMINATION 10 INCHES ACROSS THE TOP IN THIS AREA



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE IN BAY 1, NEAR BEAM 2, 32 INCHES LONG X 9 INCHES DOWN THE FACE X 3 INCHES ACROSS THE TOP



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE NORTHEAST CORNER UNDER BEAM 1, 2 FT. LONG X 4 INCHES HIGH X 2 INCHES DEEP WITH REBAR EXPOSED, BEARING AREA IS SOUND



Span 2 Beam 1: SPAN 2, BEAM 1 AT BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE, FROM THE FACE OF THE BEARING OUT 18 INCHES X FULL WIDTH WITH 7/8 INCH REMAINING, PREVIOUS SECTION LOSS HAS BEEN PAINTED OVER AND RUST IS STARTING TO BLEED THRU



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE UNDER BEAM 1 HAS A SPALL IN THE FACE OF THE CAP, 7 INCHES X 6 INCHES X 3 INCHES DEEP AT TOP EDGE



Span 5 Beam 1: SPAN 5, BEAM 1 AT BENT 4 HAS 1/4 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE, FROM FACE OF BEARING OUT 8 INCHES, X 8 INCHES WIDE WITH 3/4 INCH REMAINING



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 1, 28 INCHES X 26 INCHES X 7 INCHES ACROSS THE TOP OF THE CAP, ADJACENT TO BEAM 1 BEARING WITH 1/8 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 3 AND BAY 3, 10 FT. LONG X 10 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP ADJACENT TO BEAM 3 BEARING WITH 1/4 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 2, 24 INCHES X 7 INCHES X 2 INCHES DEEP WITH ADJACENT DELAMINATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE, BAY 1 HAS A 1/16 INCH WIDE LONGITUDINAL CRACK, 7 FT. LONG NEAR TOP EDGE WITH RUST STAINS AND DELAMINATION



Bent 4 Pile 2: BENT 4, PILE 2 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 6FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 4 FT. FROM GROUNDLINE



Span 1 Deck: SPAN 1, TOP OF THE DECK HAS A 1/16 WIDE DIAGONAL CRACK, 20 FT. LONG, 9 FT. FROM THE LEFT RAIL AT END BENT 1 FOR A TOTAL OF 300 SQ. FT. OF DIAGONAL CRACKING THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES



Span 1 Left Bridge Rail: SPAN 1, LEFT METAL RAIL HAS 6 FT. OF 2 INCH WIDE TEARS THRU OUT THE RAIL



Span 1 Deck: SPAN 1 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 3/4 POINT, 12 FT. LONG FOR A TOTAL OF 100 SQ. FT. THRU OUT THE WEST AND EAST BOUND LANES



Span 1 Median Rail: SPAN 1 MEDIAN RAIL HAS HAIRLINE TO 1/16 INCH WIDE CRACKING THRU OUT THE LENGTH OF THE RAIL



Span 2 Deck: SPAN 2, TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, 10 FT. LONG AT BENT 1, 9 FT. FROM THE LEFT RAIL, FOR A TOTAL OF 280 SQ. FT. OF DIAGONAL CRACKING THRU OUT THE TOP OF THE SPAN, WEST AND EAST BOUND LANES



Span 2 Deck: SPAN 2 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 2/3 POINT, 12 FT. LONG FOR A TOTAL OF 500 SQ. FT. THRU OUT THE TOP OF THE SPAN, WEST AND EAST BOUND LANES



Span 3 Deck: SPAN 3 TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, STARTING AT BENT 2, 14 FT. LONG FOR A TOTAL OF 350 SQ. FT. THRU OUT THE SPAN, WEST AND EAST BOUND LANES



Span 3 Deck: SPAN 3 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT THE 1/3 POINT, 12 FT. LONG FOR A TOTAL OF 550 SQ. FT. THRU OUT THE SPAN, WEST AND BOUND LANES



Span 3 Left Bridge Rail: SPAN 3 LEFT RAIL HAS 12 FT. OF 2 INCH WIDE TEARS THRU OUT THE RAIL



Span 4 Left Bridge Rail: SPAN 4, LEFT CURB AT BENT 3 HAS A SPALL, 16 INCHES LONG X 4 INCHES HIGH X 5 INCHES DEEP WITH EXPOSED REBAR



Span 4 Deck: SPAN 4 TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK, STARTING AT BENT 3, 7 FT. LONG FOR A TOTAL OF 370 SQ. FT. THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES



Span 4 Deck: SPAN 4 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK, AT THE 3/4 POINT, 12 FT. LONG FOR A TOTAL OF 770 SQ. FT. THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES



Span 4 Left Bridge Rail: SPAN 4, LEFT RAIL HAS 25 FT. OF IMPACT DAMAGE, RAIL IS PUSHED OUT 3.5 INCHES, STARTING AT BENT 4



Span 5 Deck: SPAN 5, TOP OF THE DECK HAS A 1/16 INCH WIDE DIAGONAL CRACK AT BENT 4, 8 FT. LONG FOR A TOTAL OF 360 SQ. FT. THRU OUT THE SPAN IN THE WEST AND EAST BOUND LANES



Span 5 Deck: SPAN 5 TOP OF THE DECK HAS A 1/16 INCH WIDE TRANSVERSE CRACK AT 1/3 POINT, 12 FT. LONG FOR A TOTAL OF 580 SQ. FT. THRU OUT THE WEST AND EAST BOUND LANES



End Bent 2 Abutment/Backwall : END BENT 2 ABUTMENT HAS A SPALL, 32 INCHES LONG X 8 INCHES HIGH X 1 INCH DEEP AT THE LEFT SIDE OF BEAM 1



Span 5 Beam 1 Far Bearing: SPAN 5, BEAM 1 FAR BEARING HAS FRECKLED RUST



End Bent 2 Abutment/Backwall : END BENT 2 ABUTMENT HAS A SPALL, 8 INCHES WIDE X 16 INCHES HIGH X 4 INCHES DEEP WITH REBAR EXPOSED, ADJACENT TO THE LEFT SIDE OF BEAM 3



End Bent 2 Cap 1: END BENT 2, BAY 2 CAP HAS A 1/8 INCH WIDE LONGITUDINAL CRACK, 5 FT. LONG NEAR TOP EDGE IN THE FACE OF THE CAP



End Bent 2 Cap 1: END BENT 2 FACE OF CAP HAS A SPALL, 38 INCHES LONG X 12 INCHES HIGH X 1.5 INCHES DEEP AT BAY 3



End Bent 2 Cap 1: END BENT 2 FACE OF CAP HAS A 1/16 INCH WIDE LONGITUDINAL CRACK IN BAYS 3 AND 4, 10 FT. LONG WITH RUST STAINS



Span 5 Deck: SPAN 5 BOTTOM OF BAY 7 DECK HAS 1 SQ. FT. OF 1/32 INCH WIDE MAP CRACKING, 8 FT. FROM END BENT 2 FOR A TOTAL OF 2150 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



Span 5 Deck: SPAN 5 BOTTOM OF BAY 7 DECK HAS A HAIRLINE TRANSVERSE CRACK, 7 FT. LONG, 3 FT. FROM END BENT 2, FOR A TOTAL OF 200 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



END BENT 2 ASPHALT WEARING SURFACE APPROACH ROADWAY HAS A 16 FT. LONG X 12 INCH WIDE PATCH, ADJACENT TO END BENT 2 JOINT IN THE WEST BOUND LANES



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT UNDER BEAM 8 HAS A SPALL, 48 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP UNDER BEAM 8 BEARING AREA, WITH EXPOSED REBAR, CONCRETE AT BRIDGE SEAT ADJACENT TO BEARING IS DELAMINATED



SPAN 1, BEAM 1 NEAR BEARING HAS A 5 INCHES X 6 INCH X 2.5 INCH VERTICALLY AREA WITH OUT BEARING



Span 1 Beam 8 Near Bearing: SPAN 1, BEAM 8 NEAR BEARING HAS FRECKLED RUST



Span 1 Beam 8: SPAN 1, BEAM 8 HAS 18 FT. OF FRECKLED RUST ON THE EDGES OF THE BOTTOM FLANGE THRU OUT THE LENGTH OF THE BEAM



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT HAS A 1/8 INCH WIDE LONGITUDINAL CRACK , 36 FT. LONG, 4 INCHES DOWN FROM TOP OF BRIDGE SEAT, FROM BEAM 5 TO BEAM 8 WITH DELAMINATION



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT UNDER BEAM 6 HAS A SPALL, 36 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, WITH AN AREA OF 4 INCHES X 5 INCHES X 4 INCHES VERTICALLY OF LOST BEARING DUE TO SPALL



Span 1 Deck: SPAN 1, BOTTOM OF BAY 6 DECK HAS A HAIRLINE TRANSVERSE CRACK, 7 FT. LONG WITH EFFLO., 8 FT. FROM END BENT 1, FOR A TOTAL OF 290 SQ. FT. THRU OUT THE BOTTOM OF THE SPAN



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT BACK WALL IN BAY 3 HAS A 1 INCH WIDE LONGITUDINAL CRACK, 10 FT. LONG, 4 INCHES BELOW THE BOTTOM OF THE DECK



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 5, 24 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP, WITH AN AREA 6 INCHES X 2.5 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT HAS A 1/8 INCH WIDE LONGITUDINAL CRACK , 48 FT. LONG, 4 INCHES DOWN FROM TOP OF BRIDGE SEAT, FROM LEFT END OF ABUTMENT TO BEAM 5, WITH DELAMINATION



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT UNDER BEAM 2 HAS AN AREA OF DELAMINATION IN THE FACE, 36 INCHES X 12 INCHES WITH 1/8 INCH SEPARATION



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 1, 48 INCHES LONG X 14 INCHES HIGH X 5 INCHES DEEP, WITH AN AREA 6 INCHES X 8 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE IN BAY 2 HAS A SPALL, 36 INCHES LONG X 8 INCHES HIGH X 5 INCHES DEEP WITH REBAR EXPOSED, WITH ADJACENT DELAMINATION, NEAR TOP EDGE



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 3 HAS A SPALL IN THE FACE OF THE CAP, 38 INCHES LONG X 16 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED WITH ADJACENT DELAMINATION



Bent 1 Cap 1: BENT 1 BOTTOM OF CAP BETWEEN PILES 2 AND 3 HAS AN AREA OF DELAMINATION , 12 FT. X 36 INCHES WITH UP TO 1/2 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL IN THE FACE OF THE CAP IN BAY 4, NEAR TOP EDGE, 46 INCHES LONG X 11 INCHES HIGH X 2.5 INCHES DEEP WITH EXPOSED REBAR, WITH ADJACENT DELAMINATION IN THE FACE AND 4 INCHES ACROSS TOP OF CAP



Span 1 Beam 5: SPAN 5, BEAM 1 AT BENT 1 HAS 1/16 INCH SECTION LOSS IN THE BOTTOM OF THE BOTTOM FLANGE, FROM THE FACE OF BEARING OUT 2 FT. X FULL WIDTH. WITH 15/16 INCH REMAINING, PREVIOUS SECTION LOSS HAS BEEN PAINTED OVER



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE, TOP AND FACE IN BAY 4 HAS AN AREA OF DELAMINATION, 7 FT. LONG X 12 INCHES HIGH ON THE FACE X 17 INCHES ACROSS THE TOP OF THE CAP, WITH 3/4 INCH SEPARATION



Bent 1 Pile 4: EAST FACE HAS MULTIPLE 1/8" - 1/4" WIDE VERTICAL CRACKS NEAR THE CORNERS.



