



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION:

**SNOOPER USED; PRIORITY MAINTENANCE - BEAMS
AND BENT 3 COLUMN 1; UPDATES MADE TO
TYPICAL SECTION SKETCH AND BENT SKETCH**

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: HAYWOOD STRUCTURE NUMBER: 430057 FREQUENCY: 24 MONTHS

FACILITY CARRIED: I-40 MILE POST: 6.7

LOCATION: 8.3 MI.W.JCT.SR1338

FEATURE INTERSECTED: USFS RD.& COLD SPRING CR

LATITUDE: 35° 44' 14.51" LONGITUDE: 83° 1' 26.12"

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS(LATEX MODIFIED CONC. OVERLAY)

SUBSTRUCTURE: E.BTS:RC CAPS/H-PILES;INT.BTS:RC P&B,BT:3/PILE FTGS.

SPANS: 3 @ 65'-.125; 1 @ 50'-.125

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

PRESENT CONDITION: Fair INSPECTION DATE: 06/26/2017

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: NONE



LOOKING EAST

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

INSPECTED BY MATTHEW MOYER	SIGNATURE <u>Matthew Moyer</u>	ASSISTED BY BRIAN EGGERTON
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Structure Element Scoring

Structure Number: 430057

Inspection Date 6/26/2017

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	15517	15191	277	49	0
107	0	Steel Open Girder/Beam	Beam	2410	643	1714	53	0
515	107	Steel Protective Coating	Beam	23420	21653	1067	637	63
205	0	Reinforced Concrete Column	Piles and Columns	12	7	2	3	0
215	0	Reinforced Concrete Abutment	Abutments	148	148	0	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	12	12	0	0	0
225	0	Steel Pile	Piles and Columns	18	18	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	337	295	23	19	0
302	0	Compression Joint Seal	Expansion Joints	345	345	0	0	0
311	0	Movable Bearing	Bearing Device	40	0	11	29	0
515	311	Steel Protective Coating	Bearing Device	80	0	0	22	58
313	0	Fixed Bearing	Bearing Device	40	0	24	16	0
515	313	Steel Protective Coating	Bearing Device	80	0	14	34	32
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	249	0	0	249	0
333	0	Other Bridge Railing	Bridge Rail	498	231	191	76	0
515	333	Steel Protective Coating	Bridge Rail	498	498	0	0	0
510	0	Wearing Surface	Wearing Surfaces	13785	7585	0	6200	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 430057

Inspection Date: 06/26/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	37 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	2 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	135 Square Feet
3314	Steel Open Girder/Beam	Corrosion	53 Feet
3348	Reinforced Concrete Column	Exposed Rebar	13 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	2 Each
3348	Reinforced Concrete Column	Delamination/Spall	29 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	34 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	8 Feet
3334	Movable Bearing	Corrosion	29 Each
3334	Fixed Bearing	Corrosion	16 Each
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	249 Feet
3318	Other Bridge Railing	Delamination/Spall	6 Feet
3318	Other Bridge Railing	Cracking (RC and Other)	95 Feet
2816	Wearing Surface	Crack (Wearing Surface)	6200 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1927 Square Feet

Element Structure Maintenance Quantities

Structure Number: 430057

Inspection Date 06/26/2017

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	148	0	0	0	148
Beam	3314	Maintenance Steel Superstructure Components	53	2410	0	53	1714	643
Beam	3342	Clean and Paint Steel	1767	23420	63	637	1067	21653
Bearing Device	3334	Bridge Bearing	45	80	0	45	35	0
Bearing Device	3342	Clean and Paint Steel	160	160	90	56	14	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	350	747	0	325	191	231
Bridge Rail	3342	Clean and Paint Steel	0	498	0	0	0	498
Caps	3348	Maintenance of Concrete Substructure	42	337	0	19	23	295
Deck	3326	Maintenance of Concrete Deck	174	15517	0	49	277	15191
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	345	0	0	0	345
Footing	3348	Maintenance of Concrete Substructure	0	12	0	0	0	12
Piles and Columns	3348	Maintenance of Concrete Substructure	44	12	0	3	2	7
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	18	0	0	0	18
Wearing Surfaces	2816	Asphalt Surface Repair	6200	13785	0	6200	0	7585

Element Condition and Maintenance Data

Structure Number: 430057

Inspection Date: 06/26/2017

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,134	3,971	160	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	18" DIAMETER X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 9, 20 FT. FROM END BENT 1	3	2	2	Square Feet
12	Delamination/Spall	8" X 8" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 3 AT BENT 1	3	1	1	Square Feet
12	Cracking (RC and Other)	80 SF. OF TRANSVERSE HAIRLINE CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK BAYS 1-9	2	80	80	Square Feet
12	Patched Areas	80 SF. OF PATCHED AREAS IN BOTTOM OF DECK BAYS 1-9	2	80		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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	0	63	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	63 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	63		Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	63	63	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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	63	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63		Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63	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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	63	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63			Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63		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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	63	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63			Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63		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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	63	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63			Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63		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	63	0	60	3	0	Feet
515	Steel Protective Coating	623	560	60	0	3	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 1 (PM)	3	3		3	Feet
107	Corrosion	60 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	60			Feet

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515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 1	4	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	60 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	60	60 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	63	0	63	0	0 Feet
515	Steel Protective Coating	623	560	60	3	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	3 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 1	2	3	Feet
107	Corrosion	60 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	60	Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 1	3	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	60 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	60	60 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	63	0	63	0	0 Feet
515	Steel Protective Coating	623	560	63	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63	Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63 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	63	0	63	0	0 Feet
515	Steel Protective Coating	623	560	63	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	63 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	63	Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	63	63 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	63	0	63	0	0	Feet
515	Steel Protective Coating	623	560	0	63	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	63 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	63		Feet
515	Effectiveness (Steel Protective Coatings)	63 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	63	63	Square Feet

General Comments

Span 1

Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	66	0	18	48	0	Feet
515	Steel Protective Coating	66	66	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	Cracking (RC and Other)	12 FT. OF HORIZONTAL CRACKS 1/16" WIDE AT END BENT 1	3	12	12	Feet
333	Cracking (RC and Other)	36 FT. OF HORIZONTAL CRACKS UP TO 1/16" WIDE FROM MIDSPAN TO BENT 1	3	36	36	Feet
333	Distortion	66 FT. OF IMPACT DAMAGE TO METAL RAIL	2	18		Feet

General Comments

Span 1

Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	66	41	25	0	0	Feet
515	Steel Protective Coating	66	66	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	Distortion	25 FT. OF GOUGES UP TO 18" X 3" IN METAL RAIL NEAR BENT 1	2	25		Feet

General Comments

Span 1

Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	66	0	0	66	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	66 FT. OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE	3	66	66	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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 1 Near Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	FRECKLED RUST	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2		Square Feet
General Comments							

Span 1 Far Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/8" OF PACK RUST	3	1	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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311	Corrosion	SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	1/2" OF PACK RUST	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	FRECKLED RUST	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet	
General Comments							

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	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	FRECKLED RUST	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet	

General Comments

Span 1 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	
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313	Corrosion	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet
General Comments						

Span 1 Wearing Surface

Concrete Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	3,657	2,157	0	1,500	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1500 SF. OF LONGITUDINAL, DIAGONAL AND TRANSVERSE CRACKING UP TO 1/16" WIDE	3	1,500	1,500	Square Feet
General Comments						

Span 2 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	4,134	4,106	24	4	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	48" X 8" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 6 AT BENT 2	3	4	4	Square Feet
12	Cracking (RC and Other)	20 SF. OF TRANSVERSE HAIRLINE CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK BAYS 1-9	2	20	20	Square Feet
12	Patched Areas	4 SF. OF PATCHED AREAS IN BOTTOM OF DECK BAYS 1-9	2	4		Square Feet
General Comments						

Span 2 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	65	0	65	0	0 Feet
515	Steel Protective Coating	641	576	0	65	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

