



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: **PRIORITY MAINTENANCES ISSUED, REVISED
VERTICAL CLEARANCES, REVISED
SUPERSTRUCTURE SKETCH - BEAM DIMENSIONS**

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: HAYWOOD STRUCTURE NUMBER: 430159 FREQUENCY: 24 MONTHS
FACILITY CARRIED: I-40 MILE POST: 18.7
LOCATION: 1.8 MI.W.JCT.US276
FEATURE INTERSECTED: SR1338
LATITUDE: 35° 37' 31.64" LONGITUDE: 83° 0' 31.41"
SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BTS:RC CAPS/H-PILES;INT.BTS:RC POST&BEAM

SPANS: 1 @ 37'-10.9375"; 1 @ 59'-8.4375"; 1 @ 74'-4.5"
1 @ 37'-10.9375;1 @ 59'-8.4375;1 @ 74'-4.5

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

PRESENT CONDITION: Fair INSPECTION DATE: 05/08/2017

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 MARK WADE	SIGNATURE <i>MS Wade</i>	ASSISTED BY GLEN KIKER
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Structure Element Scoring

Structure Number: 430159

Inspection Date 5/8/2017

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	13130	12762	356	12	0
107	0	Steel Open Girder/Beam	Beam	1700	313	1350	37	0
515	107	Steel Protective Coating	Beam	16440	11911	25	4385	119
205	0	Reinforced Concrete Column	Piles and Columns	12	7	2	3	0
215	0	Reinforced Concrete Abutment	Abutments	188	185	2	1	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	14	14	0	0	0
225	0	Steel Pile	Piles and Columns	16	16	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	418	220	7	191	0
301	0	Pourable Joint Seal	Expansion Joints	392	392	0	0	0
311	0	Movable Bearing	Bearing Device	30	0	13	17	0
515	311	Steel Protective Coating	Bearing Device	60	2	12	14	32
313	0	Fixed Bearing	Bearing Device	30	0	9	21	0
515	313	Steel Protective Coating	Bearing Device	60	3	16	2	39
321	0	Reinforced Concrete Approach Slabs	Approaches	0	0	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	346	346	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	173	0	0	173	0
510	0	Wearing Surface	Wearing Surfaces	12041	12041	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 430159

Inspection Date: 05/08/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	224 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	7 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	6 Square Feet
3314	Steel Open Girder/Beam	Corrosion	37 Feet
3348	Reinforced Concrete Column	Exposed Rebar	14 Each
3348	Reinforced Concrete Column	Delamination/Spall	26 Each
3348	Reinforced Concrete Column	Patched Area	5 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	52 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	18 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	130 Feet
3334	Movable Bearing	Corrosion	17 Each
3334	Fixed Bearing	Corrosion	21 Each
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	173 Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	25 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	4619 Square Feet

Element Structure Maintenance Quantities

Structure Number: 430159

Inspection Date 05/08/2017

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	3	188	0	1	2	185
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	0	0	0	0	0
Beam	3314	Maintenance Steel Superstructure Components	37	1700	0	37	1350	313
Beam	3342	Clean and Paint Steel	4529	16440	119	4385	25	11911
Bearing Device	3334	Bridge Bearing	38	60	0	38	22	0
Bearing Device	3342	Clean and Paint Steel	115	120	71	16	28	5
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	173	173	0	173	0	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	0	346	0	0	0	346
Caps	3348	Maintenance of Concrete Substructure	200	418	0	191	7	220
Deck	3326	Maintenance of Concrete Deck	237	13130	0	12	356	12762
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	392	0	0	0	392
Footing	3348	Maintenance of Concrete Substructure	0	14	0	0	0	14
Piles and Columns	3348	Maintenance of Concrete Substructure	45	12	0	3	2	7
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	16	0	0	0	16
Wearing Surfaces	2816	Asphalt Surface Repair	0	12041	0	0	0	12041

Element Condition and Maintenance Data

Structure Number: 430159

Inspection Date: 05/08/2017

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,894	2,862	24	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	SPAN 1, BOTTOM OF DECK IN BAY 4, NEAR END BENT 1 HAS AN AREA OF DELAMINATION, 24 INCHES X 40 INCHES WITH 1/8 INCH SEPARATION WITH RUST STAINS AND EFFLO.	3	6	6	Square Feet
12	Delamination/Spall	SPAN 1, BOTTOM OF LEFT OVERHANG AT BENT 1 HAS AN AREA OF DELAMINATION 12 INCHES IN DIAMETER WITH 1/2 INCH SEPARATION WITH RUST STAINS	3	1	1	Square Feet
12	Exposed Rebar	SPAN 1, BOTTOM OF DECK, BAY 4 AT END BENT 1 HAS A SPALL, 9 INCHES X 7 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	3	1	1	Square Feet
12	Cracking (RC and Other)	SPAN 1, BOTTOM OF THE DECK, BAY 5 HAS HAIRLINE TRANSVERSE CRACKS WITH EFFLO. X 42 INCHES LONG, FOR A TOTAL OF 24 SQ. FT. IN BAY 5	2	24	24	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	37	4	30	3	0	Feet
515	Steel Protective Coating	343	275	0	60	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Span 1 Beam 1: SPAN 1 BEAM 1 AT END BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGES FROM THE BEAM END OUT 3 FT. X FULL WIDTH WITH 9/16 INCH REMAINING AND 1/16 INCH SECTION LOSS IN THE LOWER WEB FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 9/16 INCH REMAINING	3	3	3	Feet
107	Corrosion	SPAN 1, BEAM 1 HAS 30 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	30		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	60	60	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	37	12	25	0	0	Feet
515	Steel Protective Coating	343	273	0	70	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 2 HAS 25 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	70	70	Square Feet

General Comments

Span 1

Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	7	28	2	0	Feet
515	Steel Protective Coating	343	262	0	75	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Span 1 Beam 3: SPAN 1, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 1/2 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 15/32 INCH REMAINING	3	2	2	Feet
107	Corrosion	SPAN 1, BEAM 3 HAS 28 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	28		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	6	6	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	75	75	Square Feet

General Comments

Span 1

Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	10	25	2	0	Feet
515	Steel Protective Coating	343	265	0	70	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Span 1 Beam 4: SPAN 1, BEAM 4 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 1/2 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE END OF THE BEAM OUT 2 FT. X 4 INCHES HIGH WITH 15/32 INCH REMAINING	3	2	2	Feet
107	Corrosion	SPAN 1, BEAM 4 HAS 25 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	70	70	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	37	12	25	0	0	Feet
515	Steel Protective Coating	343	263	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 5 HAS 25 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	25		Feet

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	80	80	Square Feet
General Comments						

Span 1

Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	12	24	1	0	Feet
515	Steel Protective Coating	343	268	0	70	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Span 1 Beam 6: SPAN 1, BEAM 6 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 1 FT. WITH 17/32 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE END OF THE BEAM OUT 10 INCHES X FULL HEIGHT WITH 15/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 1, BEAM 6 HAS 24 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	24		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	70	70	Square Feet
General Comments						

Span 1

Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	8	28	1	0	Feet
515	Steel Protective Coating	343	259	0	80	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 7 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 15/32 INCH REMAINING. THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 15/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 1, BEAM 7 HAS 28 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	28		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	80	80	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	37	35	0	2	0	Feet
515	Steel Protective Coating	343	232	25	80	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 8 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 7/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 6 INCHES HIGH WITH 7/16 INCH REMAINING	3	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	6	6	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	80	80	Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	SPAN 1, BEAM 8 HAS 25 SQ. FT. OF PAINT PEELING FROM THE RIGHT WEB NEAR END BENT 1	2	25	25	Square Feet
General Comments						

Span 1

Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	10	27	0	0	Feet
515	Steel Protective Coating	343	263	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 9 HAS 27 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	27		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	80	80	Square Feet
General Comments						

Span 1

Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	37	0	37	0	0	Feet
515	Steel Protective Coating	343	213	0	130	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 1, BEAM 10 HAS 37 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	37		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	130	130	Square Feet
General Comments						

Span 1	Wearing Surface
Asphalt Wearing Surface	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,654	2,654	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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	38	0	0	38	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	SPAN 1 MEDIAN RAIL HAS 38 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL	3	38	38	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 1, BEAM 1 NEAR BEARING HAS 1/16 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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 1 FAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED 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	0	2	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 FAILED DUE TO RUST	3	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 2 FAR BEARING HAS FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED 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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1 BEAM 3 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 3 FAR BEARING HAS 1/16 INCH SECTION LOSS	3	1	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SPAN 1 BEAM 4 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	SPAN 1, BEAM 4 FAR BEARING HAS 1/16 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SPAN 1 BEAM 5 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 5 FAR BEARING HAS FRECKLED RUST	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1 BEAM 6 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
311	Corrosion	SPAN 1, BEAM 6 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1 BEAM 7 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	1	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 1 BEAM 7 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	1	1	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 1 BEAM 8 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 1, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1 BEAM 9 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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 9 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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 1 BEAM 10 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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 10 FAR BEARING HAS FRECKLED RUST	2	1		Each	

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General Comments

Standard Joint

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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NOT VISIBLE

Reinforced Concrete Deck

12	Reinforced Concrete Deck	4,558	4,446	112	0	0	Square Feet
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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 2, BOTTOM OF THE DECK IN BAY 5 HAS A HAIRLINE 4 FT. LONG TRANSVERSE CRACK WITH EFFLO. 8 FT. FROM BENT 2 FOR A TOTAL OF 80 SQ. FT. THRU OUT THE SPAN	2	80	80	Square Feet
12	Exposed Rebar	SPAN 2, BOTTOM OF LEFT OVERHANG AT BENT 1 HAS A SPALL, 12 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR	2	1	1	Square Feet
12	Patched Areas	SPAN 2 BAY 3 BOTTOM OF DECK, 8 FT. FROM BENT 2 HAS A PATCH, 4 FT. X 7 FT.	2	28		Square Feet
12	Patched Areas	SPAN 2 BAY 4 BOTTOM OF DECK, 6 FT. FROM BENT 2 HAS A PATCH, 20 INCHES X 30 INCHES	2	3		Square Feet

General Comments

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	17	40	2	0	Feet
515	Steel Protective Coating	580	440	0	135	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 1 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 2, BEAM 1 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 2, BEAM 1 HAS 40 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	40		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	135	135	Square Feet

General Comments

Span 2

Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	2	54	3	0	Feet
515	Steel Protective Coating	580	408	0	165	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 2 AT BENT 2 HAS 1/16 SECTION LOSS ON THE RIGHT BOTTOM FLANGE FROM THE BEAM END OUT 3 FT. X 6 INCHES WIDE WITH 11/16 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION FROM THE END OF THE BEAM OUT 3 FT. FROM THE BOTTOM FLANGE UP 10 INCHES HIGH WITH 15/32 INCH REMAINING	3	3	3	Feet
107	Corrosion	SPAN 2, BEAM 2 HAS 54 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	54		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	7	7	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	165	165	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	59	2	55	2	0	Feet
515	Steel Protective Coating	580	405	0	170	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 9/16 INCH REMAINING	3	2	2	Feet
107	Corrosion	SPAN 2, BEAM 3 HAS 55 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	55		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	170	170	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	59	1	55	3	0	Feet
515	Steel Protective Coating	580	403	0	170	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Span 2 Beam 4: SPAN 2, BEAM 4 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 3 FT. WITH 9/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 3 FT X 6 INCHES HIGH WITH 9/16 INCH REMAINING	3	3	3	Feet

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107	Corrosion	SPAN 2, BEAM 4 HAS 55 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	55	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	7	7 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	170	170 Square Feet
General Comments					

Span 2

Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	16	43	0	0	Feet
515	Steel Protective Coating	580	440	0	140	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 5 HAS 43 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	43		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	140	140	Square Feet
General Comments						

Span 2

Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	4	54	1	0	Feet
515	Steel Protective Coating	580	422	0	155	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 6 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 2, BEAM 6 HAS 54 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE SPAN	2	54		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	155	155	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	59	5	53	1	0	Feet
515	Steel Protective Coating	580	426	0	150	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 7 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 15/32 INCH REMAINING. THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 15/32 INCH REMAINING	3	1	1	Feet

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107	Corrosion	SPAN 2, BEAM 7 HAS 53 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	53	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	150	150 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		59	6	50	3	0	Feet
515	Steel Protective Coating		580	428	0	140	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 8 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 19/32 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X FULL HEIGHT WITH 19/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 2, BEAM 8 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 19/32 INCH REMAINING,	3	2	2	Feet
107	Corrosion	SPAN 2, BEAM 8 HAS 50 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	50		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	140	140	Square Feet
General Comments						

Span 2

Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	4	55	0	0	Feet
515	Steel Protective Coating	580	415	0	165	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2, BEAM 9 HAS 55 FT. OF FRECKLED RUST THRU OUT LENGTH OF BEAM	2	55		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	165	165	Square Feet
General Comments						

Span 2

Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	59	0	59	0	0 Feet
515	Steel Protective Coating	580	400	0	180	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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107	Corrosion	SPAN 2, BEAM 10 HAS 59 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	59	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAILED DUE TO RUST	3	180	180 Square Feet
General Comments					

Span 2 Left Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	60	60	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
General Comments					
18" LONG AREA OF DELAMINATION, 1" DEEP IN THE ORIGINAL CONCRETE BRIDGE RAILING. STRUCTURE OUTFITTED WITH RETROFIT RAILING.					