Span 1 Beam 6 Far Bearing: SPAN 1, BEAM 6 FAR BEARING HAS FRECKLED RUST



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 6 HAS AN AREA OF DELAMINATION NEAR TOP EDGE IN THE FACE OF THE CAP, 48 INCHES X 8 INCHES DOWN THE FACE X 5 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION, BEAM 6 BEARING AREA IS SOUND



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE, UNDER BEAMS 7 AND 8, NEAR TOP EDGE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 FT. LONG X UP TO 18 INCHES HIGH X 5 INCHES ACROSS THE TOP WITH 1/2 INCH SEPARATION, BEAM 7 BEARING AREA IS DELAMINATED



Span 1 Deck: SPAN 1 BOTTOM OF BAY 6 DECK HAS A 1 SQ. FT. AREA OF 1/32 INCH WIDE MAP CRACKING AT BENT 1, FOR A TOTAL OF 1800 SQ. FT. THRU OUT BOTTOM OF THE SPAN



Bent 1 Pile 5: BENT 1, PILE 5 HAS A PATCHED AREA ON THE EAST FACE, 34 INCHES WIDE X 10 FT. HIGH WITH 1 INCH WIDE VERTICAL CRACKS



Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 3 FT. ABOVE GROUND LINE



Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHWEST CORNER, 14 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE



Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 10 INCHES WIDE X 28 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE



Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF RIGHT END HAS A SPALL, 36 INCHES X 10 INCHES X 6 INCHES VERTICALLY WITH REBAR EXPOSED



Span 2 Deck: SPAN 2, BOTTOM OF RIGHT OVERHANG AT BENT 1 HAS A SPALL, 7 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR



BENT 1, BENT DIAPHRAGMS UNDER RIGHT OVERHANG HAVE UP TO 3 INCH DEEP SPALLING WITH EXPOSED REBAR



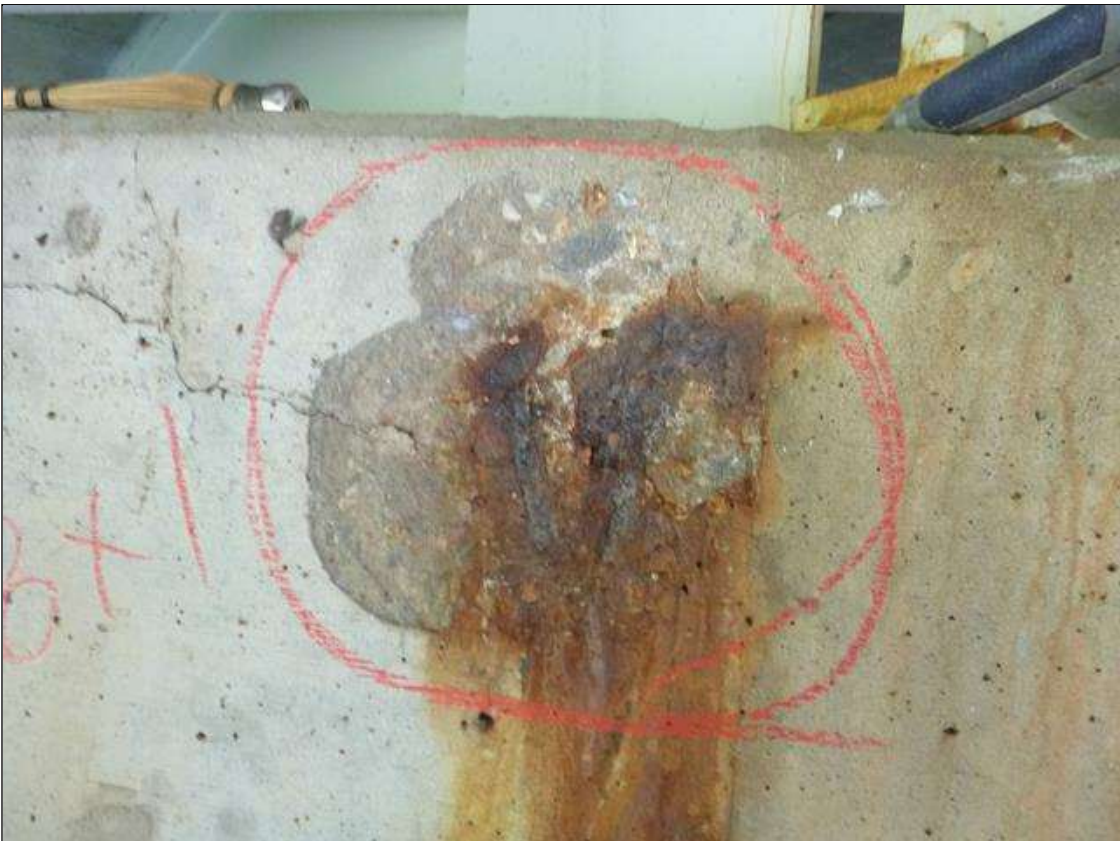
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, FROM RIGHT END OF CAP OVER 6 FT. LONG X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED, SPALL GOES ACROSS TOP OF CAP AT RIGHT SIDE OF BEAM 8 BEARING AREA 14 INCHES X 2.5 INCHES DEEP, BEARING AREA IS SOUND



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 7 AND UNDER BEAM 7 HAS A SPALL IN THE FACE OF THE CAP NEAR TOP EDGE WITH REBAR EXPOSED, 10 FT. LONG X 9 INCHES HIGH X 2.5 INCHES DEEP, DELAMINATION GOES ACROSS THE TOP OF THE CAP IN BAY 7, 10 INCHES



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER OF THE CAP, UNDER BEAM 7, 6 FT. LONG X 12 INCHES WIDE, WITH 1/4 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, NEAR TOP EDGE, NEAR BEAM 6, 9 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE IN BAYS 4 AND 5, 20 FT. LONG X 12 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE TOP WITH RUST STAINS AND 1/4 INCH WIDE SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 3 UNDER BEAM 4, 53 INCHES X 35 INCHES WITH 1/4 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER IN BAY 5, 12 FT. LONG X UP TO 15 INCHES WIDE WITH 1/4 INCH SEPARATION



Span 2 Deck: SPAN 2, BOTTOM OF BAY 4 DECK, NEAR BENT 1 HAS 2 SPALLS, 14 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 48 INCHES X 24 INCHES X 4 INCHES ACROSS THE TOP WITH 1/16 INCH SEPARATION



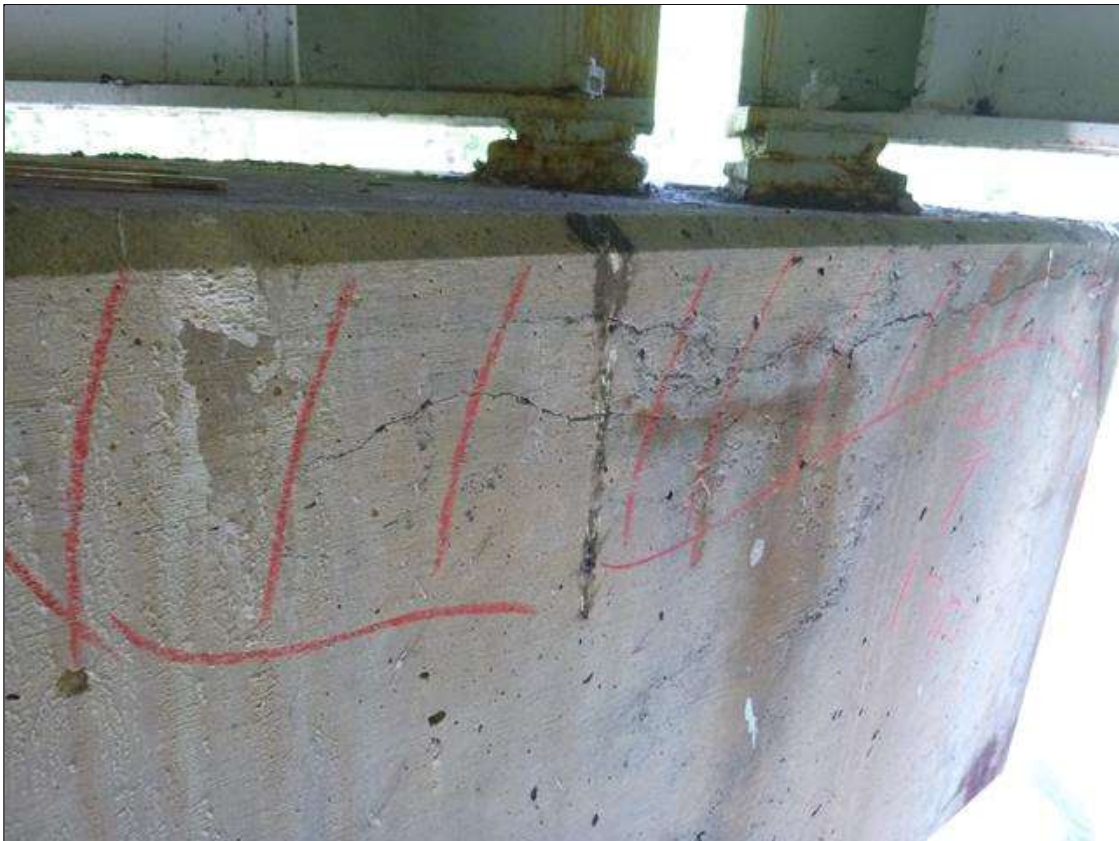
Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR BOTTOM EDGE, IN BAY 6, 36 INCHES X 5 INCHES WITH 1/16 INCH SEPARATION



Bent 2 Cap 1: BENT 2 CAP HAS AN AREA OF DELAMINATION IN THE BOTTOM OF THE CAP, BETWEEN PILES 4 AND 5, 8 FT. X 36 INCHES



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 7, 12 INCHES X 18 INCHES WITH 1/32 INCH SEPARATION



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 7 AND UNDER BEAM 8, NEAR TOP EDGE, 60 INCHES X 9 INCHES X 4 INCHES ACROSS THE TOP



Bent 2 Cap 1: BENT 2 CAP HAS AN AREA OF DELAMINATION ON THE BOTTOM RIGHT END, 36 INCHES X 8 INCHES WITH 1/8 INCH SEPARATION



Bent 2 Pile 5: BENT 2, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 16 INCHES WIDE X 40 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR AND ADJACENT DELAMINATION, SPALL STARTS 8 INCHES FROM BOTTOM OF CAP



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 8, 50 INCHES X 21 INCHES WITH 3/16 INCH SEPARATION, AND GOES ACROSS TOP OF CAP 10 INCHES ADJACENT TO BEAM 8 BEARING AREA



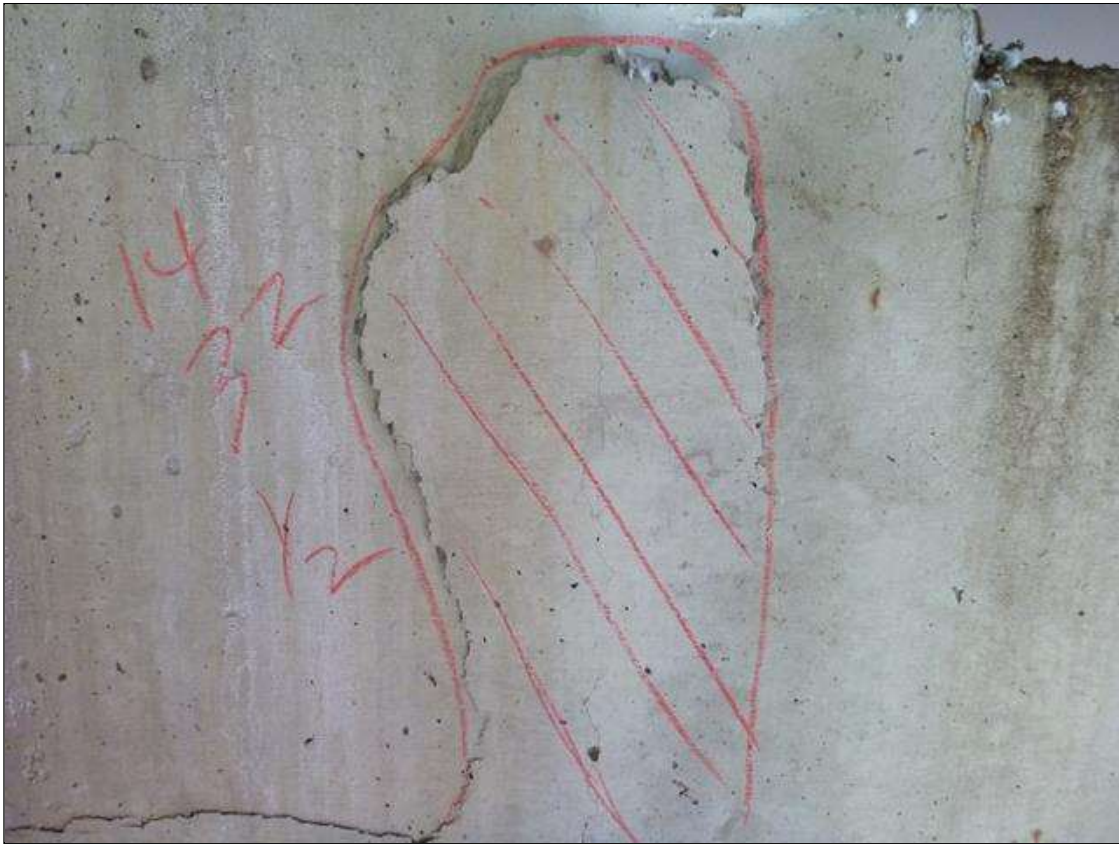
Span 2 Deck: SPAN 2 DECK, BOTTOM OF RIGHT OVERHANG AT BENT 2 HAS A SPALL, 12 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR