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General Comments

Beam 2

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	65	0	0	Square Feet

General Comments

Beam 3

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	65	0	0	Square Feet

General Comments

Beam 4

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	65	0	0	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		65	0	65	0	0 Feet
515	Steel Protective Coating		641	576	65	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	65 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	65		Feet	
515	Effectiveness (Steel Protective Coatings)	65 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	65	65	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	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	65	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	65 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	65		Feet
515	Effectiveness (Steel Protective Coatings)	65 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	65	65	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	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	65	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	65 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	65		Feet
515	Effectiveness (Steel Protective Coatings)	65 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	65	65	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	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	0	65	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	3 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 1	2	3		Feet
107	Corrosion	62 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	62		Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 1	3	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	62 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	62	62	Square Feet

General Comments

Span 2

Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	66	14	25	27	0	Feet
515	Steel Protective Coating	66	66	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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333	Cracking (RC and Other)	15 FT. OF HORIZONTAL CRACKS UP TO 1/16" WIDE AT MIDSPAN	3	15	15 Feet
333	Cracking (RC and Other)	8 FT. OF TRANSVERSE AND HORIZONTAL CRACKS UP TO 1/16" WIDE AT BENT 2	3	8	8 Feet
333	Delamination/Spall	12" X 4" X 2" DEEP SPALL NEAR BENT 1	3	1	1 Feet
333	Delamination/Spall	30" X 4" X 1" DEEP SPALL WITH EXPOSED REBAR AT MIDSPAN	3	3	3 Feet
333	Distortion	25 FT. OF IMPACT DAMAGE TO METAL RAIL	2	25	Feet

General Comments

Span 2 Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	66	46	20	0	0 Feet
515	Steel Protective Coating	66	66	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Cracking (RC and Other)	12 FT. OF TRANSVERSE HAIRLINE CRACKS AND ABRASION WITH EXPOSED COARSE AGGREGATE AT MIDSPAN	2	12	12 Feet
333	Distortion	8 FT. OF GOUGES UP TO 18" X 2" IN METAL RAIL NEAR BENT 1	2	8	Feet

General Comments

Span 2 Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	66	0	0	66	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	66 FT. OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE	3	66	66 Feet

General Comments

Span 2 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	1/4" OF PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 2 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	1/8" OF PACK RUST	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet	
General Comments							

Span 2 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	SURFACE CORROSION	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet	
General Comments							

Span 2 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	SURFACE CORROSION	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet	
General Comments							

Span 2 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	SURFACE CORROSION	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet	

General Comments

Span 2 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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 2 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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 2 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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 2 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	
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General Comments

Movable Bearing

General Comments

Fixed Bearing

General Comments

Movable Bearing

General Comments

Span 2 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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 2 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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 2 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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 2 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	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet

General Comments

Span 2 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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 2 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	SURFACE CORROSION	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2	Square Feet

General Comments

Span 2 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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 2 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	
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311	Corrosion	SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2 Square Feet
General Comments					

Span 2 Wearing Surface

Concrete Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	3,657	2,157	0	1,500	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1500 SF. OF LONGITUDINAL, DIAGONAL AND TRANSVERSE CRACKING UP TO 1/16" WIDE	3	1,500	1,500	Square Feet
General Comments						

Span 3 Deck

Reinforced Concrete Deck

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		4,069	3,987	48	34	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	15 SF. OF HAIRLINE MAP CRACKING IN BOTTOM OF DECK BAYS 1, 8 AND 9	3	15	15	Square Feet
12	Delamination/Spall	10" X 6" X 1" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 3 AT BENT 2	3	1	1	Square Feet
12	Delamination/Spall	12" X 12" SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK NORTH OVERHANG AT BENT 2	3	1	1	Square Feet
12	Delamination/Spall	24" X 9" X 4" DEEP SPALL IN EDGE OF DECK NORTH OVERHANG AT BENT 2	3	2	2	Square Feet
12	Delamination/Spall	36" X 11" X 3" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 8 AT BENT 3	3	3	3	Square Feet
12	Delamination/Spall	36" X 8" X 3" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 1 AT BENT 2	3	3	3	Square Feet
12	Delamination/Spall	78" X 12" X 3" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 7 AT BENT 2	3	7	7	Square Feet
12	Delamination/Spall	8" X 8" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 2 AT BENT 2	3	1	1	Square Feet
12	Exposed Rebar	12" X 12" X 3" DEEP SPALL WITH EXPOSED BROKEN REBAR IN BOTTOM OF SOUTH OVERHANG AT BENT 3	3	1	1	Square Feet
12	Patched Areas	48 SF. OF PATCHED AREAS IN BOTTOM OF DECK BAYS 1-9	2	48		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	65	0	62	3	0	Feet
515	Steel Protective Coating	641	576	0	62	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3	3	3	3	Feet

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107	Corrosion	62 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	62	Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	62 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	62	62 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 1 AT BENT 3

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	65	62	0	3	0 Feet
515	Steel Protective Coating	641	638	0	0	3 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	3	3 Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	3	3 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 2 AT BENT 3

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	65	64	0	1	0 Feet
515	Steel Protective Coating	641	640	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	1	1 Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 3	4	1	1 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 3 AT BENT 3

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	65	59	2	4	0 Feet
515	Steel Protective Coating	641	635	0	2	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	4 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 11/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	4	4 Feet
107	Corrosion	2 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 2	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 2	3	2	2 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 4 AT BENT 3

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	65	57	2	6	0 Feet
515	Steel Protective Coating	641	633	0	2	6 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	6 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 3/4" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	6	6 Feet
107	Corrosion	2 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 2	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	6 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	6	6 Square Feet
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 2	3	2	2 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 5 AT BENT 3

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	65	56	0	9	0 Feet
515	Steel Protective Coating	641	632	0	0	9 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AND 2" X 1/2" HOLE IN BEARING STIFFENER AT BENT 2 (PM)	3	3	3 Feet
107	Corrosion	6 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 7/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	6	6 Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 2	4	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	6 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	6	6 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 6 AT BENT 3

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	65	62	3	0	0 Feet
515	Steel Protective Coating	641	638	0	0	3 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	3 FT. OF CORROSION WITH 13/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3	2	3	Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 3	4	3	3 Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 7 AT BENT 3

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	65	63	2	0	0	Feet
515	Steel Protective Coating	641	639	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	2 FT. OF CORROSION WITH 13/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 3	4	2	2	Square Feet

General Comments

SURFACE CORROSION ON END DIAPHRAGM BAY 8 AT BENT 3

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	65	61	4	0	0	Feet
515	Steel Protective Coating	641	637	0	0	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	4 FT. OF CORROSION WITH 13/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 3	4	4	4	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	65	0	65	0	0	Feet
515	Steel Protective Coating	641	576	0	64	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 3	2	1		Feet
107	Corrosion	64 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	64		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTECTIVE COATING ON WEB AROUND END DIAPHRAGM AT BENT 3	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	64 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	64	64	Square Feet

General Comments

Span 3 Left Bridge Rail**Concrete and Metal Railing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	66	0	65	1	0 Feet
515	Steel Protective Coating	66	66	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
333	Delamination/Spall	12" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR NEAR BENT 3	3	1	1 Feet
333	Cracking (RC and Other)	12 FT. HORIZONTAL CRACK 1/16" WIDE NEAR BENT 2	2	12	12 Feet
333	Delamination/Spall	12" X 8" DELAMINATION IN TOP OF RAIL NEAR BENT 2	2	1	1 Feet
333	Distortion	65 FT. OF IMPACT DAMAGE TO METAL RAIL	2	52	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	66	0	0	66	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	66 FT. OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE	3	66	66 Feet

General Comments

Span 3 Near Bearing**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2 Square Feet

General Comments

Span 3 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	1/2" PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 3 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 3 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	1/2" PACK RUST	3	1	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2		Square Feet
General Comments							

Span 3 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	SURFACE CORROSION	2	1			Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2		Square Feet
General Comments							

Span 3 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		

Inspection Date: 06/26/2017

General Comments

Fixed Bearing

General Comments

Movable Bearing

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Fixed Bearing

General Comments

Span 3 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	1/2" PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 3 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	1/2" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 3 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	1/2" PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 3 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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 3 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	1/8" PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 3 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	1/8" OF PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 3 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	1/8" PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 3 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
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Inspection Date: 06/26/2017