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	60	0	0	60	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	SPAN 2 MEDIAN RAIL HAS 60 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL	3	60	60 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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	SPAN 2, BEAM 1 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0 Each
515	Steel Protective Coating	2	1	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SPAN 2, BEAM 1 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each

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General Comments

Movable Bearing

515	Steel Protective Coating	2	0	0	2	0	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	2	1	0	0	1	Square Feet
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Protective Coatings

Movable Bearing

515	Steel Protective Coating	2	0	0	0	2	Square Feet
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General Comments

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 IS STARTING 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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 4 NEAR BEARING HAS 1/16 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 4 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 5 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each

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General Comments

Fixed Bearing

515	Steel Protective Coating	2	0	2	0	0	Square Feet
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General Comments

Movable Bearing

515	Steel Protective Coating	2	0	0	0	2	Square Feet
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Protective Coatings

Fixed Bearing

515	Steel Protective Coating	2	0	2	0	0	Square Feet
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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	0	1	0	Each
515	Steel Protective Coating	2	1	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 7 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	1	1	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 8 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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 9 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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 9 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 10 NEAR BEARING HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING 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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 2, BEAM 10 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 Expansion Joint**Standard Joint**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	98	98	0	0	0	Feet

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

NOT VISIBLE

Span 3 Deck**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	5,678	5,454	220	4	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Exposed Rebar	SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 22 INCHES IN DIAMETER X 1.5 INCHES DEEP WITH EXPOSED REBAR AT 2/3 POINT	3	2	2	Square Feet
12	Exposed Rebar	SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 8 INCHES X 11 INCHES X 1 INCH DEEP WITH EXPOSED REBAR , 16 FT. FROM END BENT 2	3	1	1	Square Feet
12	Exposed Rebar	SPAN 3 BOTTOM OF DECK, BAY 4, 6 FT. FROM END BENT 2 HAS A SPALL, 9 INCHES X 16 INCHES X 1 INCH DEEP WITH REBAR EXPOSED	3	1	1	Square Feet
12	Cracking (RC and Other)	SPAN 3, BAY 6 BOTTOM OF THE DECK HAS A HAIRLINE TRANSVERSE CRACK AT 2/3 POINT, 3 FT. LONG WITH EFFLO. AND RUST STAINS, FOR A TOTAL OF 120 SQ. FT. THRU OUT THE BOTTOM OF THE DECK WITH OR WITHOUT EFFLO. AND RUST STAINS	2	120	120	Square Feet
12	Patched Areas	SPAN 3 BOTTOM OF BAY 2 DECK HAS A 16 INCH X 24 INCH PATCHED AREA AT MID-SPAN FOR A TOTAL OF 100 SQ. FT. OF PATCHES THRU OUT THE BOTTOM OF THE SPAN	2	100		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	74	11	60	3	0	Feet
515	Steel Protective Coating	721	509	0	200	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 1 AT BENT 2 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING, THE WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X FULL HEIGHT WITH 11/16 INCH REMAINING	3	2	2	Feet
107	Corrosion	SPAN 3, BEAM 1 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 3, BEAM 1 HAS 60 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	60		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	200	200	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	74	24	50	0	0	Feet
515	Steel Protective Coating	721	531	0	190	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 2 HAS 50 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	50		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	190	190	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	74	11	60	3	0	Feet
515	Steel Protective Coating	721	512	0	200	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 3 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 3 FT. X FULL WIDTH WITH 31/32 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION LOSS IN THE LOWER WEB FROM THE CENTERLINE OF BEARING OUT 3 FT. X 3 INCHES HIGH WITH 23/32 INCH REMAINING	3	3	3	Feet
107	Corrosion	SPAN 3, BEAM 3 HAS 60 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	60		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	9	9	Square Feet

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	200	200	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	74	12	60	2	0 Feet
515	Steel Protective Coating	721	511	0	200	10 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 4 AT BENT 2 HAS 1/32 INCH SECTION ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION LOSS FROM THE END OF THE BEAM OUT 1 FT. X FULL HEIGHT WITH 23/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 3, BEAM 4 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING	3	1	1	Feet
107	Corrosion	SPAN 3, BEAM 4 HAS 60 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	60		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	10	10	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	200	200	Square Feet
General Comments						

Span 3

Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	74	24	50	0	0 Feet
515	Steel Protective Coating	721	531	0	190	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 5 HAS 50 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	50		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	190	190	Square Feet
General Comments						

Span 3

Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	74	19	55	0	0 Feet
515	Steel Protective Coating	721	526	0	195	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 3, BEAM 6 HAS 55 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE SPAN	2	55		Feet

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Span 3			Beam 7				
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		74	19	55	0	0 Feet
515	Steel Protective Coating		721	526	0	195	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 3, BEAM 7 HAS 55 FT. OF FRECKLED RUST ALONG THE LENGTH OF THE BEAM	2	55		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	195	195	Square Feet	
General Comments							

Span 3			Beam 8				
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		74	12	60	2	0 Feet
515	Steel Protective Coating		721	506	0	210	5 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 3, BEAM 8 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 31/32 INCH REMAINING	3	2	2	Feet	
107	Corrosion	SPAN 3, BEAM 8 HAS 60 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	60		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	5	5	Square Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	210	210	Square Feet	
General Comments							

Span 3			Beam 9				
Plate Girder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		74	14	60	0	0 Feet
515	Steel Protective Coating		721	511	0	210	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	SPAN 3, BEAM 9 HAS 60 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE SPAN	2	60		Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	210	210	Square Feet	
General Comments							

Span 3 **Beam 10****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	74	0	73	1	0 Feet
515	Steel Protective Coating	721	488	0	230	3 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	SPAN 3, BEAM 10 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING	3	1	1 Feet
107	Corrosion	SPAN 3, BEAM 10 HAS 73 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM	2	73	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	230	230 Square Feet

General Comments

Span 3 **Median Rail****Concrete Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	75	0	0	75	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	SPAN 3 MEDIAN RAIL HAS 75 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL	3	75	75 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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	SPAN 3, BEAM 1 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 1 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 2 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 2 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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

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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING 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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 3 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 3, BEAM 4 NEAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 4 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SPAN 3, BEAM 5 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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
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

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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 COATING HAS STARTED TO FAILE DUE TO RUST	1	1	1	Square Foot
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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

Movable Bearing

Steel Protective Coating	2	0	0	0	2	Square Feet
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Effectiveness (Steel	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	2	2	Square Feet
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Protective Coatings

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	0	1	0	Each
515	Steel Protective Coating	2	1	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	1	1	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 9 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	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SPAN 3, BEAM 9 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	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 10 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	0	1	0 Each
515	Steel Protective Coating	2	0	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SPAN 3, BEAM 10 FAR BEARING HAS 1/32 INCH SECTION LOSS	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED DUE TO RUST	4	2	2 Square Feet
General Comments					

Span 3 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
301	Pourable Joint Seal	98	98	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
General Comments					
NOT VISIBLE					

Span 3 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
301	Pourable Joint Seal	98	98	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
General Comments					
NOT VISIBLE					

End 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		102	92	0	10	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	END BENT 1, FACE OF CAP HAS A 1/4 INCH WIDE LONGITUDINAL CRACK IN BAYS 4 AND 5, 10 FT. LONG WITH RUST STAINS, PHOTO TAKEN IN BAY 4	3	10	10 Feet
General Comments					

End Bent 1

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		
General Comments							
END BENT PILES ARE NOT VISIBLE							

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	98	17	2	79	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
234	Cracking (RC and Other)	BENT 1 CAP, BAY 1, NEAR THE TOP EDGE IN SPAN 1 HAS A 1/8 INCH WIDE CRACK, 16 INCHES LONG	3	2	2	Feet	
234	Cracking (RC and Other)	BENT 1 TOP OF CAP HAS A 1/16 INCH WIDE DIAGONAL CRACK, 6 INCHES LONG RUNNING FROM SPAN 1 TOP EDGE TO LEFT SIDE OF BEARING AT BEAM 7	3	1	1	Feet	
234	Delamination/Spall	BENT 1 CAP HAS AN AREA OF DELAMINATION IN THE TOP OF THE CAP, NEAR TOP EDGE AT SPAN 1 SIDE 24 INCHES LONG X 5 INCHES WIDE AT BAY 5	3	2	2	Feet	
234	Delamination/Spall	BENT 1 CAP HAS AN AREA OF DELAMINATION ON THE TOP OF THE CAP NEAR TOP EDGE AT SPAN 1 SIDE AT BAY 6 NEAR BEAM 6, 36 INCHES LONG X 5 INCHES WIDE WITH 1/8 INCH WIDE SEPARATION	3	3	3	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE AT BAY 1 HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 24 INCHES X 12 INCHES WITH 3/16 INCH SEPARATION, NEAR TOP EDGE	3	2	2	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM, BETWEEN PILES 4 AND 5, 5 FT. LONG X 6 INCHES WIDE WITH 1/4 INCH SEPARATION WITH RUST STAINS	3	5	5	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT BAY 4, NEAR BEAM 4, 40 INCHES LONG X 16 INCHES HIGH WITH 1/4 INCH SEPARATION AND RUST STAINS NEAR TOP EDGE OF CAP	3	3	3	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP STARTING IN BAY 6 RUNNING 7 FT. LONG INTO BAY 7, 24 INCHES HIGH WITH 1/2 INCH SEPARATION	3	7	7	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 INCHES IN DIAMETER WITH 1/4 INCH SEPARATION, NEAR TOP EDGE AT BEAM 1, WITH RUST STAINS	3	1	1	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION AT THE TOP EDGE UNDER BEAM 6, 28 INCHES LONG X 9 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION, CRACK ON TOP RUNS ADJACENT TO BEARING AT THIS BEAM	3	2	2	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN BAY 1, AT TOP EDGE, 26 INCHES LONG X 5 INCHES WIDE ACROSS THE TOP AND UP TO 3 INCHES HIGH DOWN THE FACE	3	2	2	Feet	
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE IN BAY 8, 24 INCHES LONG X 3 INCHES UP THE FACE X 3 INCHES ACROSS THE BOTTOM WITH 1/16 INCH SEPARATION	3	2	2	Feet	

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234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE UNDER BEAM 5, 29 INCHES LONG X 7 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE BOTTOM WITH 1/8 INCH SEPARATION AND RUST STAINS	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE, 24 INCHES LONG X 6 INCHES UP THE FACE X 3 INCHES ACROSS THE BOTTOM WITH 1/16 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4 NEAR TOP EDGE, 24 INCHES LONG X 10 INCHES DOWN THE FACE X 2 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 5, 24 INCHES X 29 INCHES WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY3, 24 INCHES X 29 INCHES WITH 1/4 INCH SEPARATION, NEAR TOP EDGE	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8 NEAR TOP EDGE, 12 INCHES IN DIAMETER, WITH 1/32 INCH SEPARATION	3	1	1 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 9, NEAR TOP EDGE, 20 INCHES LONG X 12 INCHES DOWN THE FACE X 3 INCHES ACROSS THE TOP WITH 1/16 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, ABOVE PILE 4, 2 FT. BELOW TOP OF CAP, 24 INCHES IN DIAMETER WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 6, 36 INCHES LONG X 10 INCHES DOWN THE FACE X 9 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION	3	3	3 Feet
234	Delamination/Spall	BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 6, NEAR BEAM 7, 60 INCHES LONG X 18 INCHES DOWN THE FACE X UP TO 6 INCHES ACROSS THE TOP, WITH 1/2 INCH SEPARATION, DOES NOT AFFECT BEAM 7 BEARING	3	5	5 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING BETWEEN PILES 2 AND 3 IN THE FACE OF THE CAP, 9 FT. LONG X 16 INCHES HIGH X 1.5 INCHES DEEP WITH EXPOSED REBAR	3	9	9 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP, STARTING AT BAY 4 RUNNING 11 FT. LONG INTO BAY 6, 16 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR	3	11	11 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 9, 44 INCHES X 24 INCHES X 3.5 INCHES DEEP WITH EXPOSED REBAR, NEAR TOP EDGE	3	4	4 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 1 SIDE FACE OF CAP HAS A 5 INCH DIAMETER SPALL X 3/4 INCH DEEP WITH EXPOSED REBAR, AT BEAM 1, 15 INCHES BELOW TOP OF CAP	2	1	1 Feet
234	Exposed Rebar	BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE TOP EDGE IN BAY 4, AT CAP STEPUP, 10 INCHES X 7 INCHES X 4 INCHES DEEP WITH REBAR EXPOSED REBAR	2	1	1 Feet

General Comments

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	Delamination/Spall	BENT 1, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHEAST CORNER, 8 INCHES WIDE X 24 INCHES HIGH WITH 3/16 INCH SEPARATION, 2 FT. BELOW THE BOTTOM OF THE CAP	3	1	2	Each
205	Delamination/Spall	BENT 1, PILE 1 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 5 FT. HIGH WITH 1/4 INCH SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	3		5	Each
205	Exposed Rebar	BENT 1, PILE 1 HAS A SPALL ON THE NORTHWEST CORNER, 12 INCHES WIDE X 6 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	3		6	Each

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	7	7	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 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 1, PILE 2 HAS AN AREA OF DELAMINATION ON THE SOUTHEAST CORNER, 10 INCHES WIDE X 36 INCHES HIGH WITH 1/2 INCH WIDE SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	3		3	Each
205	Exposed Rebar	BENT 1, PILE 2 HAS A SPALL ON THE NORTHEAST CORNER, 12 INCHES WIDE X 32 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	3	1	3	Each

General Comments

Bent 1 Reinforced Concrete Column 3**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	BENT 1, PILE 3 HAS AN AREA OF DELAMINATION ON THE NORTH FACE, NEAR THE NORTHEAST CORNER, 10 INCHES WIDE X 6 FT. HIGH WITH UP TO 3 INCH WIDE SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	3		6 Each
205	Exposed Rebar	BENT 1, PILE 3 HAS A SPALL ON THE EAST FACE, 12 INCHES WIDE X 5 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP, WITH ADJACENT DELAMINATION BELOW THE SPALL, WITH 1/4 INCH SEPARATION	3	1	5 Each
205	Patched Area	BENT 1, PILE 3 HAS A PATCHED AREA, ON THE NORTHWEST CORNER, 14 INCHES WIDE X 5 FT. HIGH, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	2		5 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	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	BENT 1, PILE 5 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, 7 INCHES WIDE X 24 INCHES HIGH WITH 1/16 INCH SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	2	1	2 Each

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	94	93	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
215	Delamination/Spall	END BENT 1 ABUTMENT, BAY 2, ADJACENT TO THE RIGHT BOTTOM FLANGE OF BEAM 2 HAS A SPALL, 12 INCHES LONG X 3 INCHES WIDE X 3 INCHES DEEP	3	1	1 Feet

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	7	7	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	98	20	5	73	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	BENT 2 BOTTOM OF CAP, UNDER BEAM 3 HAS AN AREA OF DELAMINATION, 22 INCHES X 20 INCHES WITH 1/2 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DECAY IN THE FACE OF THE CAP IN BAYS 4 AND 5, 6 FT. LONG X 2 FT. HIGH WITH 3/16 INCH SEPARATION	3	6	6 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 3, 24 INCHES X 15 INCHES WITH 1/8 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4, 21 INCHES X 12 INCHES, NEAR TOP EDGE AND GOES ACROSS THE TOP OF THE CAP 4 INCHES WITH 3/16 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 1 NEAR TOP EDGE, 48 INCHES LONG X 20 INCHES HIGH AND GOES ACROSS THE TOP OF THE CAP 4 INCHES ADJACENT TO THE BEARING AT BEAM 1, WITH 3/16 INCH SEPARATION WITH RUST STAINS	3	4	4 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 3, IN BAYS 2 AND 3, 6 FT. LONG X 2 FT. HIGH AND 3 INCHES ACROSS THE TOP OF THE CAP WITH 1/4 INCH SEPARATION	3	6	6 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 5 FT. X 20 INCHES WITH 1/2 INCH SEPARATION	3	5	5 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, BAY 1, NEAR BEAM 2, NEAR TOP EDGE, 22 INCHES X 17 INCHES WITH 3/16 INCH SEPARATION, BEARING AREA IS SOUND	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP 15 FT. LONG STARTING AT BAY 2 RUNNING TO BEAM 4, X 18 INCHES HIGH X 5 INCHES ACROSS THE TOP OF THE CAP WITH 1/4 INCH SEPARATION, BEAM 3 BEARING AREA IS SOUND	3	15	15 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4 AT TOP EDGE, 24 INCHES X 12 INCHES AND ACROSS THE TOP OF THE CAP 9 INCHES WITH 1/4 INCH SEPARATION	3	2	2 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, IN BAY 5, NEAR BOTTOM EDGE, 36 INCHES X 9 INCHES X 6 INCHES ACROSS THE BOTTOM WITH 3/16 INCH SEPARATION	3	3	3 Feet
234	Delamination/Spall	BENT 2 TOP OF CAP IN BAY 8 HAS AN AREA OF DELAMINATION, 14 INCHES X 17 INCHES NEAR BEAM 8 WITH 1/8 INCH SEPARATION	3	1	1 Feet
234	Exposed Rebar	BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP IN BAYS 3 AND 4, 8 FT. LONG X UP TO 2.5 FT. HIGH X 2.5 INCHES DEEP WITH REBAR EXPOSED	3	8	8 Feet
234	Exposed Rebar	BENT 2 CAP SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 1, 14 INCHES X 10 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	3	1	1 Feet
234	Exposed Rebar	BENT 2 CAP, LEFT END HAS A SPALL ON THE BOTTOM EDGE, 2.5 FT. LONG X 10 INCHES HIGH X 4 INCHES DEEP	3	1	3 Feet