BENT 2, BENT DIAPHRAGMS UNDER RIGHT OVERHANG HAVE UP TO 3 INCH DEEP SPALLING WITH EXPOSED REBAR



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER, IN BAY 5, 14 FT. LONG X 8 INCHES UP THE FACE X 14 INCHES ACROSS THE BOTTOM, WITH 1/8 INCH SEPARATION, WITH RUST STAINS



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION ON THE FACE OF THE CAP, UNDER BEAM 5, 14 INCHES X 32 INCHES WITH 1/2 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 15 INCHES X 16 INCHES



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 7, NEAR TOP EDGE, 48 INCHES X 8 INCHES X 2 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 7, 12 INCHES X 28 INCHES X 6 INCHES ACROSS THE BOTTOM WITH 1/4 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8, 16 INCHES X 18 INCHES WITH 1/32 INCH SEPARATION



Bent 3 Pile 5: BENT 3, PILE 5 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, FULL HEIGHT X UP TO 30 INCHES WIDE WITH UP TO 1/2 INCH SEPARATION



Span 3 Deck: SPAN 3, BOTTOM OF BAY 6 DECK HAS AN AREA OF DELAMINATION AT 1/3 POINT, 24 INCHES X 32 INCHES WITH 1/2 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, BOTTOM OF THE RIGHT END HAS AN AREA OF DELAMINATION, 36 INCHES X 8 INCHES WITH 1/16 INCH SEPARATION



BENT 3, BENT DIAPHRAGMS UNDER RIGHT OVERHANG HAVE UP TO 3 INCH DEEP SPALLING WITH EXPOSED REBAR



Span 3 Deck: SPAN 3, BOTTOM OF RIGHT OVERHANG AT BENT 3 HAS A SPALL, 7 INCHES X 9 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8, 36 INCHES X 39 INCHES X 3 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, NEAR TOP EDGE, IN BAY 7, 9 FT. LONG X 11 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP, WITH UP TO 1/4 INCH SEPARATION



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, NEAR TOP EDGE, 48 INCHES X 14 INCHES WITH 1/16 INCH WIDE LONGITUDINAL CRACKING WITH RUST STAINS



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE FACE AND TOP OF THE CAP IN BAY 5, 6 FT. LONG X 15 INCHES WIDE X 10 INCHES ACROSS THE TOP WITH REBAR EXPOSED



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, 5 FT. LONG X 7 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, NEAR BEAM 5, 28 INCHES LONG X 5 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED



Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 5, 24 INCHES X 26 INCHES WITH 3/16 INCH SEPARATION, WITH 1/16 INCH WIDE CRACKING WITH RUST STAINS



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 11 FT. LONG X 6 INCHES DOWN THE FACE X 7 INCHES ACROSS THE TOP, WITH 1/8 INCH SEPARATION



Span 4 Deck: SPAN 4, BOTTOM OF BAY 6 DECK, AT BENT 4 HAS A SPALL, NEAR BEAM 6, 10 INCHES IN DIAMETER X 2.5 INCHES DEEP WITH EXPOSED REBAR



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A SPALL ON THE TOP AND FACE OF THE CAP IN BAY 7, 48 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED



Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM CORNER, UNDER BEAM 7, 56 INCHES LONG X 9 INCHES UP THE FACE X 16 INCHES ACROSS THE BOTTOM, WITH UP TO 1/2 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP HAS A 1/8 INCH WIDE LONGITUDINAL CRACK IN THE TOP OF THE CAP, 30 INCHES LONG, 4 INCHES FROM THE FACE, NEAR BEAM 8, BEAM 8 BEARING AREA IS SOUND



Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 1 FT. WIDE X 12 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 3 FT. ABOVE GROUND LINE



Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 1 FT. WIDE X 10 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 4 FT. ABOVE GROUND LINE



BENT 4, BENT DIAPHRAGMS UNDER RIGHT OVERHANG HAVE UP TO 3 INCH DEEP SPALLING WITH EXPOSED REBAR



Span 4 Deck: SPAN 4, BOTTOM OF RIGHT OVERHANG AT BENT 4 HAS A SPALL, 9 INCHES X 12 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED



Span 5 Deck: SPAN 5, BOTTOM OF RIGHT OVERHANG AT BENT 4 HAS A SPALL, 9 INCHES X 11 INCHES X 2 INCHES DEEP WITH REBAR EXPOSED



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS A UNSOUND PATCHED AREA IN THE FACE OF THE CAP UNDER BEAM 8, 5 FT. LONG X 3 FT. WIDE



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 30 INCHES LONG X 30 INCHES WIDE X 1.5 INCHES DEEP WITH EXPOSED REBAR



Span 5 Deck: SPAN 5 BOTTOM OF BAY 7 DECK HAS A SPALL, NEAR BEAM 8, 12 INCHES X 10 INCHES X 2.5 INCHES DEEP WITH EXPOSED REBAR



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE, IN BAY 7, 11 FT. LONG X 24 INCHES DOWN THE FACE X 11 INCHES ACROSS THE TOP WITH UP TO 1 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 6, NEAR TOP EDGE, 24 INCHES X 16 INCHES WITH 1/8 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF CAP, FROM BAY 5 TO BAY 6, 12 FT. LONG X 30 INCHES DOWN THE FACE X 6 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION



Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE OF THE CAP FROM BAY 4 TO BEAM 3, 15 FT. LONG X UP TO 1 FT. DOWN THE FACE X 6 INCHES ACROSS THE TOP WITH 1/4 INCH SEPARATION



Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES WIDE X 5 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTS AT GROUND LINE



END BENT 1, RIGHT SIDE HAS 25 FT. OF GUARDRAIL DAMAGE



Span 1 Right Bridge Rail: SPAN 1, RIGHT METAL RAIL HAS 30 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL



Span 4 Deck: SPAN 4, TOP OF DECK HAS A PATCH, 32 INCHES X 52 INCHES, AT BENT 3, 7 FT. FROM THE RIGHT RAIL



Span 4 Right Bridge Rail: SPAN 4, RIGHT METAL RAIL HAS 10 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL



Span 5 Right Bridge Rail: SPAN 5 RIGHT METAL RAIL HAS 30 FT. OF 2 INCH WIDE TEARS THRU OUT THE LENGTH OF THE RAIL



END BENT 2 ASPHALT WEARING SURFACE APPROACH HAS 16 SQ. FT. OF PATCHES, EAST BOUND LANES



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL ON THE TOP EDGE UNDER BEAM 1, 48 INCHES X 9 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR



BENT 1, BOTTOM OF LEFT OVERHANG, BENT DIAPHRAGMS FOR SPANS 1 AND 2, SPALLED UP TO 3 INCHES DEEP WITH EXPOSED REBAR



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A 1/16 INCH WIDE TRANSVERSE CRACK, 4 FT. LONG IN BAY 1, NEAR TOP EDGE IN THE FACE OF THE CAP



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 1, NEAR TOP EDGE, UNDER BEAM 2, 4 FT. LONG X 1 FT. HIGH



Bent 1 Cap 1: BENT 1, BOTTOM OF CAP HAS AN AREA OF SPALLING, 5 FT. LONG X 2.5 FT. WIDE X 3 INCHES DEEP BETWEEN PILES 1 AND 2 WITH REBAR EXPOSED



Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE EAST FACE NEAR GROUND LINE



Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES X 12 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR, 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF LEFT END HAS A SPALL, 36 INCHES X 8 INCHES X 4 INCHES DEEP
WITH EXPOSED REBAR