General Comments

Movable Bearing

General Comments

Fixed Bearing

General Comments

Movable Bearing

General Comments

Span 3 Wearing Surface

Concrete Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	3,657	1,657	0	2,000	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	2000 SF. OF LONGITUDINAL, DIAGONAL AND TRANSVERSE CRACKING UP TO 1/16" WIDE	3	2,000	2,000	Square Feet

General Comments

Span 4 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,180	3,127	45	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	22" X 11" X 1" DEEP SPALL IN BOTTOM OF DECK AT END OF BAY 2 AT BENT 3	3	2	2	Square Feet
12	Delamination/Spall	24" X 6" X 3" DEEP SPALL IN BOTTOM OF DECK BAY 9 AT BENT 3	3	2	2	Square Feet
12	Delamination/Spall	30" X 12 X 1" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECKBAY 8 AT BENT 3	3	3	3	Square Feet
12	Exposed Rebar	8" X 8" X 3" DEEP SPALL WITH EXPOSED REBAR WITH 1/4" REMAINING SECTION IN SOUTH OVERHANG AT BENT 3	3	1	1	Square Feet
12	Cracking (RC and Other)	20 SF. OF TRANSVERSE HAIRLINE CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK BAYS 1 AND 6	2	20	20	Square Feet
12	Delamination/Spall	14" X 6" AREA OF DELAMINATION IN BOTTOM OF DECK BAY 6 AT BENT 3	2	1	1	Square Feet
12	Delamination/Spall	48" X 7" AREA OF DELAMINATION IN BOTTOM OF DECK BAY 7 AT BENT 3	2	4	4	Square Feet
12	Patched Areas	20 SF. OF PATCHED AREAS IN BOTTOM OF DECK BAYS 6 AND 8	2	20		Square Feet

General Comments

Span 4 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	0	46	2	0	Feet
515	Steel Protective Coating	437	389	0	46	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	2 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	2	2	Feet
107	Corrosion	46 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	46		Feet
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE AT BENT 3	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	46 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	46	46	Square Feet

General Comments

Span 4 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	0	44	4	0 Feet
515	Steel Protective Coating	437	389	0	44	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	4	4 Feet
107	Corrosion	44 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	44	Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	44 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	44	44 Square Feet

General Comments

Span 4 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	0	44	4	0 Feet
515	Steel Protective Coating	437	389	0	44	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	4	4 Feet
107	Corrosion	44 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	44	Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	44 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	44	44 Square Feet

General Comments

Span 4 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	0	43	5	0 Feet
515	Steel Protective Coating	437	389	43	0	5 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	5	5 Feet
107	Corrosion	43 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	43	Feet
515	Effectiveness (Steel Protective Coatings)	5 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	5	5 Square Feet
515	Effectiveness (Steel Protective Coatings)	43 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	43	43 Square Feet

General Comments

Span 4

Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	0	43	5	0 Feet
515	Steel Protective Coating	437	389	43	0	5 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	5	5 Feet
107	Corrosion	43 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	43	Feet
515	Effectiveness (Steel Protective Coatings)	5 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	5	5 Square Feet
515	Effectiveness (Steel Protective Coatings)	43 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	43	43 Square Feet

General Comments

Span 4

Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	0	44	4	0 Feet
515	Steel Protective Coating	437	389	0	44	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	3	4	4 Feet
107	Corrosion	44 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	44	Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT BENT 3	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	44 SF. OF INEFFECTIVE PROTECTIVE COATING ON BOTTOM FLANGE	3	44	44 Square Feet

General Comments

Span 4

Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	48	23	25	0	0 Feet
515	Steel Protective Coating	437	412	25	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	25 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	25	Feet
515	Effectiveness (Steel Protective Coatings)	25 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	25	25 Square Feet

General Comments

Span 4

Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	0	48	0	0	Feet
515	Steel Protective Coating	437	389	43	5	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF SURFACE CORROSION ON LOWER WEB AND BOTTOM FLANGE AT END BENT 2	2	1		Feet
107	Corrosion	4 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 3	2	4		Feet
107	Corrosion	43 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	43		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT END BENT 2	3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	4 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 3	3	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	43 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	43	43	Square Feet

General Comments

Span 4

Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	19	29	0	0	Feet
515	Steel Protective Coating	437	408	25	4	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF SURFACE CORROSION ON LOWER WEB AND BOTTOM FLANGE AT END BENT 2	2	1		Feet
107	Corrosion	25 FT. OF FRECKLED RUST ON FLANGES AND WEB	2	25		Feet
107	Corrosion	3 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 3	2	3		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTECTIVE COATING ON LOWER WEB AND BOTTOM FLANGE AT END BENT 2	3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 3	3	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	25 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING ON FLANGES AND WEB	2	25	25	Square Feet

General Comments

Span 4

Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	0	48	0	0	Feet
515	Steel Protective Coating	437	389	0	48	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	3 FT. OF SURFACE CORROSION ON FLANGES AND WEB AT BENT 3	2	3		Feet
107	Corrosion	45 FT. OF SURFACE CORROSION ON BOTTOM FLANGE	2	45		Feet
515	Effectiveness (Steel Protective Coatings)	3 SF. OF INEFFECTIVE PROTECTIVE COATING ON FLANGES AND WEB AT BENT 3	3	3	3	Square Feet

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General Comments

Concrete and Metal Railing

General Comments

Concrete and Metal Railing

General Comments

Concrete Railing

General Comments

Movable Bearing

General Comments

Span 4 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/2" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/2" OF PACK RUST	3	1	1	Each

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General Comments

Fixed Bearing

515	Steel Protective Coating	2	0	0	2	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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General Comments

Fixed Bearing

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

Span 4 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Near Bearing**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Far Bearing**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF LIMITED EFFECTIVENESS OF PROTECTIVE COATING	2	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 4 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	3	2	2 Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet

General Comments

Span 4 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	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
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313	Corrosion	1/8" OF PACK RUST	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2 Square Feet
General Comments					

Span 4	Near Bearing
Movable Bearing	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet
General Comments						

Span 4	Far Bearing
Fixed Bearing	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet
General Comments						

Span 4	Near Bearing
Movable Bearing	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	1/4" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet
General Comments						

Span 4 Far Bearing**Fixed Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	1/8" OF PACK RUST	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	2 SF. OF INEFFECTIVE PROTECTIVE COATING	4	2	2	Square Feet

General Comments

Span 4 Wearing Surface**Concrete Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,814	1,614	0	1,200	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1200 SF. OF LONGITUDINAL, DIAGONAL AND TRANSVERSE CRACKING UP TO 1/16" WIDE	3	1,200	1,200	Square Feet

General Comments

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	74	73	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	10" VERTICAL HAIRLINE CRACK UNDER BAY 3	2	1	1	Feet

General Comments

Bent 1 Reinforced Concrete Pier Cap 1**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	63	56	2	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	16" DIAMETER X 2" DEEP SPALL WITH EXPOSED REBAR IN WEST FACE UNDER BAY 4	3	2	2	Feet
234	Delamination/Spall	33" X 33" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF CAP BETWEEN COLUMN 3 AND 4	3	3	3	Feet
234	Delamination/Spall	18" X 2" DELAMINATION IN WEST FACE UNDER BAY 6	2	2	2	Feet

General Comments

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	63	36	15	12	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	6 FT. HORIZONTAL CRACK 1/16" WIDE IN EAST FACE UNDER BAY 8	3	6	6 Feet
234	Delamination/Spall	30" X 4" X 4" DEEP SPALL WITH EXPOSED REBAR IN WEST FACE UNDER BAY 6	3	3	3 Feet
234	Delamination/Spall	36" X 33" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF CAP BETWEEN COLUMN 1 AND 2	3	3	3 Feet
234	Delamination/Spall	102" X 20" DELAMINATION IN WEST FACE UNDER BAYS 5 AND 6	2	9	9 Feet
234	Delamination/Spall	30" X 8" DELAMINATION IN EAST FACE UNDER BAY 8	2	3	3 Feet
234	Delamination/Spall	30" X 9" DELAMINATION IN WEST FACE UNDER BAY 7	2	3	3 Feet