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		WITH REBAR EXPOSED			
234	Exposed Rebar	BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 1, NEAR BEAM 1, 40 INCHES LONG X 15 INCHES HIGH X UP TO 8 INCHES DEEP, NEAR TOP EDGE	3	3	3 Feet
234	Exposed Rebar	BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 6 INCHES X 8 INCHES X 1/2 INCH DEEP WITH REBAR EXPOSED	3	1	1 Feet
234	Exposed Rebar	BENT 2 CAP, SPAN 3 SIDE HAS A SPALL STARTS UNDER BEAM 1 AND RUNS 9 FT. LONG IN BAY 1 X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, BEARING AREA AT BEAM 1 IS SOUND	3	9	9 Feet
234	Cracking (RC and Other)	BENT 2 CAP, SPAN 3 SIDE HAS A HAIRLINE, 12 INCH LONG, LONGITUDINAL CRACK WITH EFFLO. IN BAY 8, NEAR TOP EDGE	2	1	1 Feet
234	Delamination/Spall	BENT 2 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 4, 14 INCHES X 17 INCHES X 3/4 INCH DEEP WITH EXPOSED REBAR	2	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 4, 16 INCHES X 12 INCHES	2	1	1 Feet
234	Delamination/Spall	BENT 2 TOP OF CAP, BAY 8 NEAR BEAM 8 HAS A SPALL 8 INCHES X 12 INCHES X 1.5 INCHES DEEP, NEAR SPAN 3 SIDE	2	1	1 Feet
234	Exposed Rebar	BENT 2 CAP, SPAN 3 SIDE HAS A SPALL IN THE FACE OF THE CAP UNDER BEAM 2, 5 INCHES X 4 INCHES X 3/4 INCH DEEP WITH EXPOSED REBAR, NEAR TOP EDGE	2	1	1 Feet

General Comments

Bent 2 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	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHEAST CORNER, 16 INCHES WIDE X 32 INCHES HIGH WITH 1/4 INCH SEPARATION, 1 FT. BELOW THE BOTTOM OF THE CAP	3		3 Each
205	Delamination/Spall	BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE SOUTHEAST CORNER, 11 INCHES WIDE X 24 INCHES HIGH WITH 1/8 INCH SEPARATION, 1 FT. BELOW THE BOTTOM OF THE CAP	3		2 Each
205	Delamination/Spall	END BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHWEST CORNER 9 INCHES WIDE X 24 INCHES HIGH WITH 1/16 INCH SEPARATION, STARTING 1 FT. BELOW THE BOTTOM OF THE CAP	2	1	3 Each

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	120	91	0	29	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	END BENT 2 CAP, BAY 3 HAS A LONGITUDINAL CRACK IN THE TOP, 1/8 INCH WIDE X 4 FT. LONG, 4 INCHES FROM THE FRONT EDGE	3	4	4 Feet
234	Delamination/Spall	END BENT 2 CAP HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 1, NEAR BEAM 2, 3FT. LONG X 5 INCHES DOWN THE FACE AND 5 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION	3	3	3 Feet

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234	Delamination/Spall	END BENT 2 CAP IN BAY 4 HAS AN AREA OF DELAMINATION, 9 FT. LONG X 4 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP WITH 3/8 INCH SEPARATION	3	9	9 Feet
234	Delamination/Spall	END BENT 2 CAP IN BAY 8 HAS AN AREA OF DELAMINATION, 5 FT. LONG X 4 INCHES DOWN THE FACE X 5 INCHES ACROSS THE TOP WITH 3/16 INCH SEPARATION, PHOTO LOOKING AT TOP OF CAP	3	5	5 Feet
234	Delamination/Spall	END BENT 2 CAP, BAY 2 HAS AN AREA OF DELAMINATION IN THE TOP AND FACE, 8 FT. LONG WITH 1/4 INCH SEPARATION, 4 INCHES ACROSS THE TOP X 6 INCHES DOWN THE FRONT FACE, PHOTO TAKEN AT TOP OF CAP	3	8	8 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

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	94	92	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
215	Delamination/Spall	END BENT 2 ABUTMENT HAS A SPALL ADJACENT TO BEAM 3, 24 INCHES HIGH X 7 INCHES WIDE X 4 INCHES DEEP IN BAY 2	2	1	1 Feet
215	Delamination/Spall	END BENT 2 ABUTMENT HAS A SPALL ADJACENT TO BEAM 4, 24 INCHES HIGH X 4 INCHES WIDE X 1.5 INCHES DEEP IN BAY 3	2	1	1 Feet

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			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			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	2894
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	37
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	37
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	38
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	38
Span 1	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 1	Expansion Joint	Standard Joint	Pourable Joint Seal	98
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2654
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 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	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	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4558
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	59

Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	59
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	59
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 2	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	60
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	98
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	4180
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	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	Near Bearing	Movable Bearing	Movable Bearing	1
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	Near Bearing	Movable Bearing	Movable Bearing	1
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 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5678
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	74
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	74
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	75
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	75
Span 3	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	75
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	98
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	98
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	5207
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
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	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	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	98
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
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	102
End Bent 1		Reinforced Concrete Abutment	Reinforced Concrete Abutment	94
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	98
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
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	120
End Bent 2		Reinforced Concrete Abutment	Reinforced Concrete Abutment	94

General Inspection Notes

Bent 1

END BENT PILES ARE NOT VISIBLE

Bent 1

NOT VISIBLE

Bent 2

END BENT PILES ARE NOT VISIBLE

Bent 2

NOT VISIBLE

Span 1

Expansion Joint

NOT VISIBLE

Span 1

Wearing Surface

Span 2

Expansion Joint

NOT VISIBLE

Span 2

Left Bridge Rail

18" LONG AREA OF DELAMINATION, 1" DEEP IN THE ORIGINAL CONCRETE BRIDGE RAILING. STRUCTURE
OUTFITTED WITH RETROFIT RAILING.

Span 3

Expansion Joint

NOT VISIBLE

National Bridge and NC Inspection Items

Structure Number: 430159

Inspection Date: 05/08/2017

National Bridge Inventory Items

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

Note: 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			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	15		
Superstructure Paint Code		A		

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	22
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Y
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: 430159

Inspection Date: 05/08/2017

Item	Deck - Item 58	Grade 5	Maint Code	Qty. 0
Details	RANDOM AREAS OF SPALLS ON THE BOTTOM OF THE DECK WITH EXPOSED REBAR, AREAS OF HAIRLINE TRANSVERSE CRACKING WITH EFFLO. ON THE BOTTOM OF THE DECK			
Item	Superstructure - Item 59	Grade 5	Maint Code	Qty. 0
Details	AREAS OF UP TO 1/16 INCH SECTION LOSS			
Item	Substructure - Item 60	Grade 5	Maint Code	Qty. 0
Details	AREAS OF SPALLS WITH REBAR EXPOSED ON CAPS AND PILES AND AREAS OF DELAMINATION AND CRACKS			



Span 1 Beam 1: SPAN 1 BEAM 1 AT END BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGES FROM THE BEAM END OUT 3 FT. X FULL WIDTH WITH 9/16 INCH REMAINING AND 1/16 INCH SECTION LOSS IN THE LOWER WEB FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 9/16 INCH REMAINING



Span 1 Beam 1 Near Bearing: SPAN 1, BEAM 1 NEAR BEARING HAS 1/16 INCH SECTION LOSS



SPAN 1, BEAM 2 HAS 25 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM



Span 1 Beam 3 Near Bearing: SPAN 1 BEAM 3 NEAR BEARING HAS 1/32 INCH SECTION LOSS



End Bent 1 Abutment/Backwall : END BENT 1 ABUTMENT, BAY 2, ADJACENT TO THE RIGHT BOTTOM FLANGE OF BEAM 2 HAS A SPALL, 12 INCHES LONG X 3 INCHES WIDE X 3 INCHES DEEP



Span 1 Deck: SPAN 1, BOTTOM OF DECK, BAY 4 AT END BENT 1 HAS A SPALL, 9 INCHES X 7 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED



Span 1 Deck: SPAN 1, BOTTOM OF DECK IN BAY 4, NEAR END BENT 1 HAS AN AREA OF DELAMINATION, 24 INCHES X 40 INCHES WITH 1/8 INCH SEPARATION WITH RUST STAINS AND EFFLO.



End Bent 1 Cap 1: END BENT 1, FACE OF CAP HAS A 1/4 INCH WIDE LONGITUDINAL CRACK IN BAYS 4 AND 5, 10 FT. LONG WITH RUST STAINS, PHOTO TAKEN IN BAY 4



Span 1 Deck: SPAN 1, BOTTOM OF THE DECK, BAY 5 HAS HAIRLINE TRANSVERSE CRACKS WITH EFFLO. X 42 INCHES LONG, FOR A TOTAL OF 24 SQ. FT. IN BAY 5



Span 1 Beam 3: SPAN 1, BEAM 3 AT BENT 1 HAS $\frac{1}{16}$ INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH $\frac{1}{2}$ INCH REMAINING, THE LOWER WEB HAS $\frac{1}{32}$ INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH $\frac{15}{32}$ INCH REMAINING



Span 1 Beam 3 Far Bearing: SPAN 1, BEAM 3 FAR BEARING HAS 1/16 INCH SECTION LOSS



Span 2 Beam 3: SPAN 2, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 9/16 INCH REMAINING



Span 2 Beam 3 Near Bearing: SPAN 2, BEAM 3 NEAR BEARING HAS 1/16 INCH SECTION LOSS



Span 2 Beam 4: SPAN 2, BEAM 4 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 3 FT. WITH 9/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 3 FT X 6 INCHES HIGH WITH 9/16 INCH REMAINING



Span 2 Beam 4 Near Bearing: SPAN 2, BEAM 4 NEAR BEARING HAS 1/16 INCH SECTION LOSS



Span 1 Beam 4: SPAN 1, BEAM 4 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 1/2 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH LOSS FROM THE END OF THE BEAM OUT 2 FT. X 4 INCHES HIGH WITH 15/32 INCH REMAINING



Span 1 Beam 4 Far Bearing: SPAN 1, BEAM 4 FAR BEARING HAS 1/16 INCH SECTION LOSS



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



Span 2 Beam 5 Near Bearing: SPAN 2, BEAM 5 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Span 1 Beam 6: SPAN 1, BEAM 6 AT BENT 1 HAS $\frac{1}{32}$ INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 1 FT. WITH $\frac{17}{32}$ INCH REMAINING, THE LOWER WEB HAS $\frac{1}{32}$ INCH SECTION LOSS FROM THE END OF THE BEAM OUT 10 INCHES X FULL HEIGHT WITH $\frac{15}{32}$ INCH REMAINING



Span 1 Beam 6 Far Bearing: SPAN 1, BEAM 6 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 2 Beam 6: SPAN 2, BEAM 6 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING



Span 2 Beam 6 Near Bearing: SPAN 2, BEAM 6 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Span 1 Beam 7: SPAN 1, BEAM 7 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 15/32 INCH REMAINING. THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 15/32 INCH REMAINING



Span 1 Beam 7 Far Bearing: SPAN 1 BEAM 7 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 2 Beam 7: SPAN 2, BEAM 7 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 15/32 INCH REMAINING. THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X 3 INCHES HIGH WITH 15/32 INCH REMAINING



Span 2 Beam 7 Near Bearing: SPAN 2, BEAM 7 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Span 1 Beam 8: SPAN 1, BEAM 8 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 7/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 6 INCHES HIGH WITH 7/16 INCH REMAINING



Span 1 Beam 8 Far Bearing: SPAN 1, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 2 Beam 8: SPAN 2, BEAM 8 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 19/32 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT FT. X FULL HEIGHT WITH 19/32 INCH REMAINING



Span 2 Beam 8 Near Bearing: SPAN 2, BEAM 8 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Span 1 Beam 10: SPAN 1, BEAM 10 HAS 33 FT. OF FRECKLED RUST THRU OUT THE LENGTH OF THE BEAM



Span 1 Beam 10 Far Bearing: SPAN 1, BEAM 10 FAR BEARING HAS FRECKLED RUST



Span 2 Beam 1: SPAN 2, BEAM 1 AT BENT 1 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING



Span 2 Beam 1 Near Bearing: SPAN 2, BEAM 1 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Bent 1 Pile 1: BENT 1, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHEAST CORNER, 8 INCHES WIDE X 24 INCHES HIGH WITH 3/16 INCH SEPARATION, 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHWEST CORNER, 12 INCHES WIDE X 6 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 1: BENT 1, PILE 1 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, 10 INCHES WIDE X 5 FT. HIGH WITH 1/4 INCH SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 2: BENT 1, PILE 2 HAS A SPALL ON THE NORTHEAST CORNER, 12 INCHES WIDE X 32 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 2: BENT 1, PILE 2 HAS AN AREA OF DELAMINATION ON THE SOUTHEAST CORNER, 10 INCHES WIDE X 36 INCHES HIGH WITH 1/2 INCH WIDE SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 3: BENT 1, PILE 3 HAS A SPALL ON THE EAST FACE, 12 INCHES WIDE X 5 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP, WITH ADJACENT DELAMINATION BELOW THE SPALL, WITH 1/4 INCH SEPARATION



Bent 1 Pile 3: BENT 1, PILE 3 HAS AN AREA OF DELAMINATION ON THE NORTH FACE, NEAR THE NORTHEAST CORNER, 10 INCHES WIDE X 6 FT. HIGH WITH UP TO 3 INCH WIDE SEPARATION



Bent 1 Pile 3: BENT 1, PILE 3 HAS A PATCHED AREA, ON THE NORTHWEST CORNER, 14 INCHES WIDE X 5 FT. HIGH, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Pile 5: BENT 1, PILE 5 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, 7 INCHES WIDE X 24 INCHES HIGH WITH 1/16 INCH SEPARATION, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 15 INCHES IN DIAMETER WITH 1/4 INCH SEPARATION, NEAR TOP EDGE AT BEAM 1, WITH RUST STAINS



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE AT BAY 1 HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 24 INCHES X 12 INCHES WITH 3/16 INCH SEPARATION, NEAR TOP EDGE



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE FACE OF CAP HAS A 5 INCH DIAMETER SPALL X 3/4 INCH DEEP WITH EXPOSED REBAR, AT BEAM 1, 15 INCHES BELOW TOP OF CAP



Span 1 Deck: SPAN 1, BOTTOM OF LEFT OVERHANG AT BENT 1 HAS AN AREA OF DELAMINATION 12 INCHES IN DIAMETER WITH 1/2 INCH SEPARATION WITH RUST STAINS



Span 2 Deck: SPAN 2, BOTTOM OF LEFT OVERHANG AT BENT 1 HAS A SPALL, 12 INCHES X 8 INCHES X 1 INCH DEEP WITH EXPOSED REBAR