SPAN 4 BEAM 3 FAR BEARING



BENT 3, SPAN 4 SIDE



SPAN 4 SUPERSTRUCTURE LOOKING WEST



LEFT SIDE OF SPAN 3



LOOKING DOWNSTREAM FROM SPAN 3



BENT 2, SPAN 3 SIDE



STREAM BANK AT THE WEST SIDE OF BENT 1



BENT 2 SPAN 3, BAY 2 BENT DIAPHRAGM



STREAM BANK AT WEST SIDE OF BENT 2



LEFT SIDE OF BRIDGE LOOKING WEST



END BENT 2, RIGHT HALF



END BENT 2, LEFT HALF



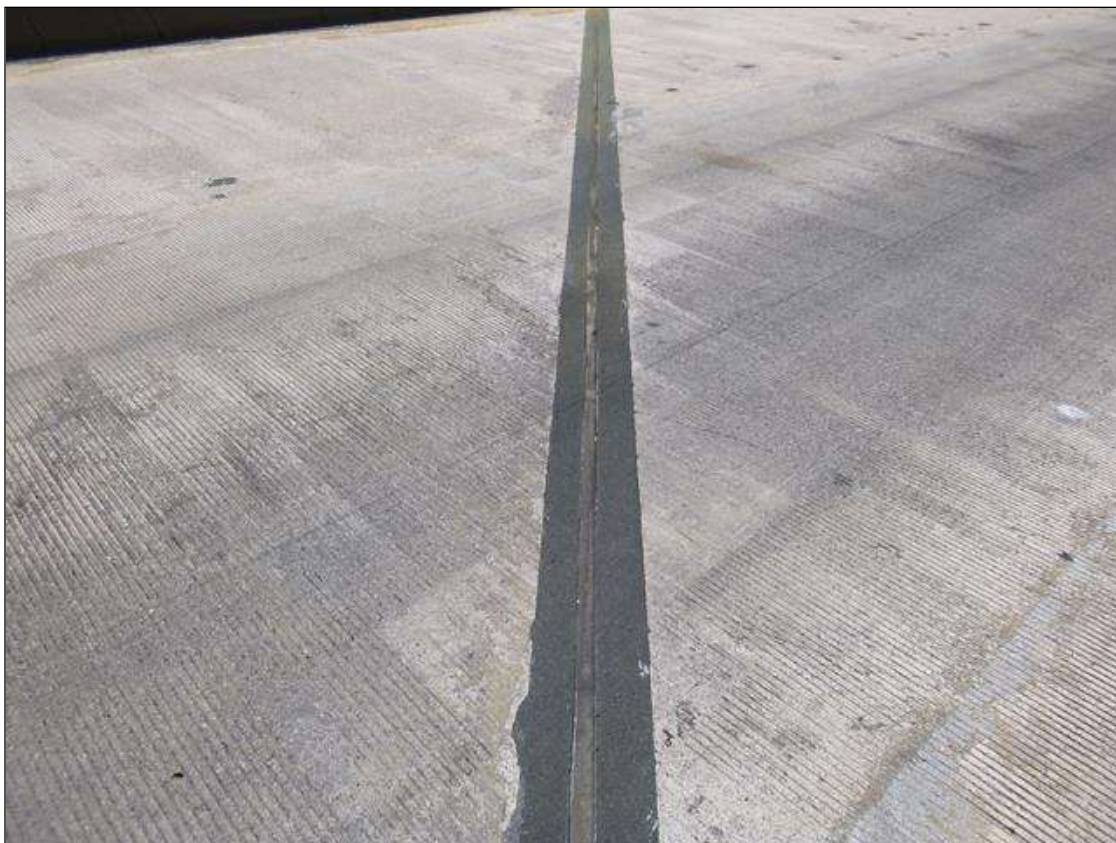
END BENT 1 ASPHALT WEARING SURFACE APPROACH GOOD CONDITION



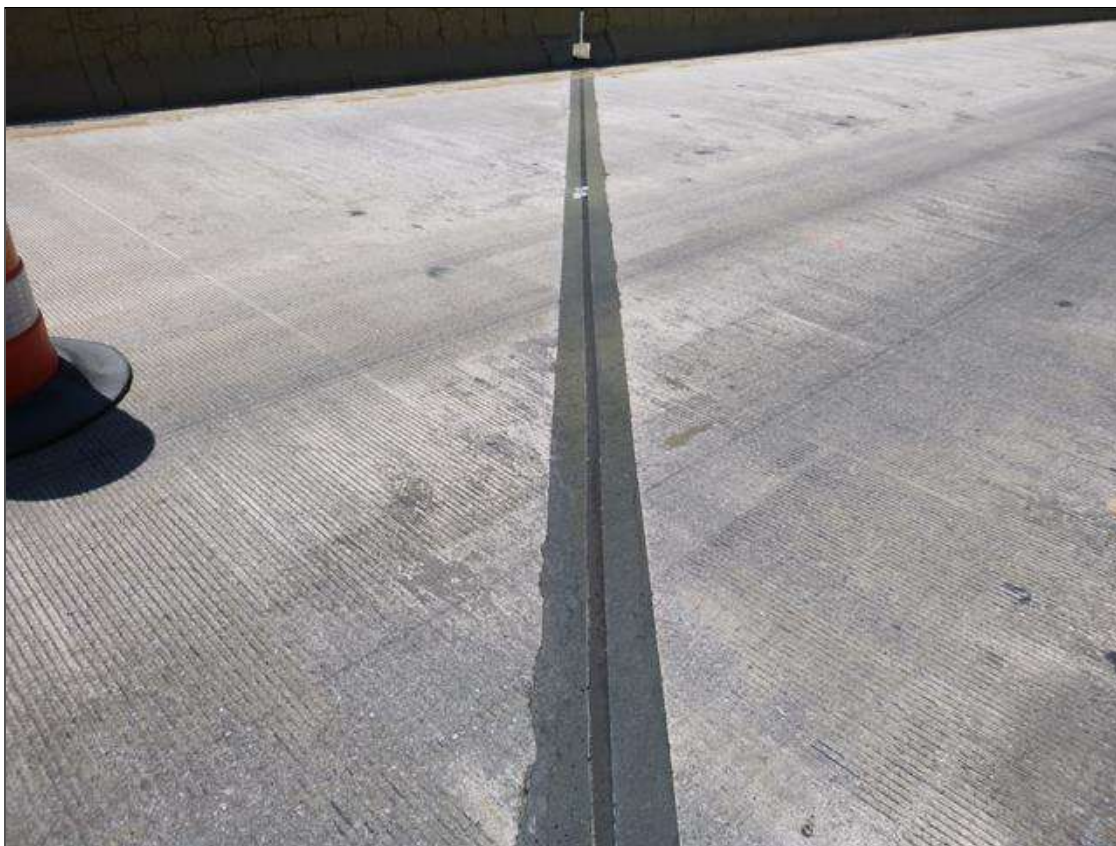
END BENT 1 JOINT



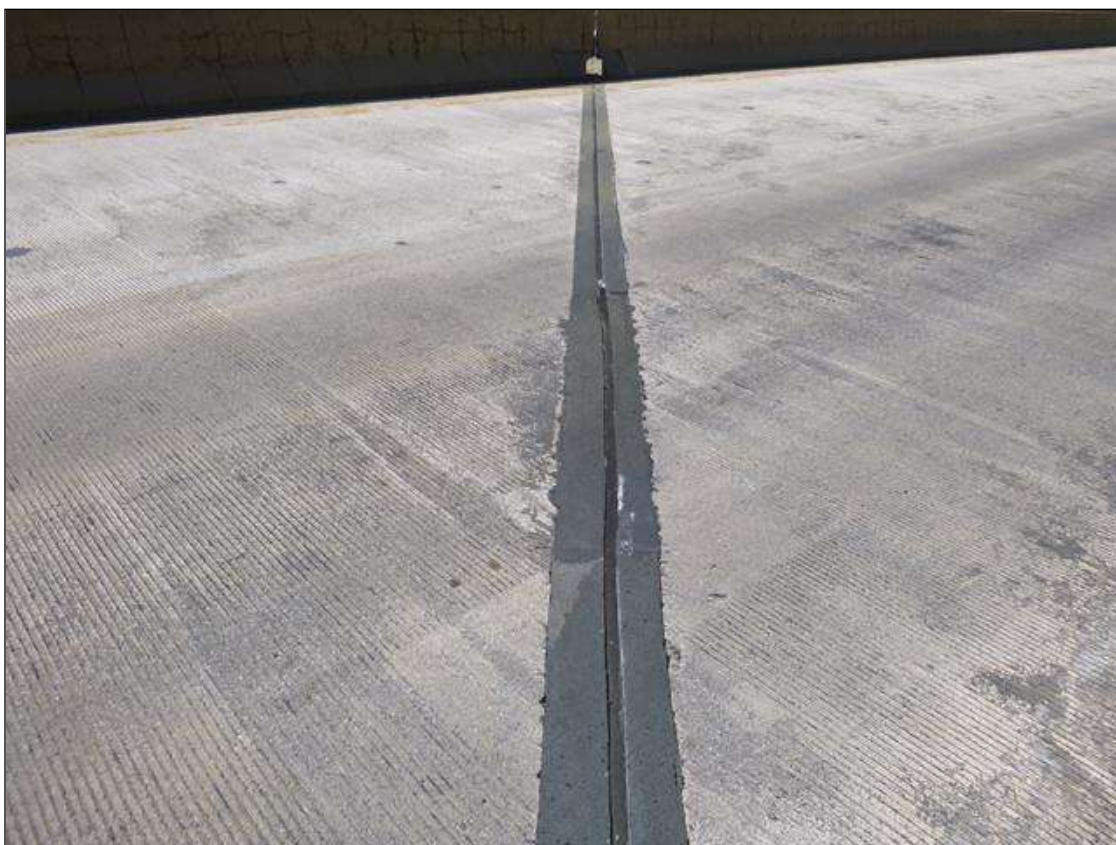
BENT 1 JOINT, WEST BOUND LANES



BENT 2 JOINT, WEST BOUND LANES



BENT 3 JOINT, WEST BOUND LANES



BENT 4 JOINT, WEST BOUND LANES



END BENT 2 JOINT



END BENT 2 ASPHALT WEARING SURFACE APPROACH, GOOD CONDITION



END BENT 2, LEFT WINGWALL



BENT 4, SPAN 5 SIDE



SPAN 5 BEAM 6 FAR BEARING



END BENT 2, RIGHT WINGWALL



EAST APPROACH LOOKING WEST, EAST BOUND LANES



ABUTMENT 1, RIGHT WINGWALL



ABUTMENT 1



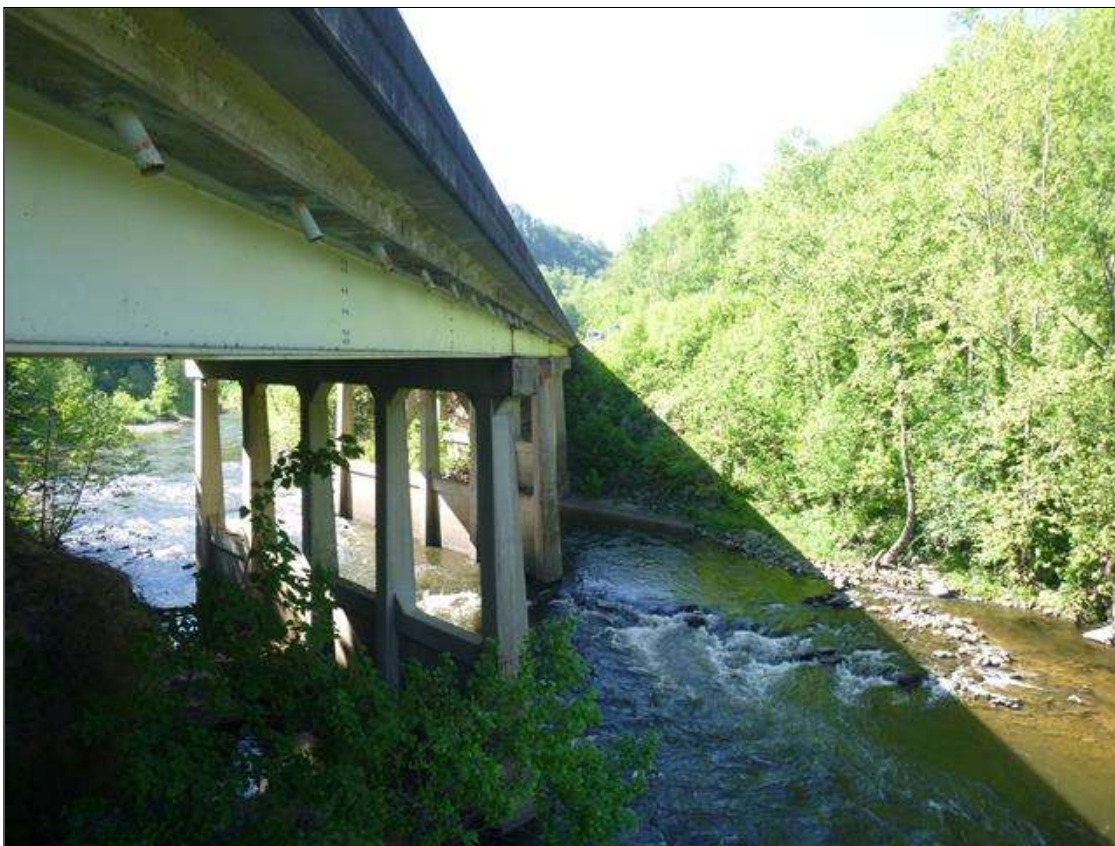
RIGHT SIDE OF SPAN 1



RIGHT SIDE OF SPAN 1 LOOKING EAST



BENT 1, SPAN 1 SIDE



RIGHT SIDE OF BRIDGE LOOKING EAST



BENT 4, RIGHT SIDE SUPERSTRUCTURE



WEST APPROACH LOOKING EAST, EAST BOUND LANES



APPROACH GUARD RAIL END AT THE SOUTHWEST CORNER



APPROACH GUARDRAIL POST SPACING, 75 INCHES AT THE SOUTHWEST CORNER



SIGN AT THE WEST END OF THE BRIDGE



END BENT 1 ASPHALT WEARING SURFACE APPROACH AT EAST BOUND LANES, GOOD CONDITION



END BENT 1 JOINT, EAST BOUND LANES



END BENT 1 RIGHT SIDE APPROACH GUARDRAIL TRANSITION



BENT 1 JOINT, EAST BOUND LANES



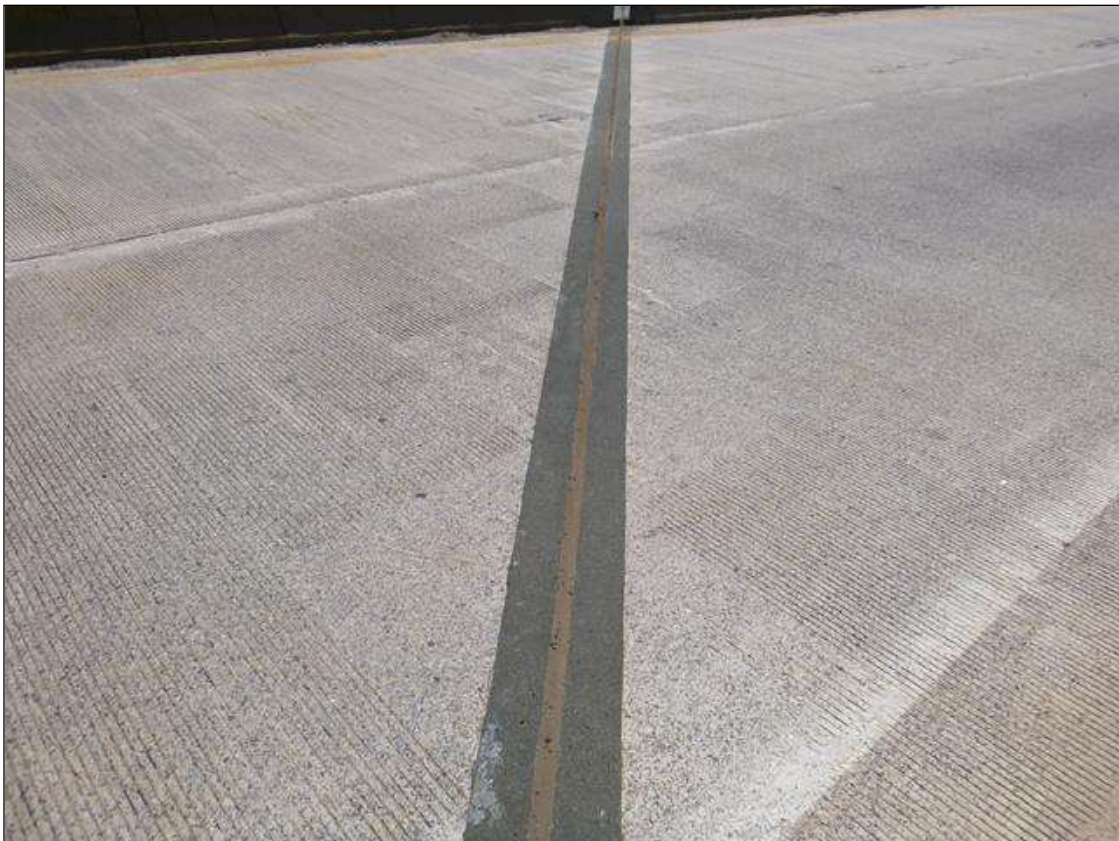
LOOKING DOWNSTREAM FROM TOP OF BRIDGE



BENT 2 JOINT, EAST BOUND LANES



BENT 3 JOINT, EAST BOUND LANES



BENT 4 JOINT, EAST BOUND LANES



END BENT 2 JOINT, EAST BOUND LANES



EAST APPROACH LOOKING WEST, EAST BOUND LANES



BRIDGE RAIL END AT THE RIGHT SIDE OF END BENT 2



APPROACH GUARDRAIL END AT THE NORTHEAST CORNER



APPROACH GUARDRAIL POST SPACING, 75 INCHES AT THE NORTHEAST CORNER



SIGNS AT THE EAST END OF BRIDGE



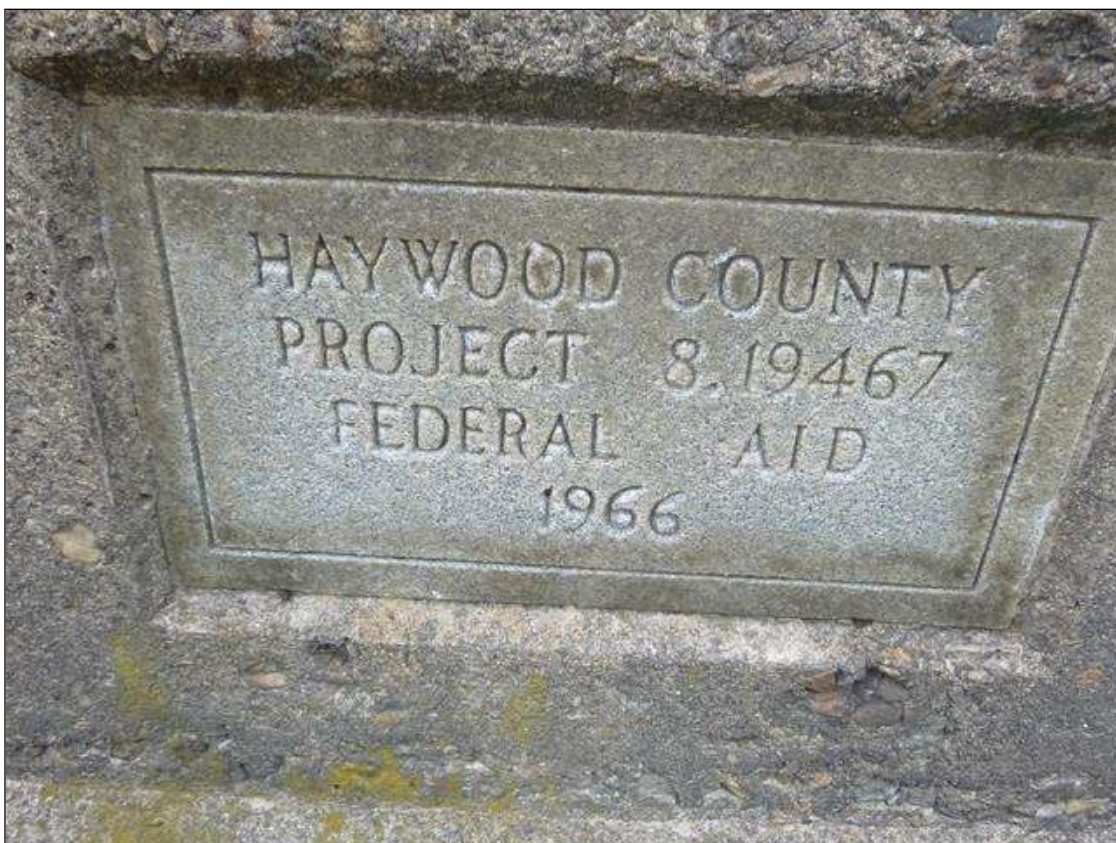
SIGN AT THE LEFT SIDE OF END BENT 2



EAST APPROACH LOOKING WEST, WEST BOUND LANES



APPROACH GUARDRAIL TRANSITION AT THE LEFT SIDE OF END BENT 2



BRIDGE PLAQUE AT THE LEFT SIDE OF END BENT 2



SPAN 5, LEFT BRIDGE RAIL



LOOKING UPSTREAM/ NORTH



END BENT 1, LEFT SIDE, BRIDGE RAIL END



WEST APPROACH LOOKING EAST, WEST BOUND LANES



END BENT 1, LEFT WINGWALL

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

Run Date: 09/14/2017

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	430142		SUFFICIENCY RATING =		42.48	
(8) STRUCTURE NUMBER(FEDERAL)		00000000870142		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		11000400					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2					
(3) COUNTY CODE 87	(4) PLACE CODE	0					
(6) FEATURE INTERSECTED - PIGEON RIVER							
(7) FACILITY CARRIED I-40							
(9) LOCATION 0.1 MI.E.JCT.SR1338							
(11)MILEPOINT		15					
(16)LAT 35° 39' 49.71"	(17)LONG 82° 59' 25.12"						
(98)BORDER BRIDGE STATE CODE	PCT SHARE						
(99)BORDER BRIDGE STRUCTURE NO							
STRUCTURE TYPE AND MATERIAL				CLASSIFICATION			
(43) STRUCTURE TYPE MAIN: Steel				(112)NBIS BRIDGE SYSTEM -		YES	
TYPE - Stringer Mutlibeam or Girder				(104)HIGHWAY SYSTEM	Is on the NHS	1	
	CODE 302			(26) FUNCTIONAL CLASS -	Arterial - Interstate	01	
(44) STRUCTURE TYPE APPR :				(100)STRAHNET HIGHWAY -	Interstate STRAHNET Route	1	
TYPE -	CODE 000			(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(45) NUMBER OF SPANS IN MAIN UNIT	5			(102)DIRECTION OF TRAFFIC -	2-way Traffic	2	
(46) NUMBER OF APPROACH SPANS				(103)TEMPORARY STRUCTURE -			
(107)DECK STRUCTURE TYPE - 1	CODE			(110)DESIGNATED NATIONAL NETWORK -	On the National Network	1	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(20) TOLL	On Free Road	3	
(A) TYPE OF WEARING SURFACE -	CODE			(31) MAINTAIN -	State Highway Agency	01	