General Comments

5 SF. OF CRACKING IN STRUT BETWEEN COLUMN 2 AND 3

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	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	16" DIAMETER X 1/2" DEEP SPALL WITH EXPOSED REBAR IN SOUTH FACE	3		2 Each
205	Delamination/Spall	24" X 12" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER	3	1	2 Each

General Comments

Bent 2 Reinforced Concrete Column 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	42" X 10" DELAMINATION IN WEST FACE NEAR TOP OF COLUMN	2	1	4 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	74	73	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Cracking (RC and Other)	10" VERTICAL HAIRLINE CRACK UNDER BAY 9	2	1	1 Feet

General Comments

Bent 3 Reinforced Concrete Pier Cap 1**Reinforced Concrete Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	63	57	4	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
234	Delamination/Spall	18" X 14" X 2" DEEP SPALL WITH EXPOSED REBAR IN WEST FACE UNDER BAY 1	3	2	2 Feet
234	Delamination/Spall	16" X 6" AREA OF DELAMINATION IN WEST FACE UNDER BEAM 8	2	2	2 Feet
234	Delamination/Spall	26" X 5" AREA OF DELAMINATION IN WEST FACE UNDER BAY 1	2	2	2 Feet

General Comments

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

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	12" X 6" X 2" DEEP SPALL IN NORTHEAST CORNER	3		1 Each
205	Delamination/Spall	17" DIAMETER X 1" DEEP SPALL IN NORTH FACE	3		2 Each
205	Delamination/Spall	82" X 13" AREA OF DELAMINATION IN NORTHWEST CORNER	3		7 Each
205	Exposed Rebar	5 FT. X 10" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHWEST CORNER (PM)	3	1	5 Each
205	Exposed Rebar	8 FT. X 12" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHEAST CORNER (PM)	3		8 Each

General Comments

Bent 3 Reinforced Concrete Column 2**Reinforced Concrete Column**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Delamination/Spall	22" X 12" X 1" DEEP SPALL AT BOTTOM OF NORTHWEST CORNER	3		1 Each
205	Delamination/Spall	84" X 14" AREA OF DELAMINATION IN WEST FACE	2	1	8 Each

General Comments

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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	Cracking (RC and Other)	24" VERTICAL CRACK 1/16" WIDE AT BOTTOM OF NORTH FACE	3			2 Each
205	Delamination/Spall	18" DIAMETER X 1" DEEP SPALL IN NORTH FACE	3	1		2 Each
General Comments						

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4134
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	63
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 1	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	66
Span 1	Expansion Joint	Compression Seal	Compression Joint Seal	69
Span 1	Wearing Surface	Concrete Wearing Surface	Wearing Surface	3657
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4134
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	65
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	65

Elements Verified

[illegible]

Elements Verified

Location	Name	Component	Element Name	Amount
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3180
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	48
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	48
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 4	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 4	Expansion Joint	Compression Seal	Compression Joint Seal	69
Span 4	Expansion Joint	Compression Seal	Compression Joint Seal	69
Span 4	Wearing Surface	Concrete Wearing Surface	Wearing Surface	2814
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verified

Location	Name	Component	Element Name	Amount
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
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	74
End Bent 1		Reinforced Concrete Abutment	Reinforced Concrete Abutment	74
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
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	74
End Bent 2		Reinforced Concrete Abutment	Reinforced Concrete Abutment	74
Bent 3		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	63
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 430057

Inspection Date: 06/26/2017

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	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	15580	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		O		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	20		
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	18
Traffic Control Time	Hours	4
Snooper Time	Hours	4
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: 430057

Inspection Date: 06/26/2017

Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
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Details SEE ELEMENT ITEMS FOR DETAILS

Item	Snooper Used	Grade	Y	Maint Code	Qty.	0
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Details ASPEN AERIAL A-62

Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	15580
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Details SAND AND GRAVEL ALONG EASTBOUND MEDIAN SHOULDER AND SOUTH SHOULDER



Span 3 Beam 1: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Bent 3 Pile 1: 5 FT. X 10" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHWEST CORNER (PM)



Bent 3 Pile 1: 82" X 13" AREA OF DELAMINATION ON NORTHWEST CORNER



Bent 3 Pile 1: 8 FT. X 12" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHEAST CORNER (PM)



Span 3 Beam 2: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 3 Beam 3: 1 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 3 Beam 4: 4 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 11/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Bent 3 Pile 2: 84" X 14" AREA OF DELAMINATION ON WEST FACE



Span 3 Beam 5: 6 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 3/4" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 3 Beam 6: 6 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 7/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 3 Beam 7: 3 FT. OF CORROSION WITH 13/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3



Span 3 Deck: 36" X 11" X 3" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 8 AT BENT 3



Span 3 Beam 10: 1 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 3



Span 1 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 1 (PM)



Span 3 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AND 2" X 1/2" HOLE IN BEARING STIFFENER AT BENT 2 (PM)



Span 4 Beam 1: 2 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 4 Beam 2: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 4 Beam 3: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 4 Beam 4: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 4 Beam 5: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 4 Beam 6: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)



Span 1 Deck: 80 SF. OF TRANSVERSE HAIRLINE CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK BAYS 1-9



Span 1 Deck: 80 SF. OF PATCHED AREAS IN BOTTOM OF DECK BAYS 1-9



End Bent 2 Cap 1: 10" VERTICAL HAIRLINE CRACK UNDER BAY 9



Span 3 Deck: 24" X 9" X 4" DEEP SPALL IN EDGE OF DECK NORTH OVERHANG AT BENT 2



SAND AND GRAVEL ALONG EASTBOUND MEDIAN SHOULDER



VEGETATION OVERGROWTH AT BENT 1 CAP NORTH OVERHANG



Span 1 Left Bridge Rail: 66 FT. OF IMPACT DAMAGE TO METAL RAIL



Span 2 Left Bridge Rail: 25 FT. OF IMPACT DAMAGE TO METAL RAIL



Span 3 Left Bridge Rail: 65 FT. OF IMPACT DAMAGE TO METAL RAIL



Span 4 Left Bridge Rail: 35 FT. OF IMPACT DAMAGE TO METAL RAIL



Span 4 Right Bridge Rail: 3 FT. OF GOUGES UP TO 18" X 3" IN METAL RAIL AT BENT 3



Span 1 Deck: 18" DIAMETER X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF DECK BAY 9, 20 FT. FROM END BENT 1



Bent 2 Cap 1: 36" X 33" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF CAP BETWEEN COLUMN 1 AND 2



Bent 2 Pile 1: 24" X 12" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER



Bent 2 Cap 1: 30" X 4" X 4" DEEP SPALL WITH EXPOSED REBAR IN WEST FACE UNDER BAY 6



Bent 2 Cap 1: 102" X 20" DELAMINATION IN WEST FACE UNDER BAYS 5 AND 6



Bent 1 Cap 1: 33" X 33" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF CAP BETWEEN COLUMN 3 AND 4