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING BETWEEN PILES 2 AND 3 IN THE FACE OF THE CAP, 9 FT. LONG X 16 INCHES HIGH X 1.5 INCHES DEEP WITH EXPOSED REBAR



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT BAY 4, NEAR BEAM 4, 40 INCHES LONG X 16 INCHES HIGH WITH 1/4 INCH SEPARATION AND RUST STAINS NEAR TOP EDGE OF CAP



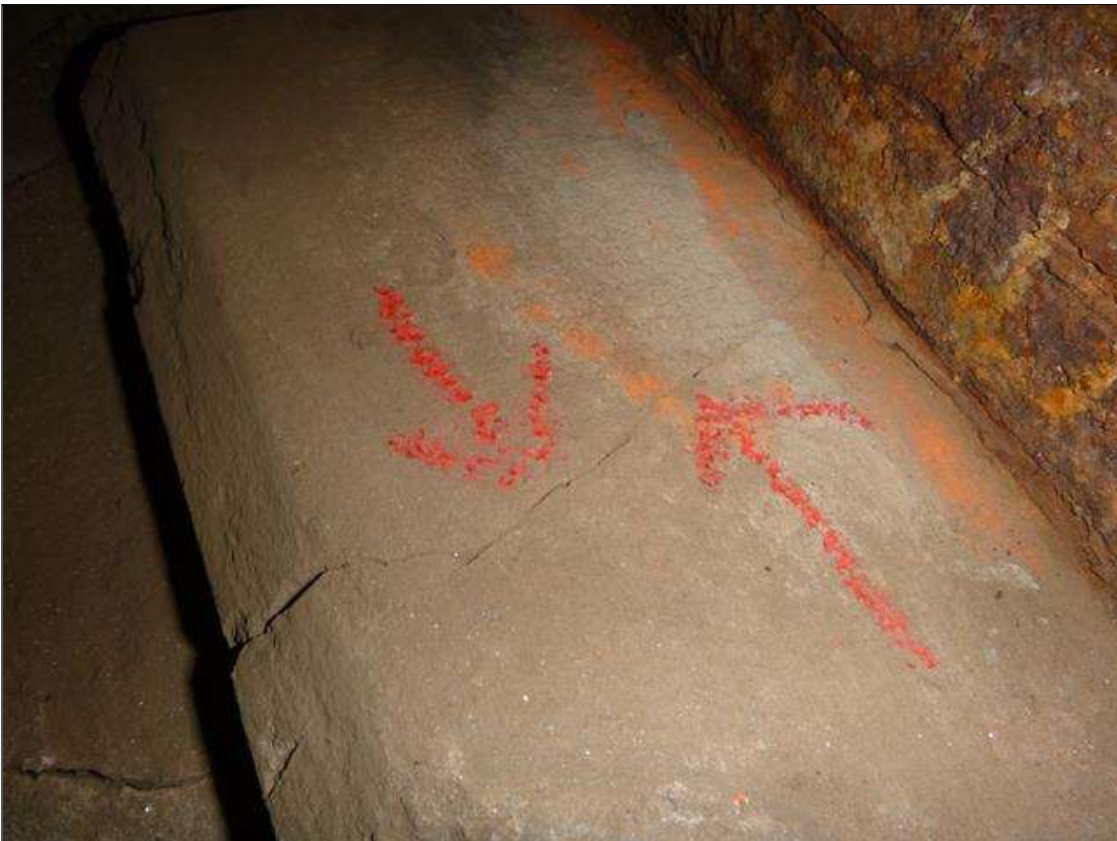
Bent 1 Cap 1: BENT 1 CAP HAS AN AREA OF DELAMINATION IN THE TOP OF THE CAP, NEAR TOP EDGE AT SPAN 1 SIDE 24 INCHES LONG X 5 INCHES WIDE AT BAY 5



Bent 1 Cap 1: BENT 1 CAP HAS AN AREA OF DELAMINATION ON THE TOP OF THE CAP NEAR TOP EDGE AT SPAN 1 SIDE AT BAY 6 NEAR BEAM 6, 36 INCHES LONG X 5 INCHES WIDE WITH 1/8 INCH WIDE SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP, STARTING AT BAY 4 RUNNING 11 FT. LONG INTO BAY 6, 16 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR



Bent 1 Cap 1: BENT 1 TOP OF CAP HAS A 1/16 INCH WIDE DIAGONAL CRACK, 6 INCHES LONG RUNNING FROM SPAN 1 TOP EDGE TO LEFT SIDE OF BEARING AT BEAM 7



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP STARTING IN BAY 6 RUNNING 7 FT. LONG INTO BAY 7, 24 INCHES HIGH WITH 1/2 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, BAY 1, NEAR THE TOP EDGE IN SPAN 1 HAS A 1/8 INCH WIDE CRACK, 16 INCHES LONG



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN BAY 1, AT TOP EDGE, 26 INCHES LONG X 5 INCHES WIDE ACROSS THE TOP AND UP TO 3 INCHES HIGH DOWN THE FACE



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY3, 24 INCHES X 29 INCHES WITH 1/4 INCH SEPARATION, NEAR TOP EDGE



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE TOP EDGE IN BAY 4, AT CAP STEPUP, 10 INCHES X 7 INCHES X 4 INCHES DEEP WITH REBAR EXPOSED REBAR



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4 NEAR TOP EDGE, 24 INCHES LONG X 10 INCHES DOWN THE FACE X 2 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE UNDER BEAM 5, 29 INCHES LONG X 7 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE BOTTOM WITH 1/8 INCH SEPARATION AND RUST STAINS



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION AT THE TOP EDGE UNDER BEAM 6, 28 INCHES LONG X 9 INCHES HIGH ON THE FACE X 5 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION, CRACK ON TOP RUNS ADJACENT TO BEARING AT THIS BEAM



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 5, 24 INCHES X 29 INCHES WITH 1/8 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, ABOVE PILE 4, 2 FT. BELOW TOP OF CAP, 24 INCHES IN DIAMETER WITH 1/8 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 6, 36 INCHES LONG X 10 INCHES DOWN THE FACE X 9 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF DELAMINATION IN THE BOTTOM, BETWEEN PILES 4 AND 5, 5 FT. LONG X 6 INCHES WIDE WITH 1/4 INCH SEPARATION WITH RUST STAINS



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 6, NEAR BEAM 7, 60 INCHES LONG X 18 INCHES DOWN THE FACE X UP TO 6 INCHES ACROSS THE TOP, WITH 1/2 INCH SEPARATION, DOES NOT AFFECT BEAM 7 BEARING



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE, 24 INCHES LONG X 6 INCHES UP THE FACE X 3 INCHES ACROSS THE BOTTOM WITH 1/16 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 8 NEAR TOP EDGE, 12 INCHES IN DIAMETER, WITH 1/32 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP AT THE BOTTOM EDGE IN BAY 8, 24 INCHES LONG X 3 INCHES UP THE FACE X 3 INCHES ACROSS THE BOTTOM WITH 1/16 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 9, NEAR TOP EDGE, 20 INCHES LONG X 12 INCHES DOWN THE FACE X 3 INCHES ACROSS THE TOP WITH 1/16 INCH SEPARATION



Bent 1 Cap 1: BENT 1 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 9, 44 INCHES X 24 INCHES X 3.5 INCHES DEEP WITH EXPOSED REBAR, NEAR TOP EDGE



Span 1 Beam 8: SPAN 1, BEAM 8 HAS 25 SQ. FT. OF PAINT PEELING FROM THE RIGHT WEB NEAR END BENT



Bent 2 Cap 1: BENT 2 CAP, LEFT END HAS A SPALL ON THE BOTTOM EDGE, 2.5 FT. LONG X 10 INCHES HIGH X 4 INCHES DEEP WITH REBAR EXPOSED



Bent 2 Pile 1: END BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHWEST CORNER 9 INCHES WIDE X 24 INCHES HIGH WITH 1/16 INCH SEPARATION, STARTING 1 FT. BELOW THE BOTTOM OF THE CAP



Bent 2 Cap 1: BENT 2 CAP SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 1, 14 INCHES X 10 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 1 NEAR TOP EDGE, 48 INCHES LONG X 20 INCHES HIGH AND GOES ACROSS THE TOP OF THE CAP 4 INCHES ADJACENT TO THE BEARING AT BEAM 1, WITH 3/16 INCH SEPARATION WITH RUST STAINS



Span 2 Beam 1: SPAN 2, BEAM 1 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH 19/32 INCH REMAINING



Span 2 Beam 1 Far Bearing: SPAN 2, BEAM 1 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Beam 1: SPAN 3, BEAM 1 AT BENT 2 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING, THE WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X FULL HEIGHT WITH 11/16 INCH REMAINING



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 1, NEAR BEAM 1, 40 INCHES LONG X 15 INCHES HIGH X UP TO 8 INCHES DEEP, NEAR TOP EDGE



Span 3 Beam 1 Near Bearing: SPAN 3, BEAM 1 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, BAY 1, NEAR BEAM 2, NEAR TOP EDGE, 22 INCHES X 17 INCHES WITH 3/16 INCH SEPARATION, BEARING AREA IS SOUND



Span 2 Beam 2: SPAN 2, BEAM 2 AT BENT 2 HAS $\frac{1}{16}$ SECTION LOSS ON THE RIGHT BOTTOM FLANGE FROM THE BEAM END OUT 3 FT. X 6 INCHES WIDE WITH $\frac{11}{16}$ INCH REMAINING, THE WEB HAS $\frac{1}{32}$ INCH SECTION FROM THE END OF THE BEAM OUT 3 FT. FROM THE BOTTOM FLANGE UP 10 INCHES HIGH WITH $\frac{15}{32}$ INCH REMAINING



Span 2 Beam 2 Far Bearing: SPAN 2, BEAM 2 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Beam 2 Near Bearing: SPAN 3, BEAM 2 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 3, IN BAYS 2 AND 3, 6 FT. LONG X 2 FT. HIGH AND 3 INCHES ACROSS THE TOP OF THE CAP WITH 1/4 INCH SEPARATION



Bent 2 Cap 1: BENT 2 BOTTOM OF CAP, UNDER BEAM 3 HAS AN AREA OF DELAMINATION, 22 INCHES X 20 INCHES WITH 1/2 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 3, 24 INCHES X 15 INCHES WITH 1/8 INCH SEPARATION



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP IN BAYS 3 AND 4, 8 FT. LONG X UP TO 2.5 FT. HIGH X 2.5 INCHES DEEP WITH REBAR EXPOSED



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4, 21 INCHES X 12 INCHES, NEAR TOP EDGE AND GOES ACROSS THE TOP OF THE CAP 4 INCHES WITH 3/16 INCH SEPARATION



Span 3 Beam 4: SPAN 3, BEAM 4 AT BENT 2 HAS $\frac{1}{32}$ INCH SECTION ON THE BOTTOM FLANGE FROM THE BEAM END OUT 1 FT. X FULL WIDTH WITH $\frac{31}{32}$ INCH REMAINING, THE WEB HAS $\frac{1}{32}$ INCH SECTION LOSS FROM THE END OF THE BEAM OUT 1 FT. X FULL HEIGHT WITH $\frac{23}{32}$ INCH REMAINING



Span 3 Beam 4 Near Bearing: SPAN 3, BEAM 4 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DECAY IN THE FACE OF THE CAP IN BAYS 4 AND 5, 6 FT. LONG X 2 FT. HIGH WITH 3/16 INCH SEPARATION



Span 2 Deck: SPAN 2 BAY 4 BOTTOM OF DECK, 6 FT. FROM BENT 2 HAS A PATCH, 20 INCHES X 30 INCHES



Span 2 Deck: SPAN 2 BAY 3 BOTTOM OF DECK, 8 FT. FROM BENT 2 HAS A PATCH, 4 FT. X 7 FT.



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 5 FT. X 20 INCHES WITH 1/2 INCH SEPARATION



Span 2 Deck: SPAN 2, BOTTOM OF THE DECK IN BAY 5 HAS A HAIRLINE 4 FT. LONG TRANSVERSE CRACK WITH EFFLO. 8 FT. FROM BENT 2 FOR A TOTAL OF 80 SQ. FT. THRU OUT THE SPAN



Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 6 INCHES X 8 INCHES X 1/2 INCH DEEP WITH REBAR EXPOSED



Span 2 Beam 8: SPAN 2, BEAM 8 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 19/32 INCH REMAINING,



Span 2 Beam 8 Far Bearing: SPAN 2, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Beam 8: SPAN 3, BEAM 8 AT BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 31/32 INCH REMAINING



Span 3 Beam 8 Near Bearing: SPAN 3 BEAM 8 NEAR BEARING HAS 1/32 INCH SECTION LOSS



Bent 2 Pile 1: BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE NORTHEAST CORNER, 16 INCHES WIDE X 32 INCHES HIGH WITH 1/4 INCH SEPARATION



Bent 2 Pile 1: BENT 2, PILE 1 HAS AN AREA OF DELAMINATION ON THE SOUTHEAST CORNER, 11 INCHES WIDE X 24 INCHES HIGH WITH 1/8 INCH SEPARATION, 1 FT. BELOW THE BOTTOM OF THE CAP



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A SPALL STARTS UNDER BEAM 1 AND RUNS 9 FT. LONG IN BAY 1 X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, BEARING AREA AT BEAM 1 IS SOUND



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A SPALL IN THE FACE OF THE CAP UNDER BEAM 2, 5 INCHES X 4 INCHES X 3/4 INCH DEEP WITH EXPOSED REBAR, NEAR TOP EDGE



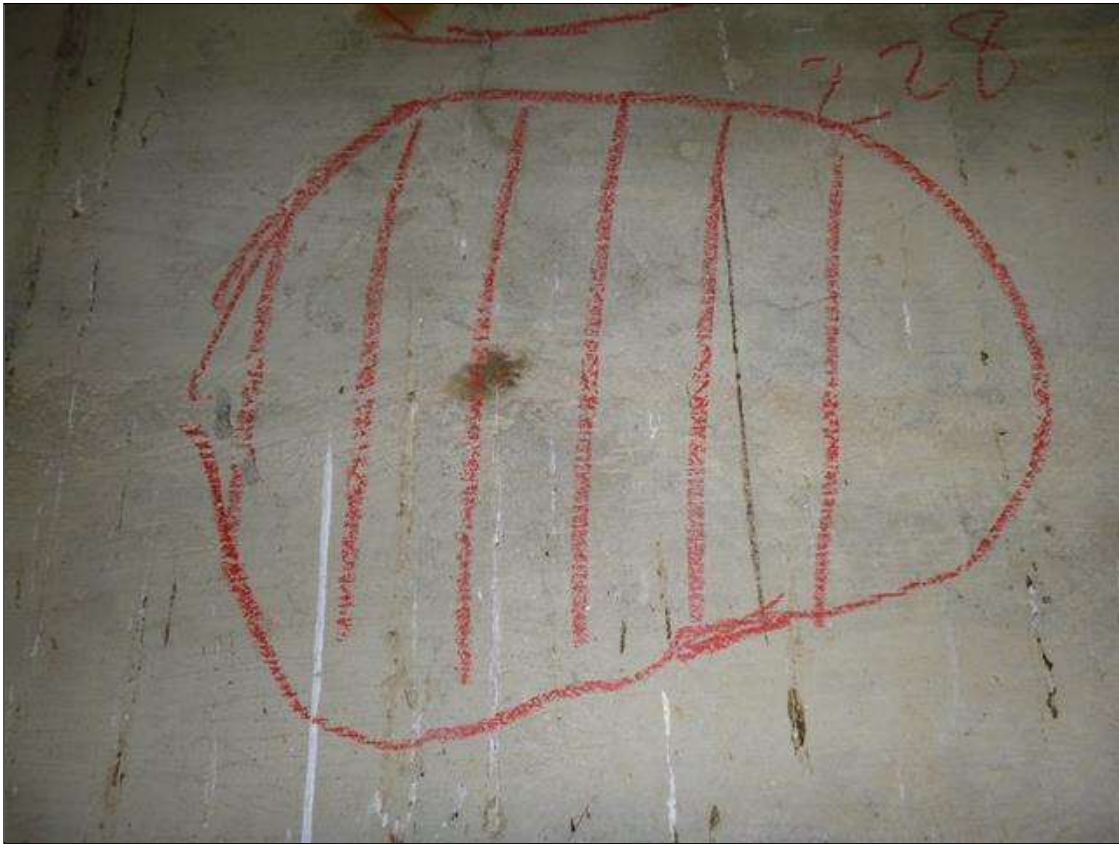
Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP 15 FT. LONG STARTING AT BAY 2 RUNNING TO BEAM 4, X 18 INCHES HIGH X 5 INCHES ACROSS THE TOP OF THE CAP WITH 1/4 INCH SEPARATION, BEAM 3 BEARING AREA IS SOUND