(B) TYPE OF MEMBRANE -	CODE			(22) OWNER -	State Highway Agency	01	
(C) TYPE OF DECK PROTECTION -	CODE			(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5	
AGE AND SERVICE				CONDITION			
(27) YEAR BUILT	1966			(58) DECK		5	
(106)YEAR RECONSTRUCTED	2012			(59) SUPERSTRUCTURE		6	
(42) TYPE OF SERVICE : ON - Highway				(60) SUBSTRUCTURE		4	
UNDER - Waterway	CODE 15			(61) CHANNEL & CHANNEL PROTECTION		7	
(28) LANES: ON STRUCTURE 4	UNDER STRUCTURE 0			(62) CULVERTS		N	
(29) AVERAGE DAILY TRAFFIC	22000			LOAD RATING AND POSTING			
(30) YEAR OF ADT 2015	(109) TRUCK ADT PCT 23%			(31) DESIGN LOAD	HS 20 + MOD	6	
(19) BYPASS OR DETOUR LENGTH	3 MI			(63) OPERATING RATING METHOD -	Load Factor	1	
GEOMETRIC DATA				(64) OPERATING RATING -	HS-47	85	
(48) LENGTH OF MAXIMUM SPAN	75 FT			(65) INVENTORY RATING METHOD -	Load Factor	1	
(49) STRUCTURE LENGTH	380 FT			(66) INVENTORY RATING -	HS-28	51	
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT 0 FT				(70) BRIDGE POSTING -	No Posting Required	5	
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	55.833 FT			(41) STRUCTURE OPEN, POSTED ,OR CLOSED		A	
(52) DECK WIDTH OUT TO OUT	63.333 FT			DESCRIPTION -	Open, No Restriction		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	72 FT			APPRAISAL			
(33) BRIDGE MEDIAN - No Median	CODE 0			(67) STRUCTURAL EVALUATION		4	
(34) SKEW 45°	(35) STRUCTURE FLARED 0			(68) DECK GEOMETRY		4	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT			(69) UNDERCLEARANCES,VERTI & HORIZ		N	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	27.91 FT			(71) WATERWAY ADEQUACY		7	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT			(72) APPROACH ROADWAY ALIGNMENT		8	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	0 FT			(36) TRAFFIC SAFETY FEATURES		1111	
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	000 FT			(113)SCOUR CRITICAL BRIDGES		8	
(56) MIN LAT UNDERCLEAR LT REF -	000 FT			PROPOSED IMPROVEMENTS			
NAVIGATION DATA				(75) TYPE OF WORK -		CODE	
(38) NAVIGATION CONTROL - No Navigational Control	CODE 0			(76) LENGTH OF STRUCTURE IMPROVEMENT			
(111)PIER PROTECTION -	CODE			(94) BRIDGE IMPROVEMENT COST			
(39) NAVIGATION VERTICAL CLEARANCE	0			(95) ROADWAY IMPROVEMENT COST			
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT			(96) TOTAL PROJECT COST			
(40) NAVIGATION HORIZONTAL CLEARANCE	0 FT			(97) YEAR OF IMPROVEMENT COST ESTIMATE			
				(114)FUTURE ADT 44000	(115) YEAR FUTURE ADT 2025		
				INSPECTIONS			
				(90) INSPECTION DATE		05/16/2017	
				(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
				A) FRACTURE CRIT DETAIL - NO		A)	
				B) UNDERWATER INSP - YES 48Mo		B)	09/22/2016
				C) OTHER SPECIAL INSP NO		C)	
				SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 09/14/2017

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
HAYWOOD	14	2	430142	380	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
I-40	PIGEON RIVER

LOCATED :	BRIDGE NAME :	CITY :
0.1 MI.E.JCT.SR1338		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
01	FA	NFA	22000 2015	LT 333 RT 333

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1966	SHC	8.19467	BRIMS-040-1(227)	HS 20 + MOD

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
2012	DOH	45438.3.13	TAN	135	ON 4	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		52 FT		7		FT

SUPERSTRUCTURE :	REINFORCED CONCRETE FLOOR ON I-BEAMS
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SUBSTRUCTURE :	ABUT1:REINF.CONC.; E.BT2:RC CAP/H-PILES;INT.BTS:RC POST&BEAM
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SPANS :	5 @ 76'
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BEAMS OR GIRDERS :	8 LINES 36 I-BEAMS @ 8' CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
7.75 RC/NO AWS		63.333 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
55.833 FT	58 FT	LT 0 FT RT 0 FT

VERT.CL.OVER :	
999.9 FT	

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :		
HS-28	HS-47	int bm	SV	TTST	DATE