TYPICAL JOINT, JOINT AT END BENT 2 SHOWN



LOOKING EAST



END BENT 1



BENT 1, BENTS 2 AND 3 SIMILAR



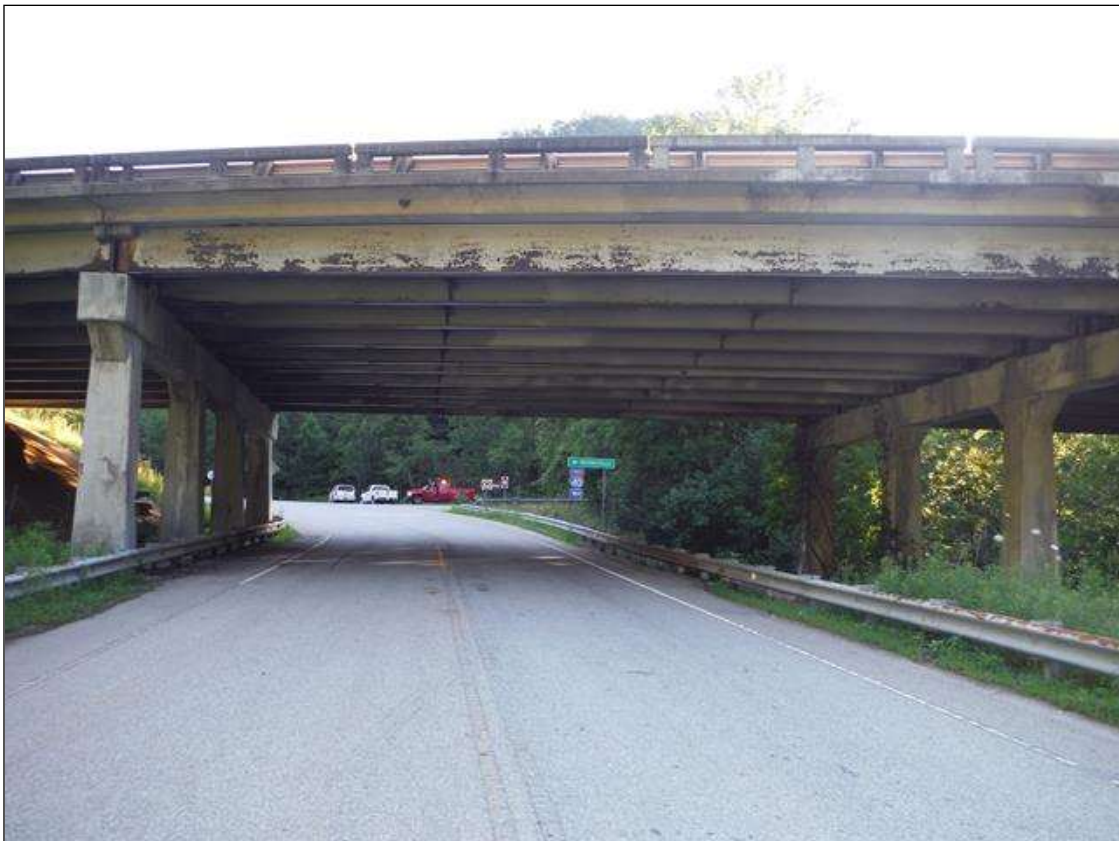
END BENT 2



TYPICAL SUPERSTRUCTURE, SPAN 4 SHOWN



LOOKING NORTH



SPAN 3 UNDERCLEARANCE LOOKING SOUTH



NORTH PROFILE



LOOKING SOUTH



SOUTH PROFILE



VERTICAL CLEARANCE SIGN AT SOUTHEAST CORNER



LOOKING WEST



SOUTH BRIDGE RAIL, NORTH BRIDGE RAIL SIMILAR



MEDIAN BRIDGE RAIL



GUARDRAIL TO BRIDGE RAIL TRANSITION AT NORTHEAST CORNER, SOUTHWEST CORNER SIMILAR



GUARDRAIL END TREATMENT AT NORTHEAST CORNER



GUARDRAIL END TREATMENT AT SOUTHWEST CORNER

Run Date: 10/26/2017

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	430057	SUFFICIENCY RATING =	53.87	
(8) STRUCTURE NUMBER(FEDERAL)	000000000870057		STATUS =	Not Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON	11000400				
(2) STATE HIGHWAY DEPARTMENT DISTRICT	2		CLASSIFICATION	CODE	
(3) COUNTY CODE 87 (4) PLACE CODE	0		(112)NBIS BRIDGE SYSTEM -	YES	
(6) FEATURE INTERSECTED - USFS RD.& COLD SPRING CR			(104)HIGHWAY SYSTEM Is on the NHS	1	
(7) FACILITY CARRIED I-40			(26) FUNCTIONAL CLASS - Arterial - Interstate	01	
(9) LOCATION 8.3 MI.W.JCT.SR1338			(100)STRAHNET HIGHWAY - Interstate STRAHNET Route	1	
(11)MILEPOINT	6.7		(101)PARALLEL STRUCTURE - No Parallel Structure	N	
(16)LAT 35° 44' 14.51" (17)LONG 83° 1' 26.12"			(102)DIRECTION OF TRAFFIC - 2-way Traffic	2	
(98)BORDER BRIDGE STATE CODE	PCT SHARE		(103)TEMPORARY STRUCTURE -		
(99)BORDER BRIDGE STRUCTURE NO			(110)DESIGNATED NATIONAL NETWORK - On the National Network	1	
STRUCTURE TYPE AND MATERIAL			(20) TOLL On Free Road	3	
(43) STRUCTURE TYPE MAIN: Steel			(31) MAINTAIN - State Highway Agency	01	
TYPE - Stringer Mutlibeam or Girder	CODE	302	(22) OWNER - State Highway Agency	01	
(44) STRUCTURE TYPE APPR :			(37) HISTORICAL SIGNIFICANCE - Not Eligible	5	
TYPE -	CODE	000	CONDITION	CODE	
(45) NUMBER OF SPANS IN MAIN UNIT	4		(58) DECK	5	
(46) NUMBER OF APPROACH SPANS			(59) SUPERSTRUCTURE	5	
(107)DECK STRUCTURE TYPE - 1	CODE		(60) SUBSTRUCTURE	5	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :			(61) CHANNEL & CHANNEL PROTECTION	7	
(A) TYPE OF WEARING SURFACE -	CODE		(62) CULVERTS	N	
(B) TYPE OF MEMBRANE -	CODE		LOAD RATING AND POSTING	CODE	
(C) TYPE OF DECK PROTECTION -	CODE		(31) DESIGN LOAD HS 20 + MOD	6	
AGE AND SERVICE			(63) OPERATING RATING METHOD - Load Factor	1	
(27) YEAR BUILT	1965		(64) OPERATING RATING - HS-43	78	
(106)YEAR RECONSTRUCTED	2011		(65) INVENTORY RATING METHOD - Load Factor	1	
(42) TYPE OF SERVICE : ON - Highway			(66) INVENTORY RATING - HS-26	46	
UNDER - Highway - Waterway	CODE	16	(70) BRIDGE POSTING - No Posting Required	5	
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE	2		(41) STRUCTURE OPEN, POSTED ,OR CLOSED	A	
(29) AVERAGE DAILY TRAFFIC	21000		DESCRIPTION - Open, No Restriction		
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT	23%		APPRAISAL	CODE	
(19) BYPASS OR DETOUR LENGTH	40 MI		(67) STRUCTURAL EVALUATION	5	
GEOMETRIC DATA			(68) DECK GEOMETRY	4	
(48) LENGTH OF MAXIMUM SPAN	63 FT		(69) UNDERCLEARANCES,VERTI & HORIZ	4	
(49) STRUCTURE LENGTH	245 FT		(71) WATERWAY ADEQUACY	7	
(50)CURB OR SIDEWALK: LEFT 1 FT RIGHT	1 FT		(72) APPROACH ROADWAY ALIGNMENT	8	
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	56.25 FT		(36) TRAFFIC SAFETY FEATURES	1111	
(52) DECK WIDTH OUT TO OUT	63.583 FT		(113)SCOUR CRITICAL BRIDGES	8	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	72 FT		PROPOSED IMPROVEMENTS	CODE	
(33) BRIDGE MEDIAN - No Median	CODE	2	(75) TYPE OF WORK -	CODE	
(34) SKEW 18° (35) STRUCTURE FLARED	0		(76) LENGTH OF STRUCTURE IMPROVEMENT		
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT		(94) BRIDGE IMPROVEMENT COST		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	56.25 FT		(95) ROADWAY IMPROVEMENT COST		
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT		(96) TOTAL PROJECT COST		
(54) MIN VERT UNDERCLEAR REF Highway	14.25 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE		
(55) MIN LAT UNDERCLEAR RT REF Highway	6.3 FT		(114)FUTURE ADT 42000 (115) YEAR FUTURE ADT	2025	
(56) MIN LAT UNDERCLEAR LT REF -	0 FT		INSPECTIONS		
NAVIGATION DATA			(90) INSPECTION DATE	06/26/2017	
(38) NAVIGATION CONTROL - No Navigational Control	CODE	0	(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE	
(111)PIER PROTECTION -	CODE		A) FRACTURE CRIT DETAIL - NO	A)	
(39) NAVIGATION VERTICAL CLEARANCE	0		B) UNDERWATER INSP - NO	B)	
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT		C) OTHER SPECIAL INSP NO	C)	
(40) NAVIGATION HORIZONTAL CLEARANCE	0 FT		SCOUR		