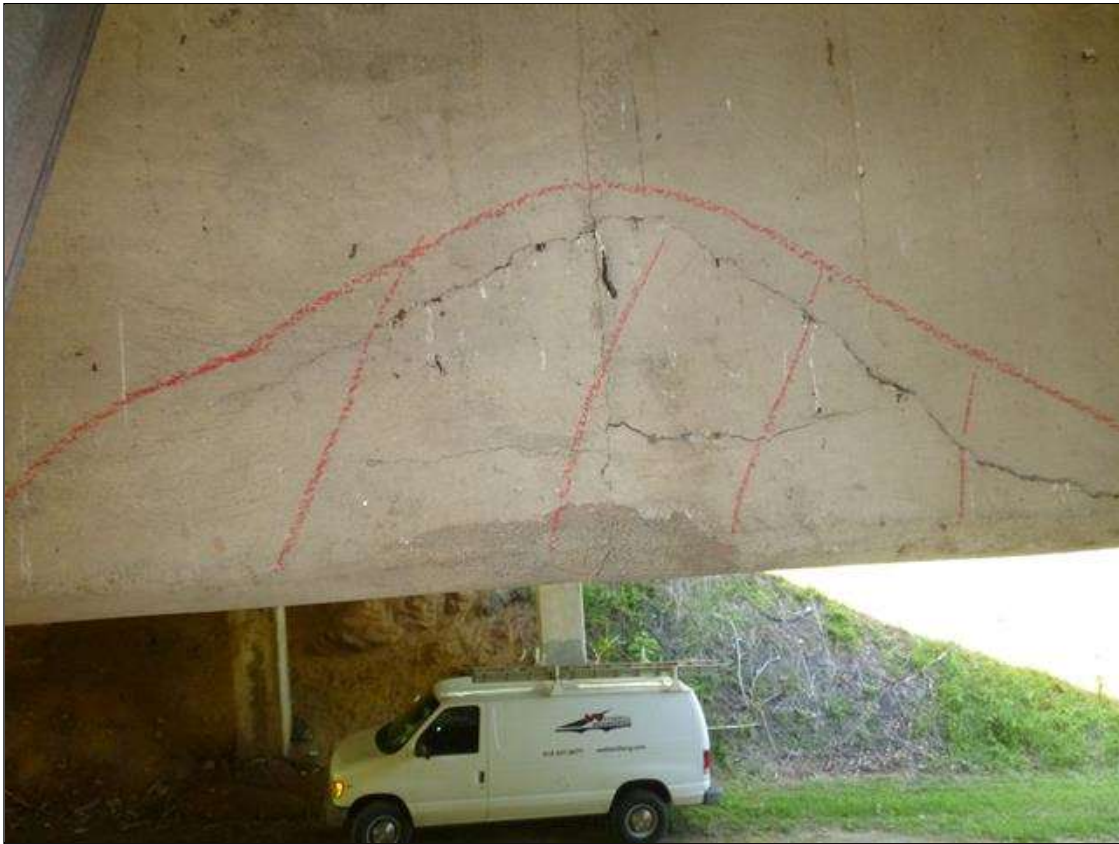
Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 4, 14 INCHES X 17 INCHES X 3/4 INCH DEEP WITH EXPOSED REBAR



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4 AT TOP EDGE, 24 INCHES X 12 INCHES AND ACROSS THE TOP OF THE CAP 9 INCHES 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 IN BAY 4, 16 INCHES X 12 INCHES



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, IN BAY 5, NEAR BOTTOM EDGE, 36 INCHES X 9 INCHES X 6 INCHES ACROSS THE BOTTOM WITH 3/16 INCH SEPARATION



Bent 2 Cap 1: BENT 2 TOP OF CAP IN BAY 8 HAS AN AREA OF DELAMINATION, 14 INCHES X 17 INCHES NEAR BEAM 8 WITH 1/8 INCH SEPARATION



Bent 2 Cap 1: BENT 2 TOP OF CAP, BAY 8 NEAR BEAM 8 HAS A SPALL 8 INCHES X 12 INCHES X 1.5 INCHES DEEP, NEAR SPAN 3 SIDE



Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A HAIRLINE, 12 INCH LONG, LONGITUDINAL CRACK WITH EFFLO. IN BAY 8, NEAR TOP EDGE



Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 22 INCHES IN DIAMETER X 1.5 INCHES DEEP WITH EXPOSED REBAR AT 2/3 POINT



Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 8 INCHES X 11 INCHES X 1 INCH DEEP WITH EXPOSED REBAR , 16 FT. FROM END BENT 2



Span 3 Beam 10: SPAN 3, BEAM 10 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING



Span 3 Beam 10 Far Bearing: SPAN 3, BEAM 10 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Beam 9 Far Bearing: SPAN 3, BEAM 9 FAR BEARING HAS 1/32 INCH SECTION LOSS



End Bent 2 Cap 1: END BENT 2 CAP IN BAY 8 HAS AN AREA OF DELAMINATION, 5 FT. LONG X 4 INCHES DOWN THE FACE X 5 INCHES ACROSS THE TOP WITH 3/16 INCH SEPARATION, PHOTO LOOKING AT TOP OF CAP



Span 3 Beam 8 Far Bearing: SPAN 3, BEAM 8 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Deck: SPAN 3, BAY 6 BOTTOM OF THE DECK HAS A HAIRLINE TRANSVERSE CRACK AT 2/3 POINT, 3 FT. LONG WITH EFFLO. AND RUST STAINS, FOR A TOTAL OF 120 SQ. FT. THRU OUT THE BOTTOM OF THE DECK WITH OR WITHOUT EFFLO. AND RUST STAINS



Span 3 Deck: SPAN 3 BOTTOM OF DECK, BAY 4, 6 FT. FROM END BENT 2 HAS A SPALL, 9 INCHES X 16 INCHES X 1 INCH DEEP WITH REBAR EXPOSED



Span 3 Beam 5 Far Bearing: SPAN 3, BEAM 5 FAR BEARING HAS 1/32 INCH SECTION LOSS



End Bent 2 Cap 1: END BENT 2 CAP IN BAY 4 HAS AN AREA OF DELAMINATION, 9 FT. LONG X 4 INCHES DOWN THE FACE X 4 INCHES ACROSS THE TOP WITH 3/8 INCH SEPARATION



Span 3 Beam 4: SPAN 3, BEAM 4 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING



Span 3 Beam 4 Far Bearing: SPAN 3, BEAM 4 FAR BEARING HAS 1/32 INCH SECTION LOSS



End Bent 2 Abutment/Backwall : END BENT 2 ABUTMENT HAS A SPALL ADJACENT TO BEAM 4, 24 INCHES HIGH X 4 INCHES WIDE X 1.5 INCHES DEEP IN BAY 3



End Bent 2 Cap 1: END BENT 2 CAP, BAY 3 HAS A LONGITUDINAL CRACK IN THE TOP, 1/8 INCH WIDE X 4 FT. LONG, 4 INCHES FROM THE FRONT EDGE



Span 3 Beam 3: SPAN 3, BEAM 3 AT END BENT 2 HAS $\frac{1}{32}$ INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 3 FT. X FULL WIDTH WITH $\frac{31}{32}$ INCH REMAINING, THE WEB HAS $\frac{1}{32}$ INCH SECTION LOSS IN THE LOWER WEB FROM THE CENTERLINE OF BEARING OUT 3 FT. X 3 INCHES HIGH WITH $\frac{23}{32}$ INCH REMAINING



Span 3 Deck: SPAN 3 BOTTOM OF BAY 2 DECK HAS A 16 INCH X 24 INCH PATCHED AREA AT MID-SPAN FOR A TOTAL OF 100 SQ. FT. OF PATCHES THRU OUT THE BOTTOM OF THE SPAN



End Bent 2 Abutment/Backwall : END BENT 2 ABUTMENT HAS A SPALL ADJACENT TO BEAM 3, 24 INCHES HIGH X 7 INCHES WIDE X 4 INCHES DEEP IN BAY 2



End Bent 2 Cap 1: END BENT 2 CAP, BAY 2 HAS AN AREA OF DELAMINATION IN THE TOP AND FACE, 8 FT. LONG WITH 1/4 INCH SEPARATION, 4 INCHES ACROSS THE TOP X 6 INCHES DOWN THE FRONT FACE, PHOTO TAKEN AT TOP OF CAP



Span 3 Beam 3 Far Bearing: SPAN 3, BEAM 3 FAR BEARING HAS 1/32 INCH SECTION LOSS



Span 3 Beam 2 Far Bearing: SPAN 3, BEAM 2 FAR BEARING HAS 1/32 INCH SECTION LOSS



End Bent 2 Cap 1: END BENT 2 CAP HAS AN AREA OF DELAMINATION IN THE TOP AND FACE IN BAY 1, NEAR BEAM 2, 3FT. LONG X 5 INCHES DOWN THE FACE AND 5 INCHES ACROSS THE TOP WITH 1/8 INCH SEPARATION



Span 3 Beam 1: SPAN 3, BEAM 1 AT END BENT 2 HAS 1/32 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE CENTERLINE OF BEARING OUT 1 FT. X FULL WIDTH WITH 31/32 INCH REMAINING



Span 3 Beam 1 Far Bearing: SPAN 3, BEAM 1 FAR BEARING HAS 1/32 INCH SECTION LOSS



SPAN 2, LEFT RAIL, 18" LONG AREA OF DELAMINATION, IN TOP OF RAIL, 1" DEEP IN THE ORIGINAL CONCRETE BRIDGE RAILING. STRUCTURE OUTFITTED WITH RETROFIT RAILING.



END BENT 1 ASPHALT WEARING SURFACE APPROACH HAS 20 SQ. FT. OF 1/8 INCH WIDE TRANSVERSE CRACKING



Span 1 Median Rail: SPAN 1 MEDIAN RAIL HAS 38 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL



Span 2 Median Rail: SPAN 2 MEDIAN RAIL HAS 60 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL



Span 3 Median Rail: SPAN 3 MEDIAN RAIL HAS 75 FT. OF HAIRLINE TO 1/16 INCH WIDE MAP CRACKING THRU OUT RAIL



END BENT 2 ASPHALT WEARING SURFACE APPROACH, EAST BOUND LANES HAVE 20 SQ. FT. OF 1/8 INCH WIDE TRANSVERSE CRACKING



END BENT 1, LEFT 1/3



END BENT 1, MIDDLE 1/3



END BENT 1, RIGHT 1/3



END BENT 1, LEFT WINGWALL



BENT 1, SPANS 1 AND 2 BEARINGS AT BEAM 10



SPAN 2 SUPERSTRUCTURE LEFT HALF LOOKING EAST



SPAN 2 SUPERSTRUCTURE RIGHT HALF LOOKING EAST



BENT 1, SPAN 2 SIDE



BENT 1, SPAN 2 SIDE, BAY 8 BENT DIAPHRAGM



END BENT 1, RIGHT WINGWALL



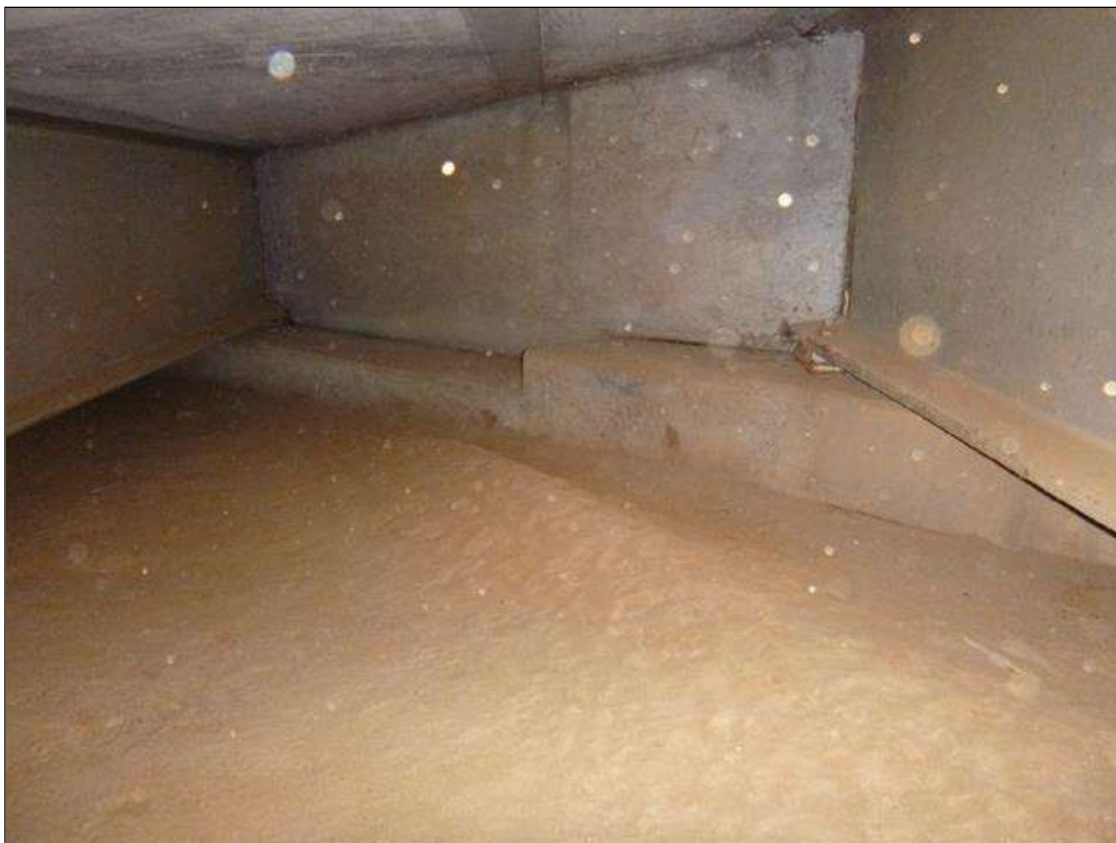
BENT 2, SPAN 2 SIDE LEFT HALF



BENT 2 SPAN 2 RIGHT HALF



END BENT 2, RIGHT WINGWALL



END BENT 2



SPAN 3 BEAM 7 FAR BEARING



EAST APPROACH LOOKING WEST, WEST BOUND LANE.