SYSTEM :	GREEN LINE ROUTE :
Primary Interstate	Y

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 1: SPAN 5, BEAM 1 AT BENT 4 HAS 1/4 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE, FROM FACE OF BEARING OUT 8 INCHES, X 8 INCHES WIDE WITH 3/4 INCH REMAINING	
 3326	Maintain Concrete Deck	SF	2	Span 2 Deck: SPAN 2, BOTTOM OF BAY 4 DECK, NEAR BENT 1 HAS 2 SPALLS, 14 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR	
 3326	Maintain Concrete Deck	SF	1	Span 4 Deck: SPAN 4, BOTTOM OF BAY 6 DECK, AT BENT 4 HAS A SPALL, NEAR BEAM 6, 10 INCHES IN DIAMETER X 2.5 INCHES DEEP WITH EXPOSED REBAR	
 3326	Maintain Concrete Deck	SF	1	Span 5 Deck: SPAN 5 BOTTOM OF BAY 7 DECK HAS A SPALL, NEAR BEAM 8, 12 INCHES X 10 INCHES X 2.5 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	4	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL ON THE TOP EDGE UNDER BEAM 1, 48 INCHES X 9 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Cap 1: BENT 1, BOTTOM OF CAP HAS AN AREA OF SPALLING, 5 FT. LONG X 2.5 FT. WIDE X 3 INCHES DEEP BETWEEN PILES 1 AND 2 WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF LEFT END HAS A SPALL, 36 INCHES X 8 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL, UNDER BEAM 1, 10 INCHES X 30 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	4	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 1 NEAR TOP EDGE HAS A SPALL, 48 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, WITH DELAMINATION 10 INCHES ACROSS THE TOP IN THIS AREA	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE NORTHEAST CORNER UNDER BEAM 1, 2 FT. LONG X 4 INCHES HIGH X 2 INCHES DEEP WITH REBAR EXPOSED, BEARING AREA IS SOUND	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE IN BAY 2 HAS A SPALL, 36 INCHES LONG X 8 INCHES HIGH X 5 INCHES DEEP WITH REBAR EXPOSED, WITH ADJACENT DELAMINATION, NEAR TOP EDGE	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 3 HAS A SPALL IN THE FACE OF THE CAP, 38 INCHES LONG X 16 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED WITH ADJACENT DELAMINATION	
 3348	Maintain Concrete Substructure Components	LF	4	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL IN THE FACE OF THE CAP IN BAY 4, NEAR TOP EDGE, 46 INCHES LONG X 11 INCHES HIGH X 2.5 INCHES DEEP WITH EXPOSED REBAR, WITH ADJACENT DELAMINATION IN THE FACE AND 4 INCHES ACROSS TOP OF CAP	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF RIGHT END HAS A SPALL, 36 INCHES X 10 INCHES X 6 INCHES VERTICALLY WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	6	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, FROM RIGHT END OF CAP OVER 6 FT. LONG X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED, SPALL GOES ACROSS TOP OF CAP AT RIGHT SIDE OF BEAM 8 BEARING AREA 14 INCHES X 2.5 INCHES DEEP, BEARING AREA IS SOUND	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	10	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 7 AND UNDER BEAM 7 HAS A SPALL IN THE FACE OF THE CAP NEAR TOP EDGE WITH REBAR EXPOSED, 10 FT. LONG X 9 INCHES HIGH X 2.5 INCHES DEEP, DELAMINATION GOES ACROSS THE TOP OF THE CAP IN BAY 7, 10 INCHES	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, NEAR TOP EDGE, NEAR BEAM 6, 9 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE EAST FACE NEAR GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES X 12 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR, 2 FT. BELOW THE BOTTOM OF THE CAP	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE NORTHWEST CORNER NEAR GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 3 FT. ABOVE GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHWEST CORNER, 14 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 10 INCHES WIDE X 28 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	1	Bent 2 Cap 1: BENT 2 CAP, LEFT BOTTOM END HAS A SPALL, 14 INCHES X 32 INCHES X 3 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 2 Pile 5: BENT 2, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 16 INCHES WIDE X 40 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR AND ADJACENT DELAMINATION, SPALL STARTS 8 INCHES FROM BOTTOM OF CAP	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 3 Cap 1: BENT 3, BOTTOM OF CAP HAS A SPALL, 24 INCHES X 12 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, BETWEEN PILES 2 AND 3	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 3 Cap 1: BENT 3, BOTTOM OF CAP BETWEEN PILES 1 AND 2 HAS A SPALL, 16 INCHES IN DIAMETER X 2 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	7	Bent 3 Cap 1: BENT 3 BOTTOM OF THE CAP HAS A SPALLED AREA BETWEEN PILES 1 AND 2, 80 INCHES X 16 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, NEAR SPAN 3 SIDE	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL WITH REBAR EXPOSED, 36 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP IN BAY 1, NEAR TOP EDGE, WITH ADJACENT DELAMINATION NEAR BEAM 2	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 3 Cap 1: BENT 3 CAP HAS A SPALL ON THE NORTH EAST CORNER, 10 INCH X 10 INCH X 2 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 5 AT TOP EDGE, 60 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR WITH ADJACENT DELAMINATION NEAR BEAM 6	
 3348	Maintain Concrete Substructure Components	LF	6	Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE FACE AND TOP OF THE CAP IN BAY 5, 6 FT. LONG X 15 INCHES WIDE X 10 INCHES ACROSS THE TOP WITH REBAR EXPOSED	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	5	Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, 5 FT. LONG X 7 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, NEAR BEAM 5, 28 INCHES LONG X 5 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	7	Bent 4 Cap 1: BENT 4 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF SPALLING, 7 FT. LONG X 36 INCHES WIDE X 3 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	4	Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A SPALL ON THE TOP AND FACE OF THE CAP IN BAY 7, 48 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 30 INCHES LONG X 30 INCHES WIDE X 1.5 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	6	Bent 4 Pile 2: BENT 4, PILE 2 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 6 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 4 FT. FROM GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	12	Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 1 FT. WIDE X 12 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 3 FT. ABOVE GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	10	Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 1 FT. WIDE X 10 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 4 FT. ABOVE GROUND LINE	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES WIDE X 5 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTS AT GROUND LINE	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

Date: 05/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3350	Maint R C Wings and Walls	SF	4	End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT UNDER BEAM 8 HAS A SPALL, 48 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP UNDER BEAM 8 BEARING AREA, WITH EXPOSED REBAR, CONCRETE AT BRIDGE SEAT ADJACENT TO BEARING IS DELAMINATED	
 3350	Maint R C Wings and Walls	SF	3	End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT UNDER BEAM 6 HAS A SPALL, 36 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, WITH AN AREA OF 4 INCHES X 5 INCHES X 4 INCHES VERTICALLY OF LOST BEARING DUE TO SPALL	
 3350	Maint R C Wings and Walls	SF	2	End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 5, 24 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP, WITH AN AREA 6 INCHES X 2.5 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION	
 3350	Maint R C Wings and Walls	SF	4	End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 1, 48 INCHES LONG X 14 INCHES HIGH X 5 INCHES DEEP, WITH AN AREA 6 INCHES X 8 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/15/2017	GLEN KIKER	
Details		
Span 5 Beam 1: SPAN 5, BEAM 1 AT BENT 4 HAS 1/4 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM FLANGE, FROM FACE OF BEARING OUT 8 INCHES, X 8 INCHES WIDE WITH 3/4 INCH REMAINING		

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Span 2 Deck: SPAN 2, BOTTOM OF BAY 4 DECK, NEAR BENT 1 HAS 2 SPALLS, 14 INCHES X 10 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142 County HAYWOOD

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

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Span 4 Deck: SPAN 4, BOTTOM OF BAY 6 DECK, AT BENT 4 HAS A SPALL, NEAR BEAM 6, 10 INCHES IN DIAMETER X 2.5 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	1 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Span 5 Deck: SPAN 5 BOTTOM OF BAY 7 DECK HAS A SPALL, NEAR BEAM 8, 12 INCHES X 10 INCHES X 2.5 INCHES DEEP WITH EXPOSED REBAR		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL ON THE TOP EDGE UNDER BEAM 1, 48 INCHES X 9 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1, BOTTOM OF CAP HAS AN AREA OF SPALLING, 5 FT. LONG X 2.5 FT. WIDE X 3 INCHES DEEP BETWEEN PILES 1 AND 2 WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF LEFT END HAS A SPALL, 36 INCHES X 8 INCHES X 4 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL, UNDER BEAM 1, 10 INCHES X 30 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 1 NEAR TOP EDGE HAS A SPALL, 48 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, WITH DELAMINATION 10 INCHES ACROSS THE TOP IN THIS AREA		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE NORTHEAST CORNER UNDER BEAM 1, 2 FT. LONG X 4 INCHES HIGH X 2 INCHES DEEP WITH REBAR EXPOSED, BEARING AREA IS SOUND		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE IN BAY 2 HAS A SPALL, 36 INCHES LONG X 8 INCHES HIGH X 5 INCHES DEEP WITH REBAR EXPOSED, WITH ADJACENT DELAMINATION, NEAR TOP EDGE		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE UNDER BEAM 3 HAS A SPALL IN THE FACE OF THE CAP, 38 INCHES LONG X 16 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED WITH ADJACENT DELAMINATION		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS A SPALL IN THE FACE OF THE CAP IN BAY 4, NEAR TOP EDGE, 46 INCHES LONG X 11 INCHES HIGH X 2.5 INCHES DEEP WITH EXPOSED REBAR, WITH ADJACENT DELAMINATION IN THE FACE AND 4 INCHES ACROSS TOP OF CAP		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, BOTTOM OF RIGHT END HAS A SPALL, 36 INCHES X 10 INCHES X 6 INCHES VERTICALLY WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, FROM RIGHT END OF CAP OVER 6 FT. LONG X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED, SPALL GOES ACROSS TOP OF CAP AT RIGHT SIDE OF BEAM 8 BEARING AREA 14 INCHES X 2.5 INCHES DEEP, BEARING AREA IS SOUND		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	10 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE IN BAY 7 AND UNDER BEAM 7 HAS A SPALL IN THE FACE OF THE CAP NEAR TOP EDGE WITH REBAR EXPOSED, 10 FT. LONG X 9 INCHES HIGH X 2.5 INCHES DEEP, DELAMINATION GOES ACROSS THE TOP OF THE CAP IN BAY 7, 10 INCHES		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP, NEAR TOP EDGE, NEAR BEAM 6, 9 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE EAST FACE NEAR GROUND LINE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES X 12 INCHES X 2 INCHES DEEP WITH EXPOSED REBAR, 2 FT. BELOW THE BOTTOM OF THE CAP		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 1: BENT 1, PILE 1 HAS A 12 INCH WIDE X 24 INCH HIGH X 2 INCH DEEP SPALL WITH REBAR EXPOSED ON THE NORTHWEST CORNER NEAR GROUND LINE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 3 FT. ABOVE GROUND LINE		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHWEST CORNER, 14 INCHES WIDE X 60 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 1 Pile 5: BENT 1, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 10 INCHES WIDE X 28 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING AT GROUND LINE		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 2 Cap 1: BENT 2 CAP, LEFT BOTTOM END HAS A SPALL, 14 INCHES X 32 INCHES X 3 INCHES DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 2 Pile 5: BENT 2, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 16 INCHES WIDE X 40 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR AND ADJACENT DELAMINATION, SPALL STARTS 8 INCHES FROM BOTTOM OF CAP		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3, BOTTOM OF CAP HAS A SPALL, 24 INCHES X 12 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, BETWEEN PILES 2 AND 3		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3, BOTTOM OF CAP BETWEEN PILES 1 AND 2 HAS A SPALL, 16 INCHES IN DIAMETER X 2 INCHES DEEP WITH REBAR EXPOSED		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 BOTTOM OF THE CAP HAS A SPALLED AREA BETWEEN PILES 1 AND 2, 80 INCHES X 16 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR, NEAR SPAN 3 SIDE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL WITH REBAR EXPOSED, 36 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP IN BAY 1, NEAR TOP EDGE, WITH ADJACENT DELAMINATION NEAR BEAM 2		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP HAS A SPALL ON THE NORTH EAST CORNER, 10 INCH X 10 INCH X 2 INCHES DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 5 AT TOP EDGE, 60 INCHES X 14 INCHES X 3 INCHES DEEP WITH EXPOSED REBAR WITH ADJACENT DELAMINATION NEAR BEAM 6		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE FACE AND TOP OF THE CAP IN BAY 5, 6 FT. LONG X 15 INCHES WIDE X 10 INCHES ACROSS THE TOP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, 5 FT. LONG X 7 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 3 Cap 1: BENT 3 CAP, SPAN 4 SIDE HAS A SPALL ON THE BOTTOM EDGE OF THE CAP IN BAY 5, NEAR BEAM 5, 28 INCHES LONG X 5 INCHES WIDE X 3 INCHES DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Cap 1: BENT 4 BOTTOM OF CAP BETWEEN PILES 3 AND 4 HAS AN AREA OF SPALLING, 7 FT. LONG X 36 INCHES WIDE X 3 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Cap 1: BENT 4 CAP, SPAN 4 SIDE HAS A SPALL ON THE TOP AND FACE OF THE CAP IN BAY 7, 48 INCHES LONG X 12 INCHES HIGH X 3 INCHES DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Cap 1: BENT 4 CAP, SPAN 5 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 30 INCHES LONG X 30 INCHES WIDE X 1.5 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Pile 2: BENT 4, PILE 2 HAS A SPALL ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 6 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTING 4 FT. FROM GROUND LINE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	12 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHWEST CORNER, 1 FT. WIDE X 12 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 3 FT. ABOVE GROUND LINE		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	10 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE SOUTHEAST CORNER, 1 FT. WIDE X 10 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTS 4 FT. ABOVE GROUND LINE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
Bent 4 Pile 5: BENT 4, PILE 5 HAS A SPALL ON THE NORTHEAST CORNER, 8 INCHES WIDE X 5 FT. HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, STARTS AT GROUND LINE		