Structure No: 430057

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
3	USFS ROAD	80000000	14.25		0			9	2	10	2009	33.5	H	14.25	6.3		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: 10/26/2017

COUNTY : HAYWOOD DIVISION : 14 DISTRICT : 2 STRUCTURE NUMBER : 430057 LENGTH : 245 FEET

ROUTE CARRIED : I-40 FEATURE INTERSECTED : USFS RD.& COLD SPRING CR

LOCATED : 8.3 MI.W.JCT.SR1338 BRIDGE NAME : CITY :

FUNC. CLASS : 01 SYST.ON : FA SYST.UNDER : NFA ADT & YR : 21000 2015 RAIL TYPE : LT 713 RT 713

BUILT : 1965 BY : SHC PROJ : 8.19456 FED.AID PROJ : I-40-1(13)6 DESIGN LOAD : HS 20 + MOD

REHAB : 2011 BY : DOH PROJ : 45438.3.21 ALIGNMENT : RT SKEW : 72 LANES : ON 4 UNDER 2

NAVIGATION : VC 0 FT HC 0 FT HT. CRN. TO BED : 42 FT WATER DEPTH : 3 FT

SUPERSTRUCTURE : REINFORCED CONCRETE FLOOR ON I-BEAMS(LATEX MODIFIED CONC. OVERLAY)

SUBSTRUCTURE : E.BTS:RC CAPS/H-PILES;INT.BTS:RC P&B,BT:3/PILE FTGS.

SPANS : 3 @ 65'-.125; 1 @ 50'-.125

BEAMS OR GIRDERS : SPNS1,2&3:10 LNS 36 I-BMS;SPN4:10 LNS 33 I-BMS@VAR.CENTERS

FLOOR : 10 RC/NO AWS ENCROACHMENT : DECK (OUT TO OUT) : 63.583 FT

CLEAR ROADWAY : 56.25 FT BETWEEN RAILS : 58.25 FT SIDEWALK OR CURB : LT 1 FT RT 1 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-26 OPE.RTG. : HS-43 CONTR.MEMBER : IB#9-SpD 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
3	USFS ROAD	14.25	14.25	33.50	0	6.30

Note: All measurements are in feet.

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430057

County HAYWOOD

Date: 06/26/2017

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 1 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 1 (PM)	
 3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AND 2" X 1/2" HOLE IN BEARING STIFFENER AT BENT 2 (PM)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 1: 2 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	4	Span 4 Beam 2: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	4	Span 4 Beam 3: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	5	Span 4 Beam 4: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 2: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: 1 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3314	Maintain Steel Superstructure Components	LF	6	Span 3 Beam 6: 6 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 7/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
 3348	Maintain Concrete Substructure Components	LF	5	Bent 3 Pile 1: 5 FT. X 10" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHWEST CORNER (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430057

County HAYWOOD

Date: 06/26/2017

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	8	Bent 3 Pile 1: 8 FT. X 12" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHEAST CORNER (PM)	
3314	Maintain Steel Superstructure Components	LF	5	Span 4 Beam 5: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
3314	Maintain Steel Superstructure Components	LF	4	Span 4 Beam 6: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 1: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 4: 4 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 11/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	
3314	Maintain Steel Superstructure Components	LF	6	Span 3 Beam 5: 6 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 3/4" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 1 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 1 (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 6: 3 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AND 2" X 1/2" HOLE IN BEARING STIFFENER AT BENT 2 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 1: 2 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 2: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 3: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 4: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 9/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 2: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 3: 1 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 6: 6 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 7/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

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:
06/29/2017	MATTHEW MOYER	
Details		
Bent 3 Pile 1: 5 FT. X 10" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHWEST CORNER (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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:
06/29/2017	MATTHEW MOYER	
Details		
Bent 3 Pile 1: 8 FT. X 12" X 4" DEEP SPALL WITH EXPOSED REBAR WITH 1 1/2" REMAINING SECTION IN SOUTHEAST CORNER (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 5: 5 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 4 Beam 6: 4 FT. OF CORROSION WITH 1/2" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

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:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 1: 3 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 5/8" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430057

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	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 4: 4 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 11/16" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
06/28/2017	MATTHEW MOYER	
Details		
Span 3 Beam 5: 6 FT. OF CORROSION WITH 9/16" REMAINING SECTION IN LOWER WEB AND 3/4" REMAINING SECTION IN BOTTOM FLANGE AT BENT 3 (PM)		

Structure Data Worksheet

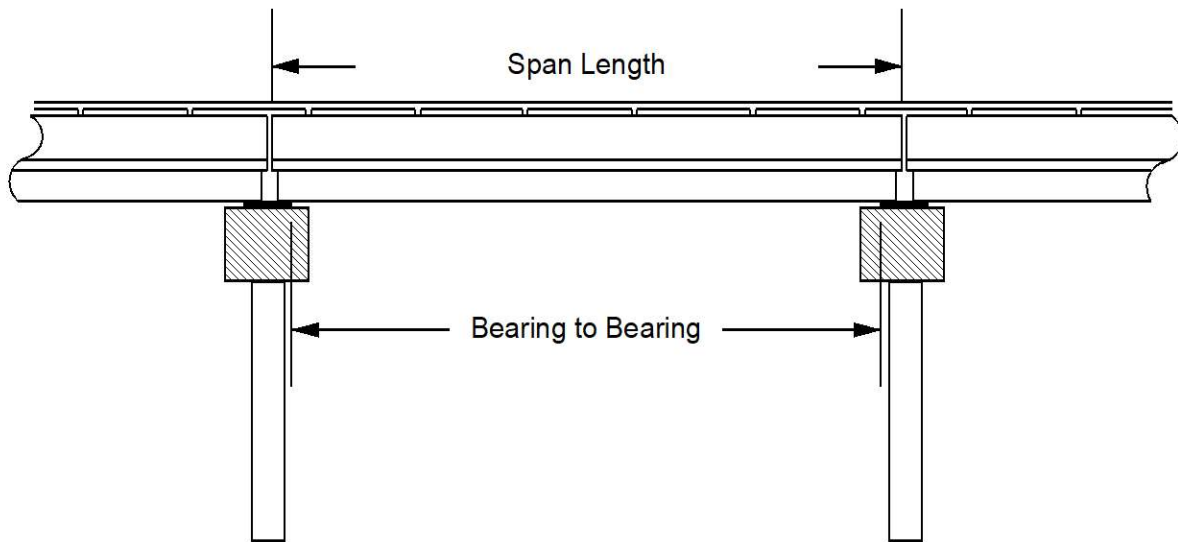
Spans

County: HAYWOOD

Structure No: 430057

Date: 06/26/2017

Inspected By: MJM



Span No	Span Length	Bearing to Bearing	Comments
1	65'- 0 1/8"	63' 1"	MEASUREMENTS VERIFIED 6/26/2017 BY MJM
2	65'- 0 1/8"	63' 5"	
3	65'- 0 1/8"	63' 5"	
4	50'- 0 1/8"	47' 3"	NBIS = 240'-11"
SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 430057 County: HAYWOOD Date: 06/26/2017 By: MJM

Record sounding from top of rail. Other location if needed: _____

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

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.7	TOP OF WINGWALL			
2	6.3	Top of Cap			
2.1	8	END BENT 1	2.1	8.4	END BENT 1
37	20				
64.5	41.2	BENT 1	64.5	42.2	BENT 1
66.5	43.6	Water Surface/Water Edge (WSWE)			
72	44.8				
80	44.9	Water Surface/Water Edge (WSWE)			
131	32.9	BENT 2	131	35	BENT 2
161	21.5				
187	21.5				
196	21.9	BENT 3	196	25.7	BENT 3
217	16				
243	7.1	END BENT 2	243	7.2	END BENT 2
244.5	6.3	Top of Cap			
245	2.7	TOP OF WINGWALL			