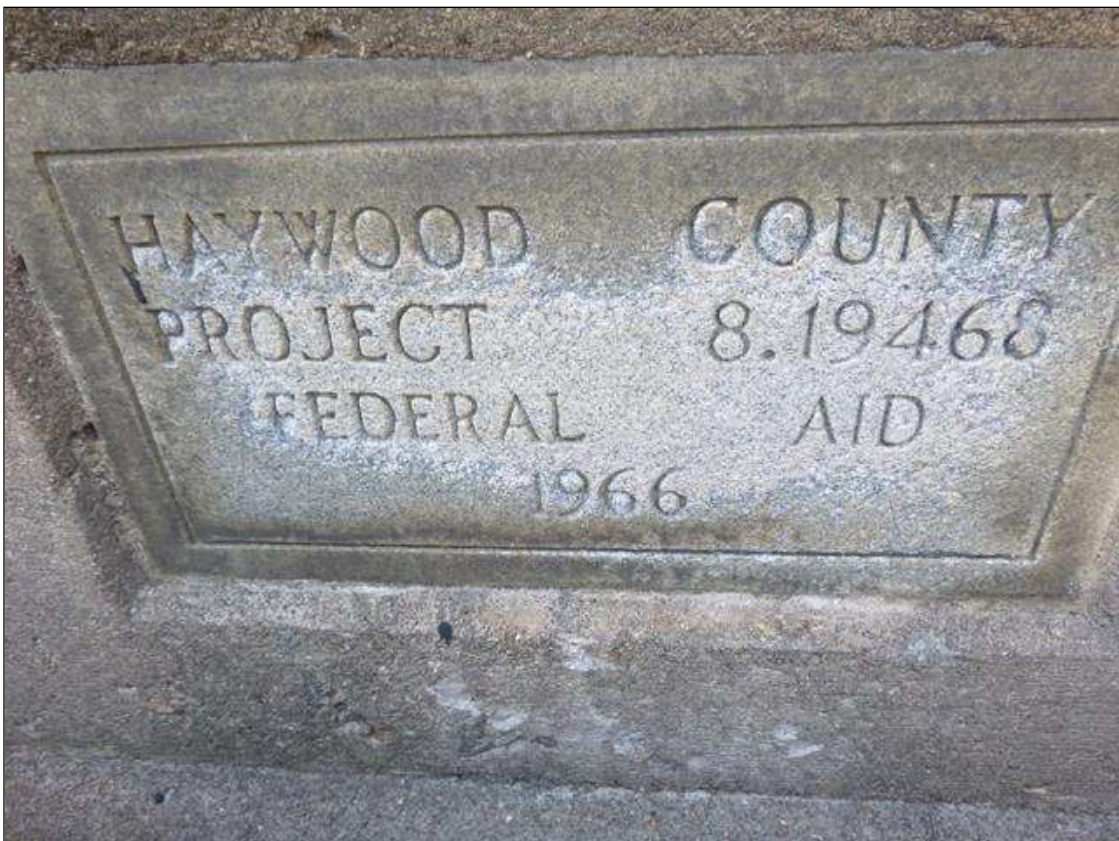
END BENT 2, LEFT WINGWALL



END BENT 2 TOP OF ASPHALT WEARING SURFACE, WEST BOUND LANES



END BENT 2 ASPHALT WEARING SURFACE APPROACH GOOD CONDITION, WEST BOUND LANES



BRIDGE PLAQUE AT END BENT 2 LEFT SIDE



APPROACH GUARDRAIL TRANSITION AT THE LEFT SIDE OF END BENT 2



BRIDGE RAIL IN SPAN 3, LEFT SIDE, WEST BOUND LANES



BENT 2 TOP OF ASPHALT WEARING SURFACE, WEST BOUND LANES



LOOKING NORTH FROM TOP OF DECK



BENT 1 TOP OF ASPHALT WEARING SURFACE, WEST BOUND LANES



END BENT 1 TOP OF ASPHALT WEARING SURFACE, WEST BOUND LANES



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



WEST APPROACH LOOKING EAST, WEST BOUND LANES



WEST APPROACH LOOKING EAST, EAST BOUND LANES



APPROACH GUARDRAIL POST SPACING, 75 INCHES AT THE SOUTHWEST CORNER



APPROACH GUARDRAIL TRANSITION AT THE RIGHT SIDE OF END BENT 1



END BENT 1 TOP OF ASPHALT WEARING SURFACE EAST BOUND LANES



BENT 1, TOP OF ASPHALT WEARING SURFACE, EAST BOUND LANES



LOOKING SOUTH FROM THE TOP OF THE BRIDGE



BENT 2 TOP OF ASPHALT WEARING SURFACE, EAST BOUND LANES



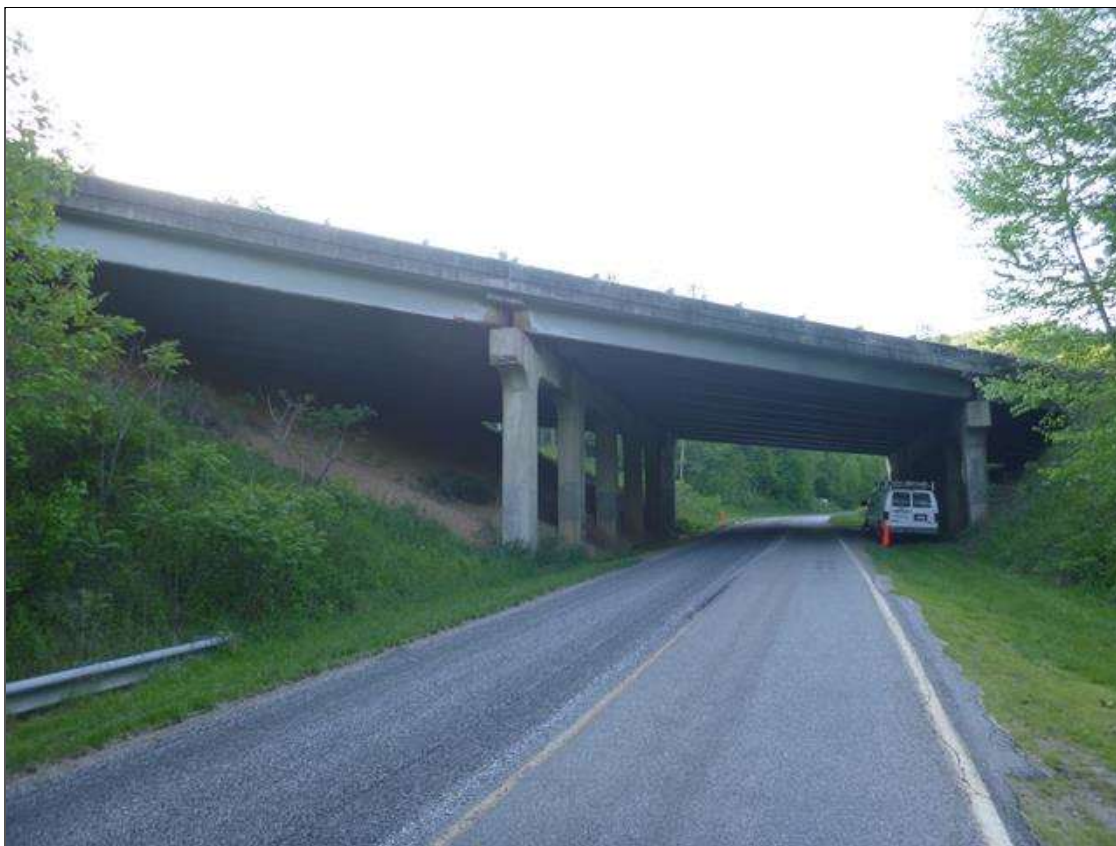
END BENT 2 TOP OF ASPHALT WEARING SURFACE, EAST BOUND LANES



EAST APPROACH LOOKING WEST, EAST BOUND LANES



APPROACH GUARDRAIL END AT THE SOUTHWEST CORNER



LEFT SIDE OF BRIDGE LOOKING SOUTH



RIGHT SIDE OF BRIDGE LOOKING NORTH

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

Run Date: 11/16/2017

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	430159	SUFFICIENCY RATING =	70.98	
(8) STRUCTURE NUMBER(FEDERAL)	00000000870159		STATUS =	Not 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 - SR1338					
(7) FACILITY CARRIED I-40					
(9) LOCATION 1.8 MI.W.JCT.US276					
(11)MILEPOINT	18.7				
(16)LAT 35° 37' 31.64"	(17)LONG 83° 0' 31.41"				
(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 Multibeam or Girder	CODE 302		(104)HIGHWAY SYSTEM Is on the NHS	1	
(44) STRUCTURE TYPE APPR :			(26) FUNCTIONAL CLASS - Arterial - Interstate	01	
TYPE -	CODE 000		(100)STRAHNET HIGHWAY - Interstate STRAHNET Route	1	
(45) NUMBER OF SPANS IN MAIN UNIT	3		(101)PARALLEL STRUCTURE - No Parallel Structure	N	
(46) NUMBER OF APPROACH SPANS			(102)DIRECTION OF TRAFFIC - 2-way Traffic	2	
(107)DECK STRUCTURE TYPE - 1	CODE		(103)TEMPORARY STRUCTURE -		
(108)WEARING SURFACE / PROTECTIVE SYSTEM :			(110)DESIGNATED NATIONAL NETWORK - On the National Network	1	
(A) TYPE OF WEARING SURFACE -	CODE		(20) TOLL On Free Road	3	
(B) TYPE OF MEMBRANE -	CODE		(31) MAINTAIN - State Highway Agency	01	
(C) TYPE OF DECK PROTECTION -	CODE		(22) OWNER - State Highway Agency	01	
			(37) HISTORICAL SIGNIFICANCE - Not Eligible	5	
			CONDITION		
			(58) DECK	5	
			(59) SUPERSTRUCTURE	5	
			(60) SUBSTRUCTURE	5	
			(61) CHANNEL & CHANNEL PROTECTION	N	
			(62) CULVERTS	N	
			LOAD RATING AND POSTING		
			(31) DESIGN LOAD HS 20 + MOD	6	
			(63) OPERATING RATING METHOD - Load Factor	1	
			(64) OPERATING RATING - HS-43	78	
			(65) INVENTORY RATING METHOD - Load Factor	1	
			(66) INVENTORY RATING - HS-26	46	
			(70) BRIDGE POSTING - No Posting Required	5	
			(41) STRUCTURE OPEN, POSTED ,OR CLOSED	A	
			DESCRIPTION - Open, No Restriction		
			APPRAISAL		
			(67) STRUCTURAL EVALUATION	5	
			(68) DECK GEOMETRY	7	
			(69) UNDERCLEARANCES,VERTI & HORIZ	4	
			(71) WATERWAY ADEQUACY	N	
			(72) APPROACH ROADWAY ALIGNMENT	8	
			(36) TRAFFIC SAFETY FEATURES	1111	
			(113)SCOUR CRITICAL BRIDGES	N	
			PROPOSED IMPROVEMENTS		
			(75) TYPE OF WORK -	CODE	
			(76) LENGTH OF STRUCTURE IMPROVEMENT		
			(94) BRIDGE IMPROVEMENT COST		
			(95) ROADWAY IMPROVEMENT COST		
			(96) TOTAL PROJECT COST		
			(97) YEAR OF IMPROVEMENT COST ESTIMATE		
			(114)FUTURE ADT 44000	(115) YEAR FUTURE ADT	2025
			INSPECTIONS		
			(90) INSPECTION DATE	05/08/2017	
			(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE	
			A) FRACTURE CRIT DETAIL - NO	A)	
			B) UNDERWATER INSP - NO	B)	
			C) OTHER SPECIAL INSP NO	C)	
			SCOUR		
AGE AND SERVICE					
(27) YEAR BUILT	1966				
(106)YEAR RECONSTRUCTED	1987				
(42) TYPE OF SERVICE : ON - Highway					
UNDER - Highway	CODE 11				
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE	2				
(29) AVERAGE DAILY TRAFFIC	22000				
(30) YEAR OF ADT 2015	(109) TRUCK ADT PCT 23%				
(19) BYPASS OR DETOUR LENGTH	25 MI				
GEOMETRIC DATA					
(48) LENGTH OF MAXIMUM SPAN	71 FT				
(49) STRUCTURE LENGTH	172 FT				
(50)CURB OR SIDEWALK: LEFT 000 FT RIGHT 000 FT					
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	70 FT				
(52) DECK WIDTH OUT TO OUT	76.333 FT				
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	72 FT				
(33) BRIDGE MEDIAN - No Median	CODE 2				
(34) SKEW 39°	(35) STRUCTURE FLARED	0			
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT				
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	35.167 FT				
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT				
(54) MIN VERT UNDERCLEAR REF Highway	15.333 FT				
(55) MIN LAT UNDERCLEAR RT REF Highway	5 FT				
(56) MIN LAT UNDERCLEAR LT REF -	0 FT				
NAVIGATION DATA					
(38) NAVIGATION CONTROL - Not Applicable	CODE N				
(111)PIER PROTECTION -	CODE				
(39) NAVIGATION VERTICAL CLEARANCE	0				
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT				
(40) NAVIGATION HORIZONTAL CLEARANCE	0 FT				

Structure No: 430159

County: HAYWOOD

Run Date:

Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Nuner of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note 1					STRAHNET Highway Designator	Direction of Traffic	Highway System of Route
													Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade			
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	SR 1338	31013380	16	00				9	2	730	2015	34	H	15.33	5		9	0	2	0

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 11/16/2017

COUNTY : HAYWOOD DIVISION : 14 DISTRICT : 2 STRUCTURE NUMBER : 430159 LENGTH : 172 FEET

ROUTE CARRIED : I-40 FEATURE INTERSECTED : SR1338

LOCATED : 1.8 MI.W.JCT.US276 BRIDGE NAME : CITY :

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

BUILT : 1966 BY : SHC PROJ : 8.19468 FED.AID PROJ : I-40-1(23)18 DESIGN LOAD : HS 20 + MOD

REHAB : 1987 BY : PROJ : ALIGNMENT : LT SKEW : 129 LANES : ON 4 UNDER 2

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

SUPERSTRUCTURE : REINFORCED CONCRETE FLOOR ON I-BEAMS

SUBSTRUCTURE : E.BTS:RC CAPS/H-PILES;INT.BTS:RC POST&BEAM

SPANS : 1 @ 37'-10.9375;1 @ 59'-8.4375;1 @ 74'-4.5

BEAMS OR GIRDERS : SPN1:2 LNS.36 & 8 LNS.33 I-BMS;SPN2&3:10 LNS.36 I-BMS.

FLOOR : 7.75 RC/ 1" AWS ENCROACHMENT : DECK (OUT TO OUT) : 76.333 FT

CLEAR ROADWAY : 70 FT BETWEEN RAILS : 70 FT SIDEWALK OR CURB : LT FT RT FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-26 OPE.RTG. : HS-43 CONTR.MEMBER : IntBm(SpB) POSTED : SV TTST DATE

SYSTEM : Primary Interstate GREEN LINE ROUTE : Y

UNDER ROUTES AND CLEARANCES

Span	Route Description	Vertical Clearances		Horizontal Clearances		
		MMVC	MVC	Total	Left	Right
2	SR 1338	16	15.3330	34	0	5

Note: All measurements are in feet.