MMS Code	MMS Description	Quantity
3350	Maint R C Wings and Walls	4 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT UNDER BEAM 8 HAS A SPALL, 48 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP UNDER BEAM 8 BEARING AREA, WITH EXPOSED REBAR, CONCRETE AT BRIDGE SEAT ADJACENT TO BEARING IS DELAMINATED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3350	Maint R C Wings and Walls	3 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT UNDER BEAM 6 HAS A SPALL, 36 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, WITH AN AREA OF 4 INCHES X 5 INCHES X 4 INCHES VERTICALLY OF LOST BEARING DUE TO SPALL		

MMS Code	MMS Description	Quantity
3350	Maint R C Wings and Walls	2 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 5, 24 INCHES LONG X 12 INCHES HIGH X 4 INCHES DEEP, WITH AN AREA 6 INCHES X 2.5 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430142 County HAYWOOD

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

MMS Code	MMS Description	Quantity
3350	Maint R C Wings and Walls	4 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/16/2017	GLEN KIKER	
Details		
End Bent 1 Abutment/Back wall : END BENT 1 ABUTMENT HAS A SPALL UNDER BEAM 1, 48 INCHES LONG X 14 INCHES HIGH X 5 INCHES DEEP, WITH AN AREA 6 INCHES X 8 INCHES OF LOST BEARING DUE TO SPALL, WITH ADJACENT DELAMINATION		

Structure Data Worksheet

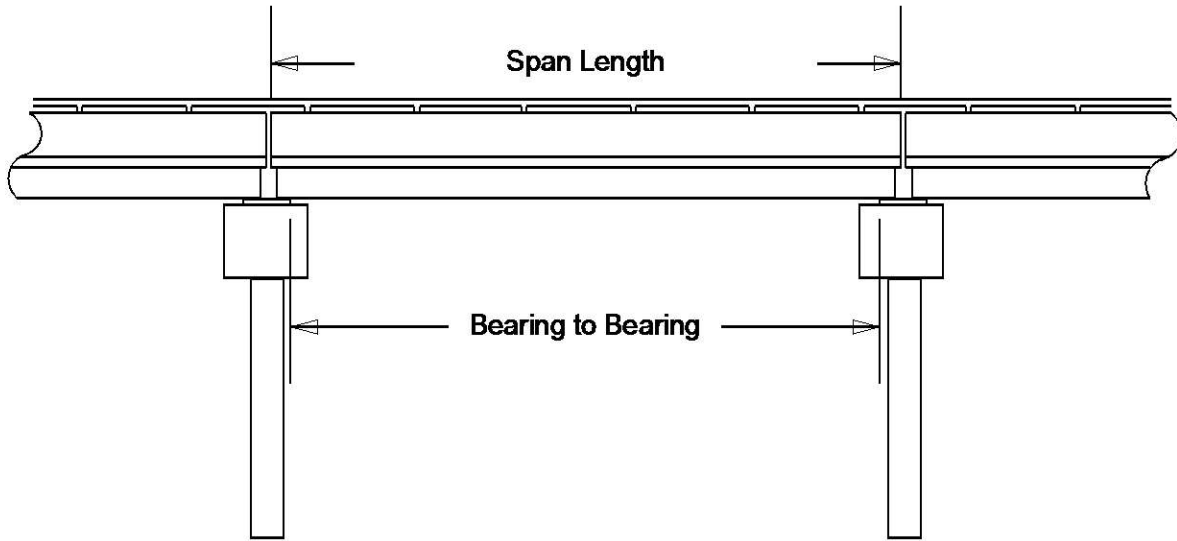
Spans

County: HAYWOOD

Structure No: 430142

Date: 05/16/2017

Inspected By: RGK



Span No	Span Length	Bearing to Bearing	Comments
1	76'- 0"	73' 0"	NBIS BRIDGE LENGTH = 373'
2	76'- 0"	74' 9"	
3	76'- 0"	74' 9"	
4	76'- 0"	74' 9"	
5	76'- 0"	73' 0"	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 430142 County: HAYWOOD Date: 05/16/2017 By: RGK

Record sounding from top of rail. Other location if needed: TOP OF RAILS

Distance from Highwater Mark to top of rail: _____ Location of Highwater Mark: _____

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.6	TOP OF ABUTMENT			
1	2.6	TOP OF ABUTMENT			
1.1	29.9	GL AT ABUTMENT	1.1	12.2	GL AT ABUTMENT
38	41.8	GL			
76	45.8	BENT 1	76	14.9	BENT 1
134	52	WSWE			
152	54.1	BENT 2	152	53	BENT 2
168	53	BED			
228	51.5	BENT 3	228	49.8	BENT 3
288	46.8	WSWE			
304	44.8	BENT 4	304	37	BENT 4
330	26.3	GL			
377	7.8	GL AT CAP	377	7.2	GL AT CAP
377.1	6.5	Top of Cap			
378.6	6.5	Top of Cap			
378.7	2.6	TOP OF WINGWALL			
379.7	2.6	TOP OF WINGWALL			

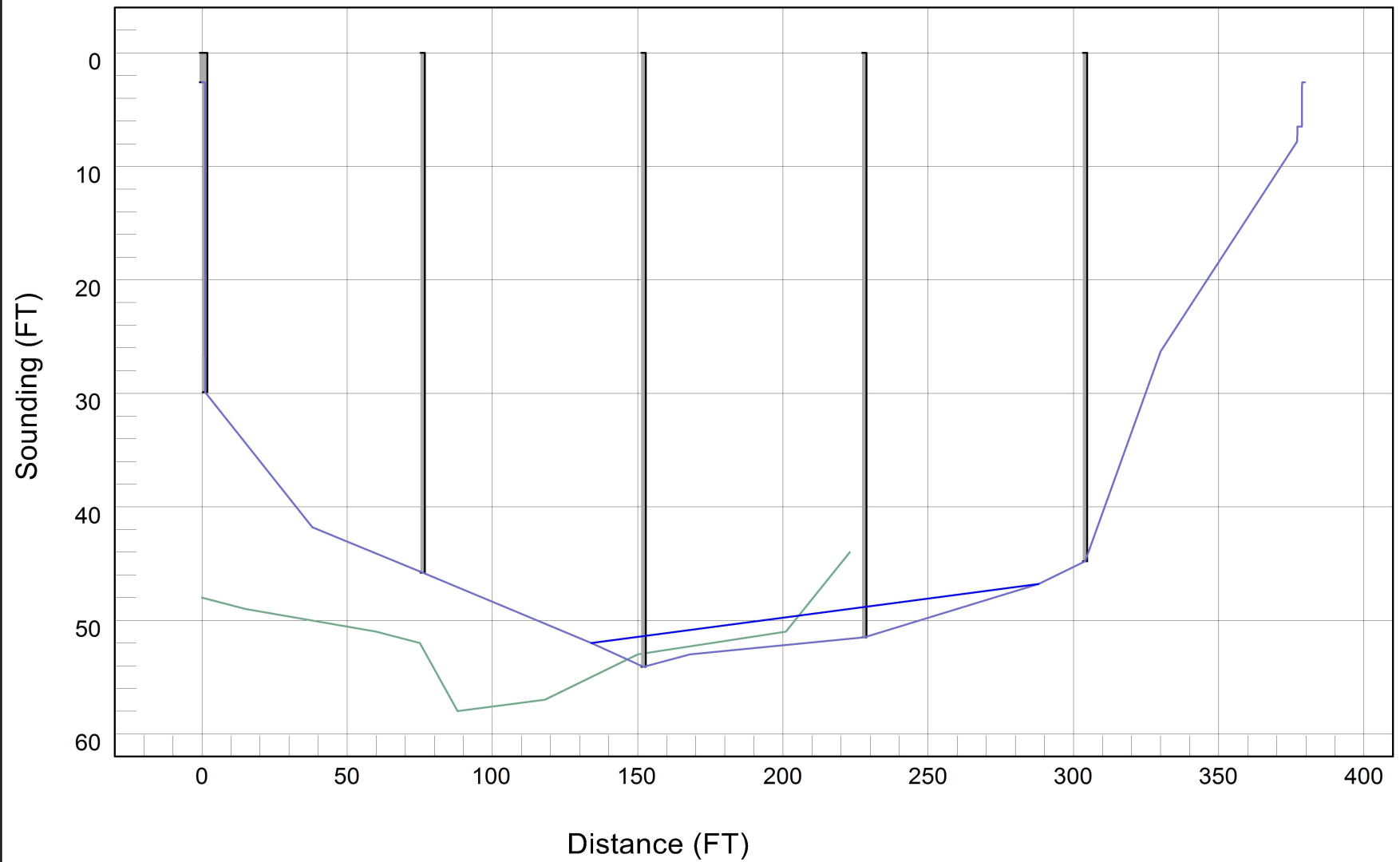
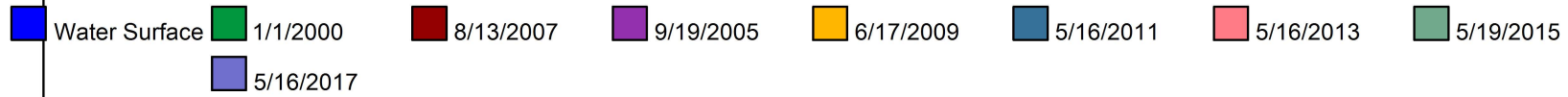
Bridge: 430142

County HAYWOOD

Date: 05/16/2017

STREAMBED PROFILE (Downstream)

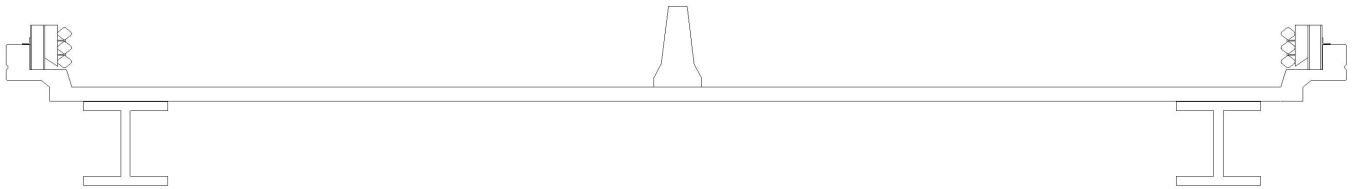
Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

Deck Width/Out to Out	63.333ft	Between Rails			58.0ft
Clear Roadway	55.833ft	Wearing Surface			0.0ft
Median Width	2.0ft	Median Height			2.583ft
Curb Height		Left	0.812ft	Right	0.812ft
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left	27.917ft	Right	27.917ft
Guardrail Width		Left		Right	
Top of Rail to Deck/Wearing Surface		Left	2.583ft	Right	2.583ft
Bridge Rail		Left	Type 9*	Right	Type 9*

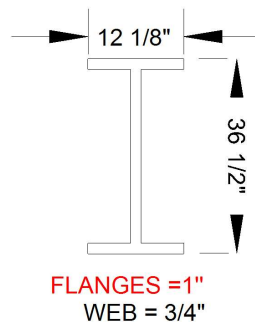
*Bridge railing not identified. Originally a type 9 railing with a tubular thrie retrofit



Measurements for Span #	1		
Deck Thickness	0.646	Left Overhang	3.667
Top of Rail to Bottom of Beam	6.313	Right Overhang	3.667

Beam Number	Beam Type	Spacing
1 thru 8	Steel I Beam	8'- 0"

BEAMS (NON-TAPERED FLANGES)

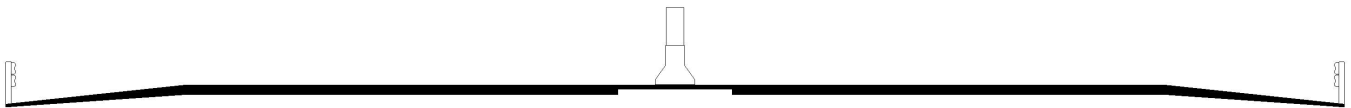


REVISED 5-16-17 RGK

5/19/15 - J.C.HUNTSINGER

Title		Description	
Typical Section		Data Worksheet	
Bridge No: 430142	Drawn By: Roy W. Shook	Date: 08/13/2007	File Name: S0106000368