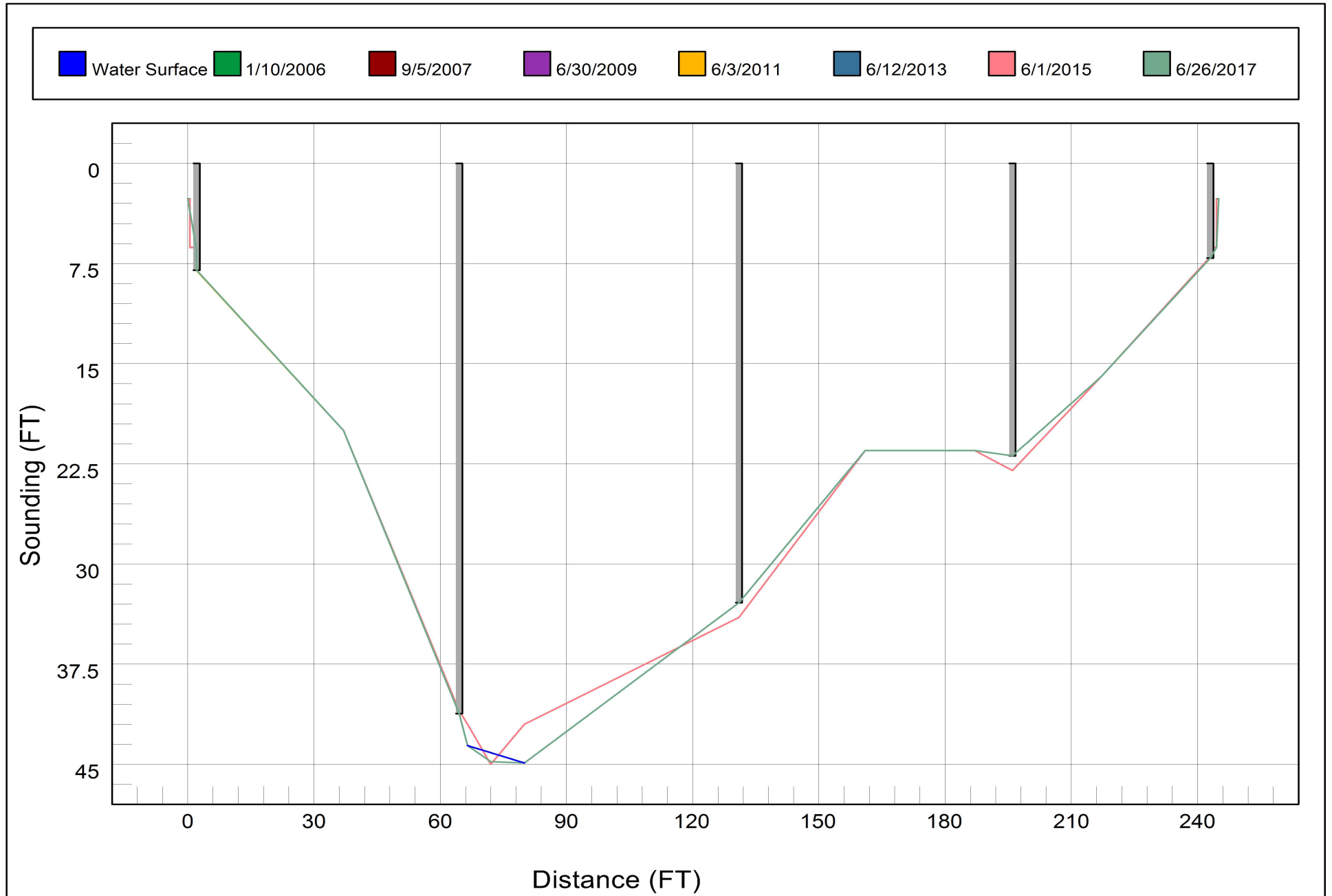
Bridge: 430057

County HAYWOOD

Date: 06/26/2017

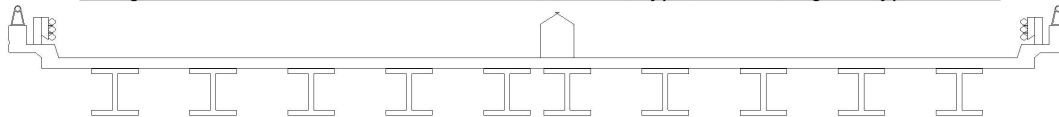
STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



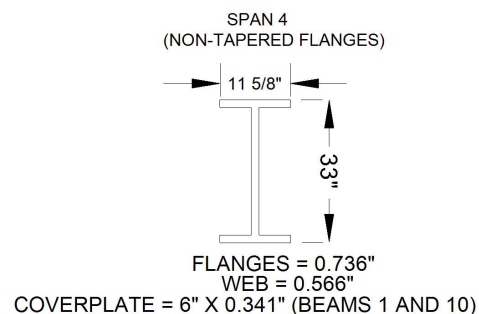
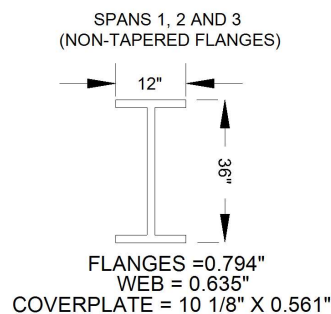
Bridge Inspection Field Sketch

Deck Width/Out to Out	63.583ft	Between Rails	58.25ft
Clear Roadway	56.25ft	Wearing Surface	0ft
Median Width	2ft	Median Height	2.667ft
Curb Height		Left	0.667ft
Sidewalk Width		Right	0.667ft
Clear Roadway (Rail to Median)		Left	28.25ft
Guardrail Width		Right	28ft
Top of Rail to Deck/Wearing Surface		Left	2.667ft
Bridge Rail		Right	2.667ft
		Left	Type 9
		Right	Type 9



Measurements for Span #	1		
Deck Thickness	.625	Left Overhang	3.750
Top of Rail to Bottom of Beam	6.291	Right Overhang	3.750

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.5ft	
2	Steel I Beam	6.5ft	
3	Steel I Beam	6.5ft	
4	Steel I Beam	6.5ft	
5	Steel I Beam	4ft	
6	Steel I Beam	6.5ft	
7	Steel I Beam	6.5ft	
8	Steel I Beam	6.5ft	
9	Steel I Beam	6.5ft	
10	Steel I Beam	ft	



MEASUREMENTS UPDATED 6/26/2017 BY MJM

Title

Typical Section

Description

Data Worksheet

Bridge No: 430057

Drawn By: Roy W. Shook

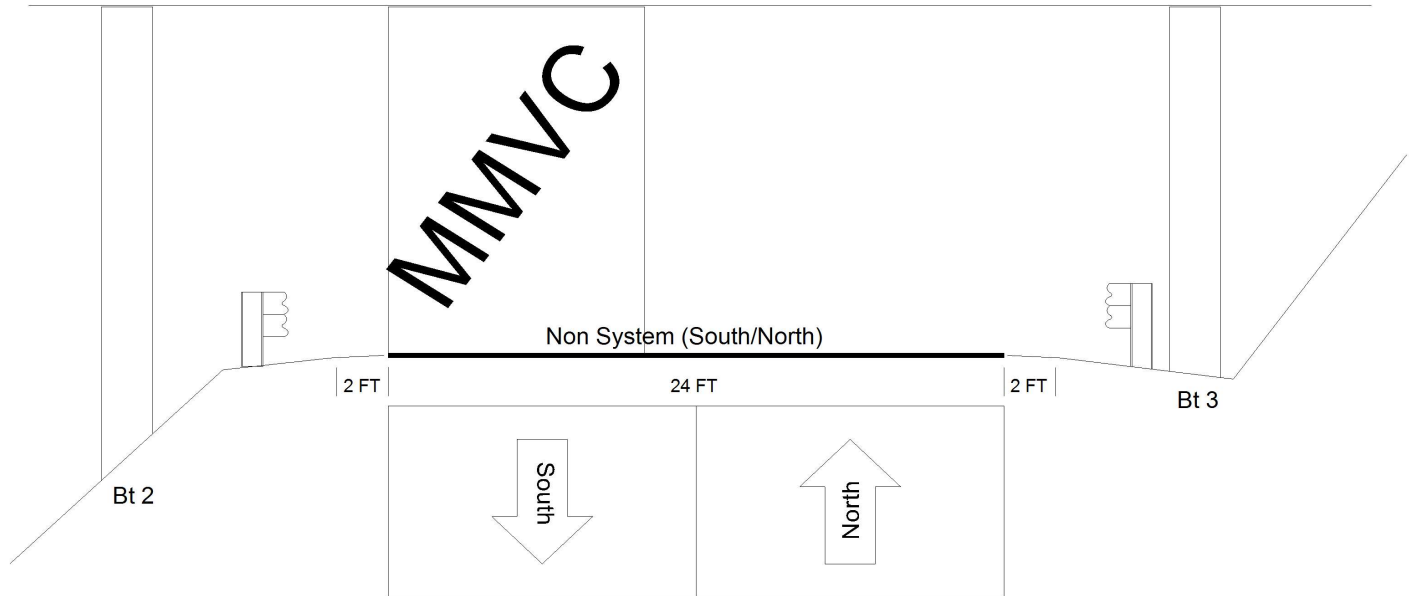
Date: 09/05/2007

File Name: S0106000449

Bridge Inspection Field Sketch

I- 40 (West/East)