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

Date: 05/08/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3326	Maintain Concrete Deck	SF	1	Span 1 Deck: SPAN 1, BOTTOM OF DECK, BAY 4 AT END BENT 1 HAS A SPALL, 9 INCHES X 7 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	
 3326	Maintain Concrete Deck	SF	2	Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 22 INCHES IN DIAMETER X 1.5 INCHES DEEP WITH EXPOSED REBAR AT 2/3 POINT	
 3326	Maintain Concrete Deck	SF	1	Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 8 INCHES X 11 INCHES X 1 INCH DEEP WITH EXPOSED REBAR , 16 FT. FROM END BENT 2	
 3326	Maintain Concrete Deck	SF	1	Span 3 Deck: SPAN 3 BOTTOM OF DECK, BAY 4, 6 FT. FROM END BENT 2 HAS A SPALL, 9 INCHES X 16 INCHES X 1 INCH DEEP WITH REBAR EXPOSED	
 3334	Bridge Bearings	EA	1	Span 1 Beam 1 Near Bearing: SPAN 1, BEAM 1 NEAR BEARING HAS 1/16 INCH SECTION LOSS	
 3334	Bridge Bearings	EA	1	Span 1 Beam 3 Far Bearing: SPAN 1, BEAM 3 FAR BEARING HAS 1/16 INCH SECTION LOSS	
 3334	Bridge Bearings	EA	1	Span 2 Beam 3 Near Bearing: SPAN 2, BEAM 3 NEAR BEARING HAS 1/16 INCH SECTION LOSS	
 3334	Bridge Bearings	EA	1	Span 2 Beam 4 Near Bearing: SPAN 2, BEAM 4 NEAR BEARING HAS 1/16 INCH SECTION LOSS	
 3348	Maintain Concrete Substructure Components	LF	9	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING BETWEEN PILES 2 AND 3 IN THE FACE OF THE CAP, 9 FT. LONG X 16 INCHES HIGH X 1.5 INCHES DEEP WITH EXPOSED REBAR	
 3348	Maintain Concrete Substructure Components	LF	11	Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP, STARTING AT BAY 4 RUNNING 11 FT. LONG INTO BAY 6, 16 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

Date: 05/08/2017

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	6	Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHWEST CORNER, 12 INCHES WIDE X 6 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Pile 2: BENT 1, PILE 2 HAS A SPALL ON THE NORTHEAST CORNER, 12 INCHES WIDE X 32 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 3: BENT 1, PILE 3 HAS A SPALL ON THE EAST FACE, 12 INCHES WIDE X 5 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP, WITH ADJACENT DELAMINATION BELOW THE SPALL, WITH 1/4 INCH SEPARATION	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 2 Cap 1: BENT 2 CAP, LEFT END HAS A SPALL ON THE BOTTOM EDGE, 2.5 FT. LONG X 10 INCHES HIGH X 4 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 2 Cap 1: BENT 2 CAP SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 1, 14 INCHES X 10 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	3	Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 1, NEAR BEAM 1, 40 INCHES LONG X 15 INCHES HIGH X UP TO 8 INCHES DEEP, NEAR TOP EDGE	
 3348	Maintain Concrete Substructure Components	LF	8	Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP IN BAYS 3 AND 4, 8 FT. LONG X UP TO 2.5 FT. HIGH X 2.5 INCHES DEEP WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	1	Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 6 INCHES X 8 INCHES X 1/2 INCH DEEP WITH REBAR EXPOSED	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

Date: 05/08/2017

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	9	Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A SPALL STARTS UNDER BEAM 1 AND RUNS 9 FT. LONG IN BAY 1 X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, BEARING AREA AT BEAM 1 IS SOUND	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 1: Span 1 Beam 1: SPAN 1 BEAM 1 AT END BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGES FROM THE BEAM END OUT 3 FT. X FULL WIDTH WITH 9/16 INCH REMAINING AND 1/16 INCH SECTION LOSS IN THE LOWER WEB FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 9/16 INCH REMAINING	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 3: Span 1 Beam 3: SPAN 1, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 1/2 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 15/32 INCH REMAINING	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 3: SPAN 2, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 9/16 INCH REMAINING	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 4: Span 2 Beam 4: SPAN 2, BEAM 4 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 3 FT. WITH 9/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 3 FT X 6 INCHES HIGH WITH 9/16 INCH REMAINING	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 8: SPAN 1, BEAM 8 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 7/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 6 INCHES HIGH WITH 7/16 INCH REMAINING	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

Date: 05/08/2017

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	3	Span 2 Beam 2: SPAN 2, BEAM 2 AT BENT 2 HAS 1/16 SECTION LOSS ON THE RIGHT BOTTOM FLANGE FROM THE BEAM END OUT 3 FT. X 6 INCHES WIDE WITH 11/16 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION FROM THE END OF THE BEAM OUT 3 FT. FROM THE BOTTOM FLANGE UP 10 INCHES HIGH WITH 15/32 INCH REMAINING	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 1: SPAN 3, BEAM 1 AT BENT 2 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING, THE WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X FULL HEIGHT WITH 11/16 INCH REMAINING	
3334	Bridge Bearings	EA	1	Span 1 Beam 4 Far Bearing: SPAN 1, BEAM 4 FAR BEARING HAS 1/16 INCH SECTION LOSS	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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:
05/05/2017	MARK WADE	
Details		
Span 1 Deck: SPAN 1, BOTTOM OF DECK, BAY 4 AT END BENT 1 HAS A SPALL, 9 INCHES X 7 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED		

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:
05/08/2017	MARK WADE	
Details		
Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 22 INCHES IN DIAMETER X 1.5 INCHES DEEP WITH EXPOSED REBAR AT 2/3 POINT		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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:
05/08/2017	MARK WADE	
Details		
Span 3 Deck: SPAN 3 BOTTOM OF BAY 9 DECK HAS A SPALL, 8 INCHES X 11 INCHES X 1 INCH DEEP WITH EXPOSED REBAR , 16 FT. FROM END BENT 2		

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:
05/08/2017	MARK WADE	
Details		
Span 3 Deck: SPAN 3 BOTTOM OF DECK, BAY 4, 6 FT. FROM END BENT 2 HAS A SPALL, 9 INCHES X 16 INCHES X 1 INCH DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 1 Beam 1 Near Bearing: SPAN 1, BEAM 1 NEAR BEARING HAS 1/16 INCH SECTION LOSS		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 1 Beam 3 Far Bearing: SPAN 1, BEAM 3 FAR BEARING HAS 1/16 INCH SECTION LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 2 Beam 3 Near Bearing: SPAN 2, BEAM 3 NEAR BEARING HAS 1/16 INCH SECTION LOSS		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Span 2 Beam 4 Near Bearing: SPAN 2, BEAM 4 NEAR BEARING HAS 1/16 INCH SECTION LOSS		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	9 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING BETWEEN PILES 2 AND 3 IN THE FACE OF THE CAP, 9 FT. LONG X 16 INCHES HIGH X 1.5 INCHES DEEP WITH EXPOSED REBAR		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	11 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Bent 1 Cap 1: BENT 1 CAP, SPAN 1 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP, STARTING AT BAY 4 RUNNING 11 FT. LONG INTO BAY 6, 16 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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:
05/08/2017	MARK WADE	
Details		
Bent 1 Pile 1: BENT 1, PILE 1 HAS A SPALL ON THE NORTHWEST CORNER, 12 INCHES WIDE X 6 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP		

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:
05/08/2017	MARK WADE	
Details		
Bent 1 Pile 2: BENT 1, PILE 2 HAS A SPALL ON THE NORTHEAST CORNER, 12 INCHES WIDE X 32 INCHES HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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:
05/08/2017	MARK WADE	
Details		
Bent 1 Pile 3: BENT 1, PILE 3 HAS A SPALL ON THE EAST FACE, 12 INCHES WIDE X 5 FT. HIGH X 4 INCHES DEEP WITH EXPOSED REBAR, STARTING 2 FT. BELOW THE BOTTOM OF THE CAP, WITH ADJACENT DELAMINATION BELOW THE SPALL, WITH 1/4 INCH SEPARATION		

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:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP, LEFT END HAS A SPALL ON THE BOTTOM EDGE, 2.5 FT. LONG X 10 INCHES HIGH X 4 INCHES DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP UNDER BEAM 1, 14 INCHES X 10 INCHES X 1.5 INCHES DEEP WITH REBAR EXPOSED		

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:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 1, NEAR BEAM 1, 40 INCHES LONG X 15 INCHES HIGH X UP TO 8 INCHES DEEP, NEAR TOP EDGE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	8 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS AN AREA OF SPALLING IN THE FACE OF THE CAP IN BAYS 3 AND 4, 8 FT. LONG X UP TO 2.5 FT. HIGH X 2.5 INCHES DEEP WITH REBAR EXPOSED		

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:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP, SPAN 2 SIDE HAS A SPALL ON THE FACE OF THE CAP IN BAY 7, 6 INCHES X 8 INCHES X 1/2 INCH DEEP WITH REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	9 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Bent 2 Cap 1: BENT 2 CAP, SPAN 3 SIDE HAS A SPALL STARTS UNDER BEAM 1 AND RUNS 9 FT. LONG IN BAY 1 X UP TO 36 INCHES HIGH X 3 INCHES DEEP WITH EXPOSED REBAR, BEARING AREA AT BEAM 1 IS SOUND		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 1 Beam 1: Span 1 Beam 1: SPAN 1 BEAM 1 AT END BENT 1 HAS 1/8 INCH SECTION LOSS ON THE BOTTOM FLANGES FROM THE BEAM END OUT 3 FT. X FULL WIDTH WITH 9/16 INCH REMAINING AND 1/16 INCH SECTION LOSS IN THE LOWER WEB FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 9/16 INCH REMAINING		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 1 Beam 3: Span 1 Beam 3: SPAN 1, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 2 FT. WITH 1/2 INCH REMAINING, THE LOWER WEB HAS 1/32 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 4 INCHES HIGH WITH 15/32 INCH REMAINING		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 2 Beam 3: SPAN 2, BEAM 3 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. X FULL WIDTH WITH 9/16 INCH REMAINING		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 2 Beam 4: Span 2 Beam 4: SPAN 2, BEAM 4 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE X FULL WIDTH FROM THE BEAM END OUT 3 FT. WITH 9/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 3 FT X 6 INCHES HIGH WITH 9/16 INCH REMAINING		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Span 1 Beam 8: SPAN 1, BEAM 8 AT BENT 1 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 7/16 INCH REMAINING, THE LOWER WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 2 FT. X 6 INCHES HIGH WITH 7/16 INCH REMAINING		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

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	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Span 2 Beam 2: SPAN 2, BEAM 2 AT BENT 2 HAS 1/16 SECTION LOSS ON THE RIGHT BOTTOM FLANGE FROM THE BEAM END OUT 3 FT. X 6 INCHES WIDE WITH 11/16 INCH REMAINING, THE WEB HAS 1/32 INCH SECTION FROM THE END OF THE BEAM OUT 3 FT. FROM THE BOTTOM FLANGE UP 10 INCHES HIGH WITH 15/32 INCH REMAINING		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/08/2017	MARK WADE	
Details		
Span 3 Beam 1: SPAN 3, BEAM 1 AT BENT 2 HAS 1/16 INCH SECTION LOSS ON THE BOTTOM FLANGE FROM THE BEAM END OUT 2 FT. WITH 15/16 INCH REMAINING, THE WEB HAS 1/16 INCH SECTION LOSS FROM THE BEAM END OUT 1 FT. X FULL HEIGHT WITH 11/16 INCH REMAINING		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430159

County HAYWOOD

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

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
05/05/2017	MARK WADE	
Details		
Span 1 Beam 4 Far Bearing: SPAN 1, BEAM 4 FAR BEARING HAS 1/16 INCH SECTION LOSS		

Structure Data Worksheet

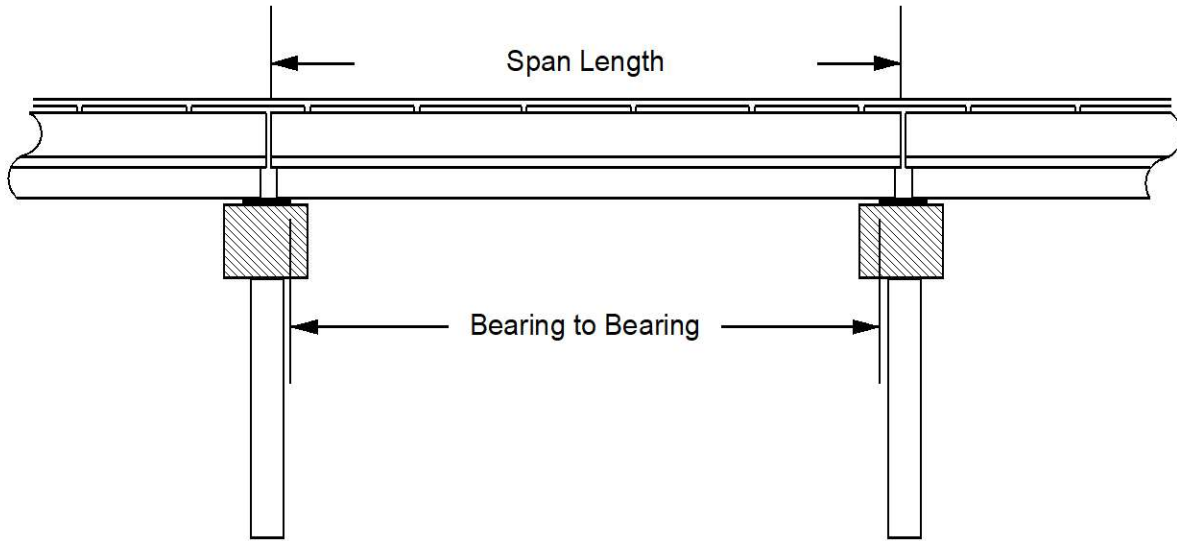
Spans

County: HAYWOOD

Structure No: 430159

Date: 05/08/2017

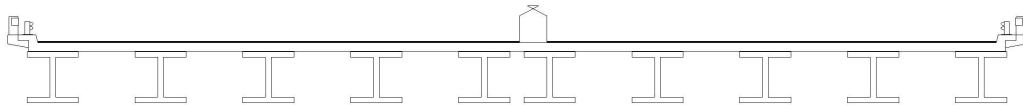
Inspected By: MSW



Span No	Span Length	Bearing to Bearing	Comments
1	37'- 10.9375"	33' 6"	
2	59'- 8.4375"	57' 6"	
3	74'- 4.5"	70' 6"	NBIS BRIDGE LENGTH = 165 FT. 10 IN.