Bridge Inspection Field Sketch

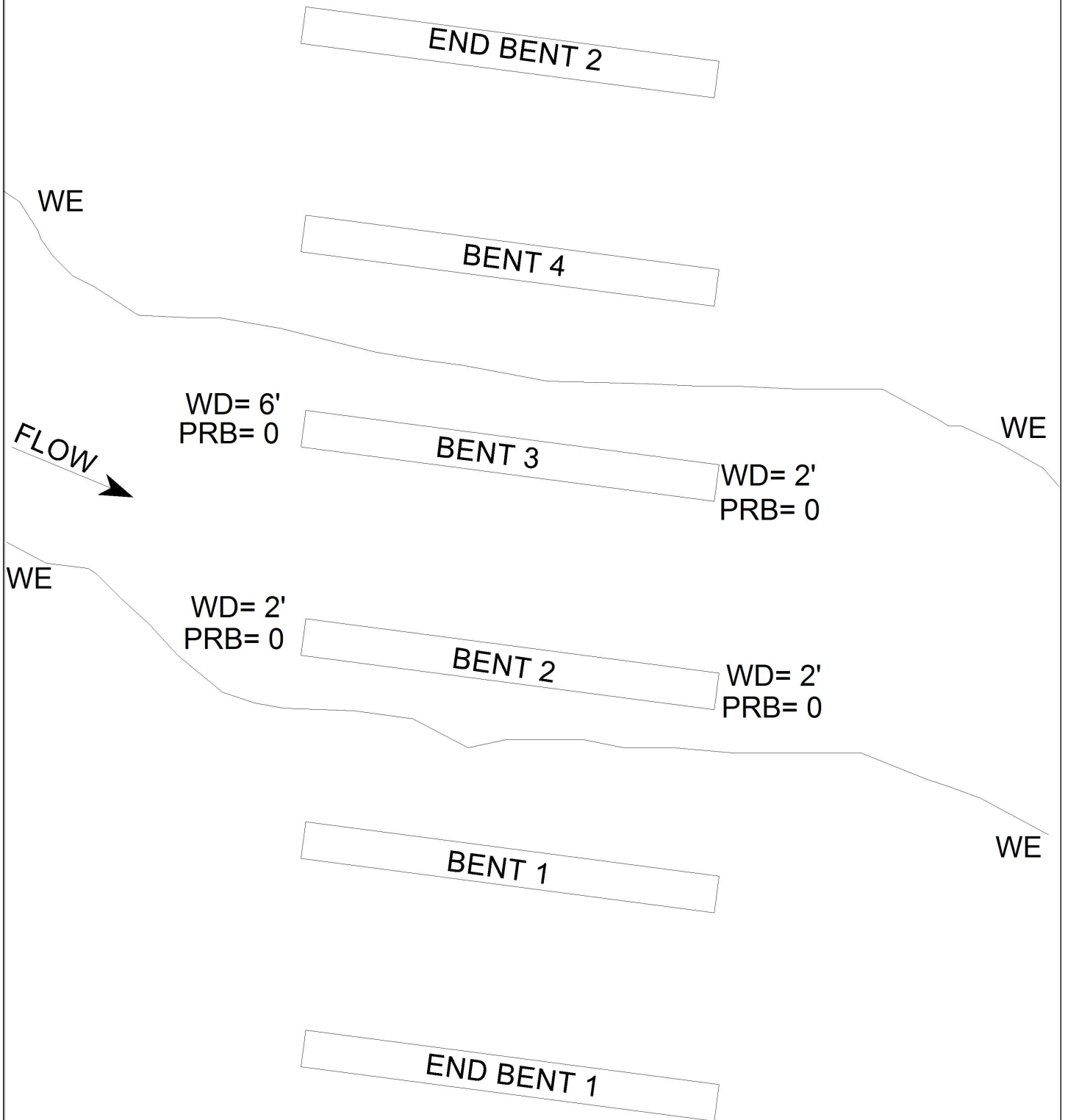


Left Lanes			
Roadway	24ft Wide	2 Paved Lanes	West Bound
Right Shoulder	10.1ft Wide	10ft Paved	0.1ft Unpaved
Left Shoulder	2ft Wide	2ft Paved	
Right Guardrail	10ft from road		
Left Guardrail	2ft from road		
Median	2.333ft Wide	5.167ft High	
Right Lanes			
Roadway	24ft Wide	2 Paved Lanes	East Bound
Left Shoulder	2ft Wide	2ft Paved	
Right Shoulder	10.1ft Wide	10ft Paved	0.1ft Unpaved
Left Guardrail	2ft from road		
Right Guardrail	10ft from road		

VERIFIED 5-16-17 RGK
5/19/15 - J.C.HUNTSINGER

Title		Description	
Approach Roadway		Data Worksheet	
Bridge No:	430142	Drawn By: Roy W. Shook	Date: 08/13/2007
		File Name:	S0106000367

Bridge Inspection Field Sketch



Title
PLAN VIEW

Description
PLAN VIEW

Bridge No: 430142

Drawn By: JOHN HOUSTON

Date: 09/22/2016

File Name: S0150000646

Bridge Inspection Field Sketch

[illegible]

Title
VERTICAL FOOTING EXPOSURES

Description
FOOTING EXPOSURES

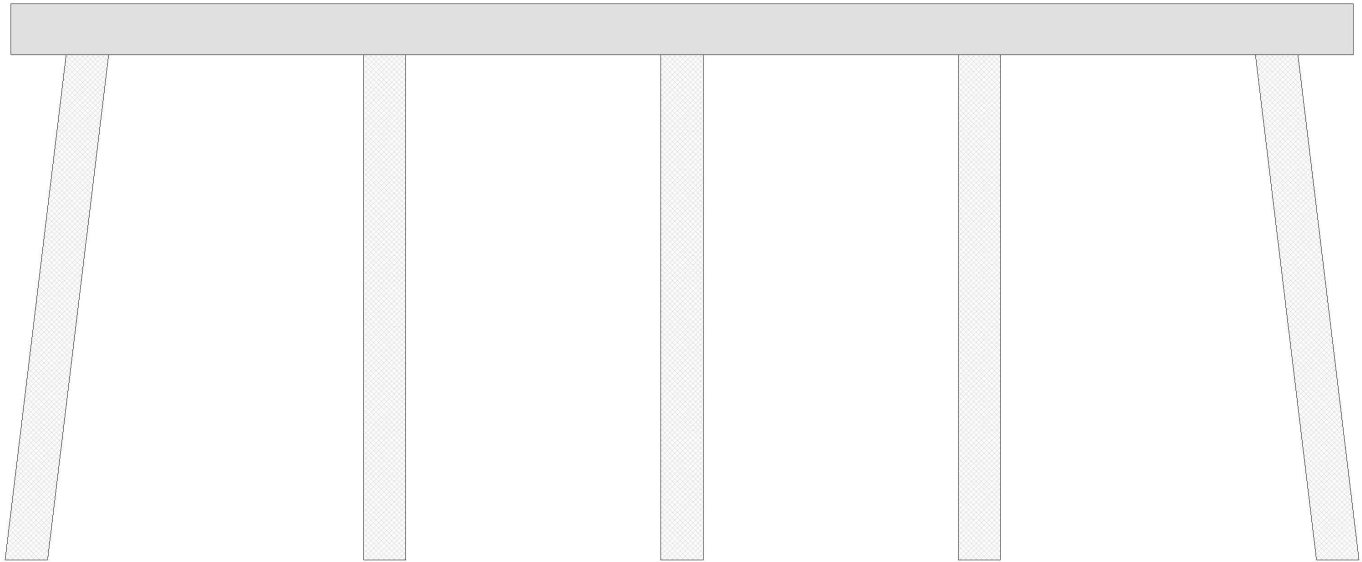
Bridge No: 430142

Drawn By: JOHN HOUSTON

Date: 09/22/2016

File Name: S0150000647

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
79.000 ft.	3.000 ft.	3.000 ft.	4.500 ft.	4.500 ft.	2.000 ft.	2.000 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	17.500 ft.	2.500 ft.	2.500 ft.		Battered	No	No	No	No
2	Concrete	17.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
3	Concrete	17.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
4	Concrete	17.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
5	Concrete		2.500 ft.	2.500 ft.		Battered	No	No	No	No
VERIFIED 5-16-17 RGK										

Bent/Abutment #: 1 Similar Bents: 2,3,4

Title 5/19/15 - J.C.HUNTSINGER

INTERIOR BENTS

Description

SUBSTRUCTURE DETAILS

Bridge No: 430142

Drawn By: DELVIN ADAMS

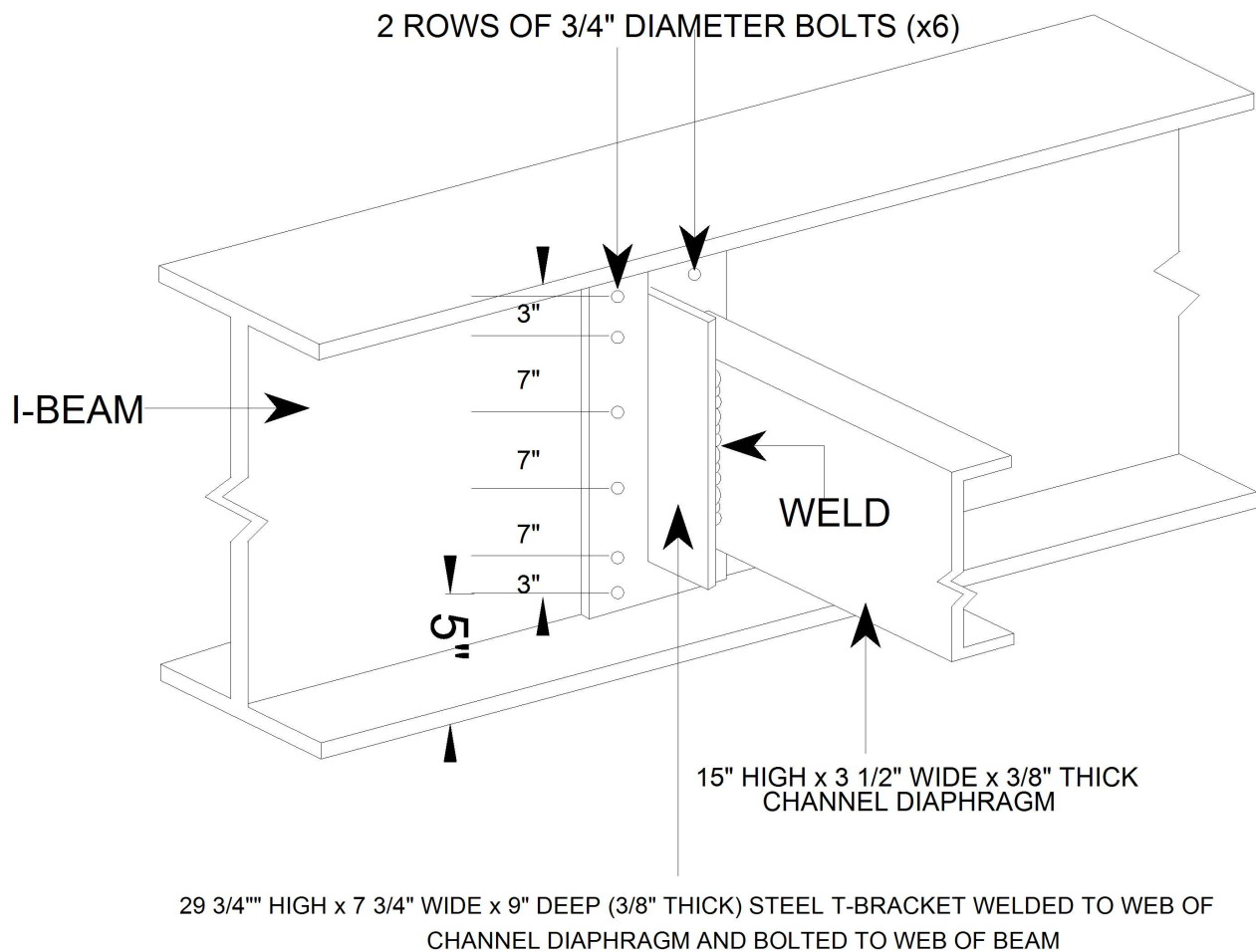
Date: 5/16/2013

File Name: S0102001454

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

LOCATIONS : 1/4 POINTS OF SPANS



VERIFIED 5-16-17 RGK

5/19/15 - J.C.HUNTSINGER

Title		Description	
INTERMEDIATE DIAPHRAGMS		DIAPHRAGM DETAILS	
Bridge No:	430142	Drawn By:	DELVIN ADAMS
Date:	5/16/2013	File Name:	S0102001455