Span 3

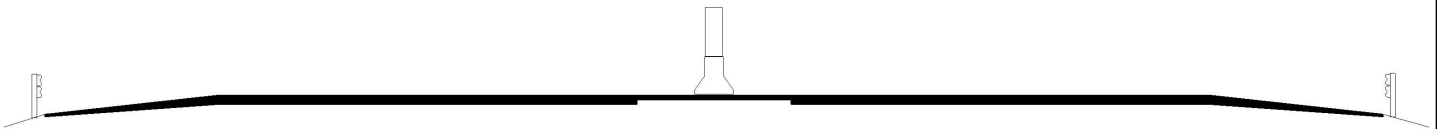


Roadway 1		Direction of Traffic	North South
Distance to Left Rail	4.7FT	Distance to Right Rail	4.8FT
Distance to Left Toe of Slope	6FT	Distance to Left Bent	27.3FT
Distance to Right Toe of Slope		Distance to Right Bent	6.3FT
MMVC	14.25 Ft at Beam 10, 10 FT from Left Edge Of Roadway		
MVC	14.25 Ft at Beam 10, 0 FT from Right Edge Of Roadway		

MEASUREMENTS VERIFIED 6/26/2017 BY MJM

Title		Description	
Underclearance		Data Worksheet	
Bridge No: 430057	Drawn By: Roy W. Shook	Date: 09/06/2007	File Name: S0106000450

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	10.1ft from road		
Left Guardrail	2ft from road		
Median	4.833ft Wide		
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	10.1ft from road		

MEASUREMENTS VERIFIED 6/26/2017 BY MJM

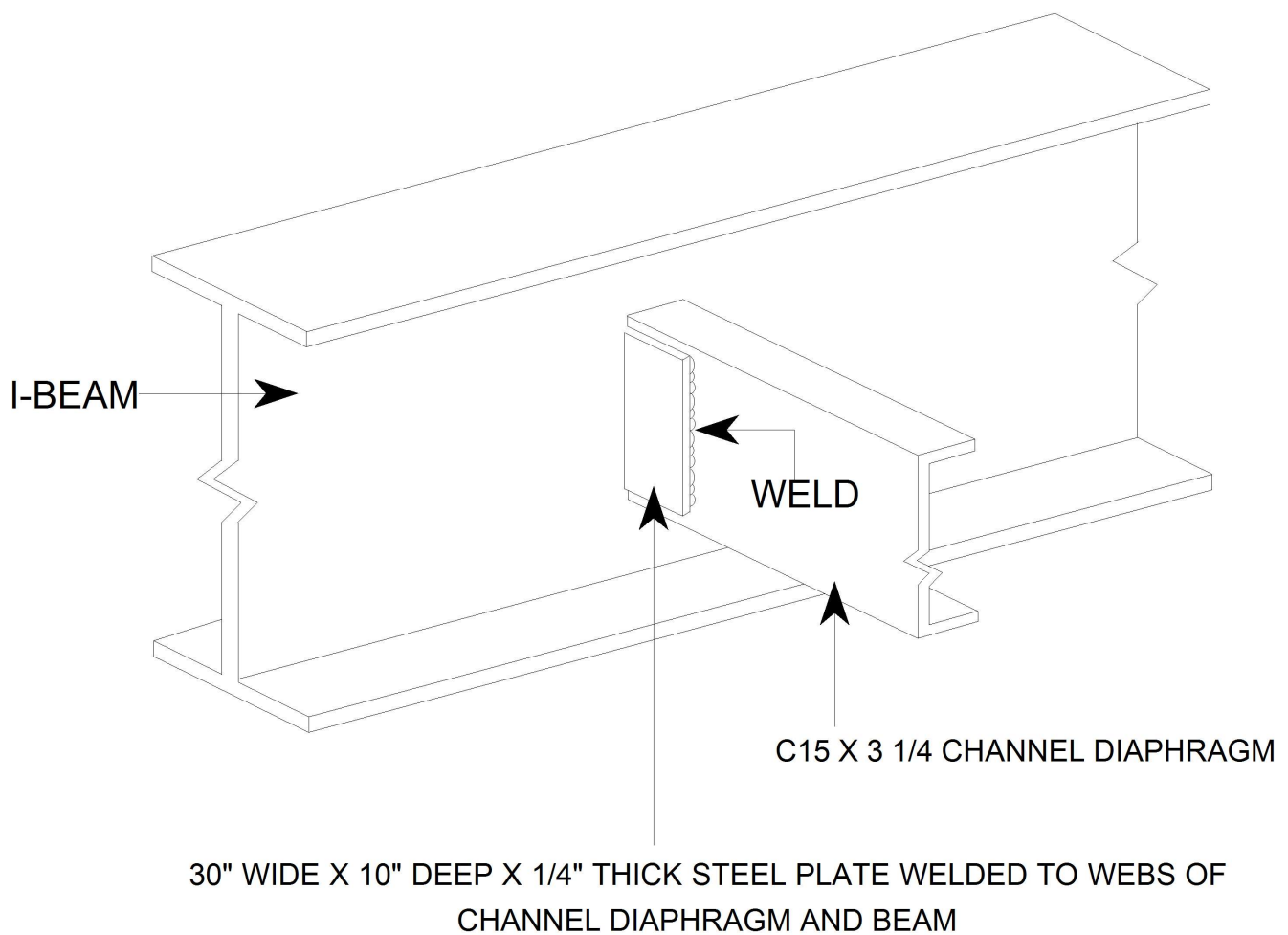
Title		Description	
Approach Roadway		Data Worksheet	
Bridge No:	430057	Drawn By:	DH/RS
Date:	09/06/2007	File Name:	S0106000448

Bridge Inspection Field Sketch										
Cap Information						Material Cast-in-Place Concrete				
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
62.500 ft.	2.750 ft.	3.000 ft.	3.667 ft.	3.333 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	18.5 ft.	2.5 ft.	2.25 ft.		Vertical	No	No	No	No
2	Concrete	18.5 ft.	2.5 ft.	2.25 ft.		Vertical	No	No	No	No
3	Concrete	18.5 ft.	2.5 ft.	2.25 ft.		Vertical	No	No	No	No
4	Concrete		2.5 ft.	2.25 ft.		Vertical	No	No	No	No
Bent/Abutment #: 1 Similar Bents: 2 & 3										
Title MEASUREMENTS UPDATED 6/26/2017 BY MJM INTERIOR BENTS						Description SUBSTRUCTURE DETAILS				
Bridge No: 430057			Drawn By: JOE C HUNTSINGER				Date: 6/12/2013		File Name: S0106001637	

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

LOCATED AT THE 1/3 POINTS OF SPANS 1, 2 AND 3
AND THE MIDPOINT OF SPAN 4



MEASUREMENTS VERIFIED 6/26/2017 BY MJM

Title		Description	
INTERMEDIATE DIAPHRAGMS		SUPERSTRUCTURE DETAILS	
Bridge No:	430057	Drawn By:	JOE C HUNTSINGER
Date:	6/12/2013	File Name:	S0106001638