Bridge Inspection Field Sketch

Deck Width/Out to Out	76.333ft	Between Rails			72ft
Clear Roadway	70ft	Wearing Surface			0.083ft
Median Width	2ft	Median Height			2.583ft
Curb Height		Left		Right	
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left	35.167ft	Right	34.833ft
Guardrail Width		Left		Right	
Top of Rail to Deck/Wearing Surface		Left	2.667ft	Right	2.667ft
Bridge Rail		Left	Type 21	Right	Type 21



Measurements for Span #	1		
Deck Thickness	0.646	Left Overhang	2.667
Top of Rail to Bottom of Beam	6.479	Right Overhang	2.667

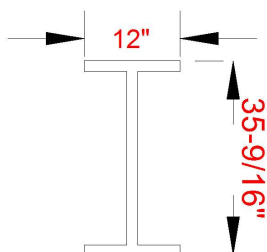
Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8.250ft	
2	Steel I Beam	8.250ft	
3	Steel I Beam	8.250ft	
4	Steel I Beam	8.250ft	
5	Steel I Beam	5.000ft	
6	Steel I Beam	8.250ft	
7	Steel I Beam	8.250ft	
8	Steel I Beam	8.250ft	
9	Steel I Beam	8.250ft	
10	Steel I Beam	ft	

SPAN 1- BEAMS 1 & 10
SPAN 2 BMS. 1,8,10

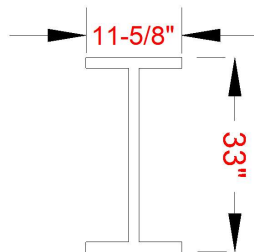
SPAN 1- BEAMS 2 THRU 6
SPAN 2- Bms. 2 THRU 7&9

SPAN 1- BEAMS 7,8 & 9

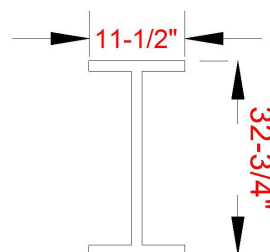
SPAN 3- ALL BEAMS



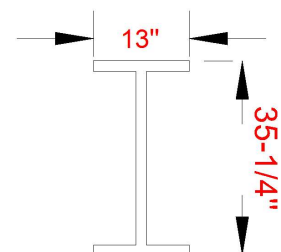
FLANGES = 15/16"
WEB = 5/8"



FLANGES = 9/16"
WEB = 1/2"



FLANGES = 3/4"
WEB = 9/16"
REVISED 5-8-17 MSW



FLANGES = 1"
WEB = 3/4"

REDRAWN 5-20-2015 BY DELVIN ADAMS

Title
SUPERSTRUCTURE

Description
TYPICAL SECTION

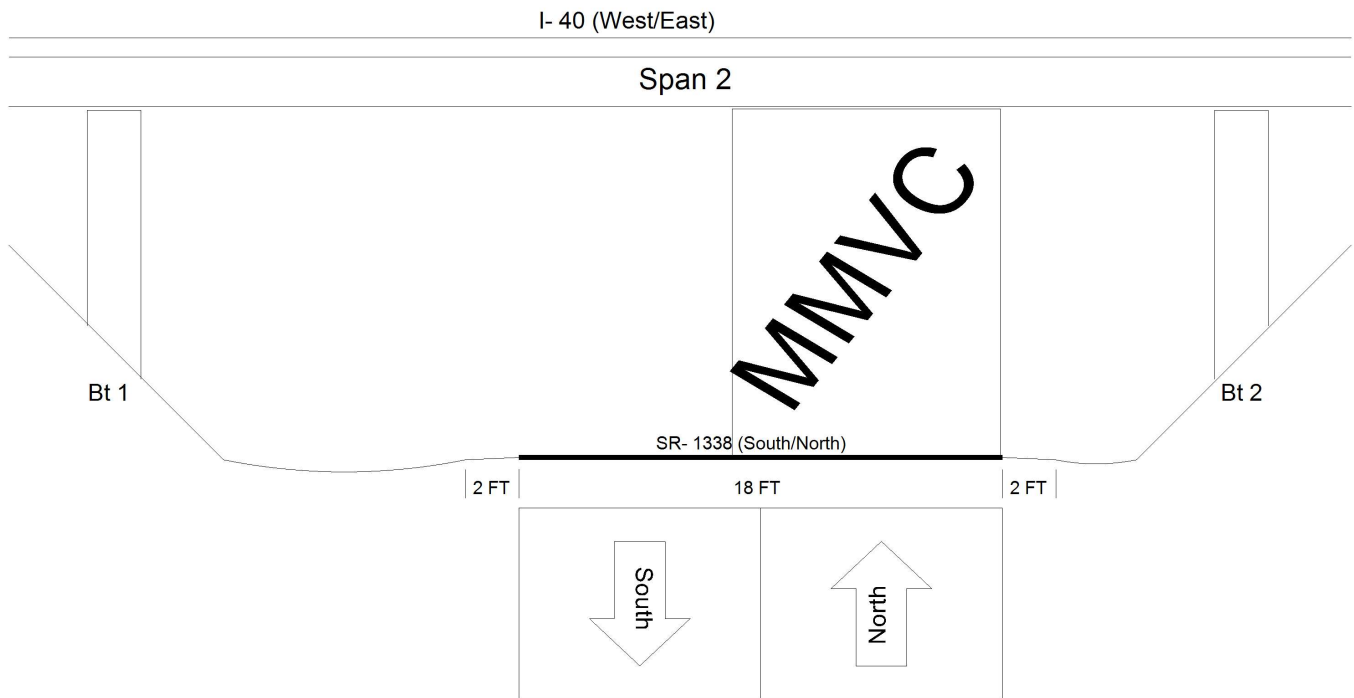
Bridge No: 430159

Drawn By: Roy W. Shook

Date: 08/08/2007

File Name: S0142000001

Bridge Inspection Field Sketch



Roadway 1		Direction of Traffic	North South
Distance to Left Rail		Distance to Right Rail	
Distance to Left Toe of Slope	11FT	Distance to Left Bent	14FT
Distance to Right Toe of Slope	5FT	Distance to Right Bent	9.8FT
MMVC	16 Ft at Beam 10, 10 FT from Right Edge of Roadway		
MVC	15.333 Ft at Beam 10, 0 FT from Left edge of roadway		

REVISED 5-8-17 MSW

VERIFIED 5-20-2015 BY DELVIN ADAMS

Title

SPAN #2 OVER SR-1338

Description

UNDERCLEARANCE

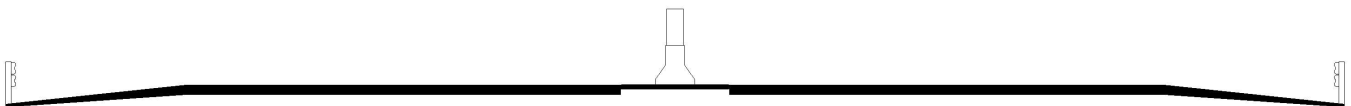
Bridge No: 430159

Drawn By: Roy W. Shook

Date: 08/08/2007

File Name: S0146000002

Bridge Inspection Field Sketch



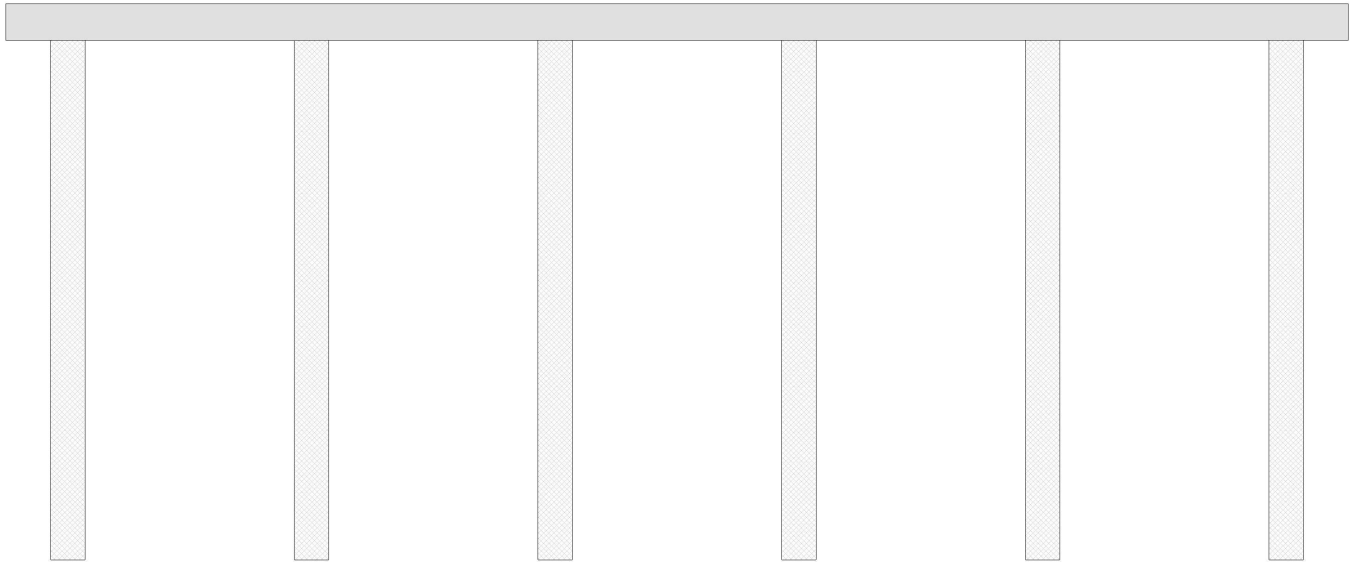
Left Lanes			
Roadway	24ft Wide	2 Paved Lanes	West Bound
Right Shoulder	10.1ft Wide	10ft Paved	0.1ft Unpaved
Left Shoulder	2ft Wide	2ft Paved	
Right Guardrail	10ft from road		
Left Guardrail	2ft from road		
Median	2ft Wide	5.167ft High	
Right Lanes			
Roadway	24ft Wide	2 Paved Lanes	East Bound
Left Shoulder	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 5-8-17 MSW

VERIFIED 5-20-2015 BY DELVIN ADAMS

Title		Description	
APPROACH ROADWAY		LOOKING EAST	
Bridge No:	430159	Drawn By:	Roy W. Shook
Date:	08/08/2007	File Name:	S0146000001

Bridge Inspection Field Sketch



Cap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
97.750 ft.	2.500 ft.	2.667 ft.	4.500 ft.	4.500 ft.	1.833 ft.	1.833 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	17.75 ft.	2.5 ft.	2.5 ft.		Vertical	No	No	No	No
2	Concrete	17.75 ft.	2.5 ft.	2.5 ft.		Vertical	No	No	No	No
3	Concrete	17.75 ft.	2.5 ft.	2.5 ft.		Vertical	No	No	No	No
4	Concrete	17.75 ft.	2.5 ft.	2.5 ft.		Vertical	No	No	No	No
5	Concrete	17.75 ft.	2.5 ft.	2.5 ft.		Vertical	No	No	No	No
6	Concrete		2.5 ft.	2.5 ft.		Vertical	No	No	No	No
VERIFIED 5-8-17 MSW										
Bent/Abutment #: 1 Similar Bents: 2										

Title VERIFIED 5-20-2015 BY DELVIN ADAMS
INTERIOR BENTS

Description
SUBSTRUCTURE DETAILS

Bridge No: 430159

Drawn By: JOE C HUNTSINGER

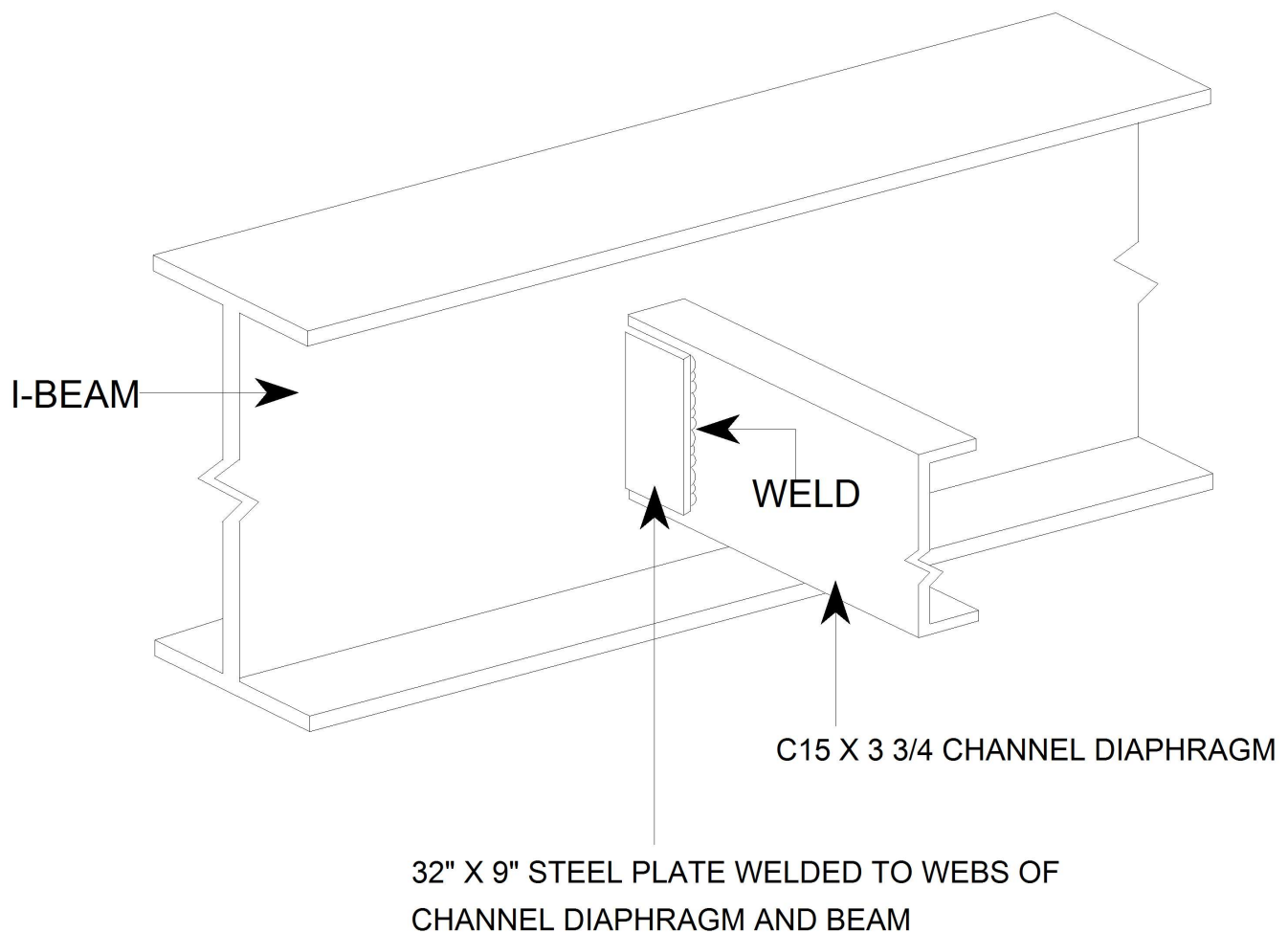
Date: 5/15/2013

File Name: S0106001623

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

LOCATED AT THE 1/3 POINTS OF ALL SPANS



VERIFIED 5-8-17 MSW

VERIFIED 5-20-2015 BY DELVIN ADAMS

Title

INTERMEDIATE DIAPHRAGMS

Description

SUPERSTRUCTURE DETAILS

Bridge No: 430159

Drawn By: JOE C HUNTSINGER

Date: 5/15/2013

File Name: S0106001624