



NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STRUCTURE MANAGEMENT UNIT

ATTENTION: **CLEARANCES CHECKED. NEW LATEX MODIFIED CONCRETE WEARING SURFACE. TEMPORARY REPAIRS (CAPS) 2 PRIORITY MAINTENANCES (CAP, BEAM)**

## Structure Safety Report

### Routine Element Inspection

COUNTY: HAYWOOD STRUCTURE NUMBER: 430239 FREQUENCY: 24 MONTHS

FACILITY CARRIED: I-40 MILE POST: 30

LOCATION: 1.2 MI.W.JCT.NC215

FEATURE INTERSECTED: SR1550

LATITUDE: 35° 33' 7.81" LONGITUDE: 82° 52' 21.19"

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

SUBSTRUCTURE: E.BTS:RC CAPS/H-PILES;INT.BTS:RCP&BEAM/PILE FTGS.

SPANS: 1 @ 48'-8.5;1 @ 51'.6875;1 @ 41'-5.125

FRACTURE CRITICAL     TEMPORARY SHORING     SCOUR CRITICAL     SCOUR PLAN OF ACTION

PRESENT CONDITION: Fair INSPECTION DATE: 04/20/2017

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: NONE



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

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS \_\_\_\_\_

WEST APPROACH LOOKING EAST

INSPECTED BY DELVIN ADAMS	SIGNATURE 	ASSISTED BY JOE HUNTSINGER
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# Structure Element Scoring

Structure Number: 430239

Inspection Date 4/20/2017

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	10074	9669	350	55	0
107	0	Steel Open Girder/Beam	Beam	1400	1111	281	0	8
515	107	Steel Protective Coating	Beam	13210	12638	0	560	12
205	0	Reinforced Concrete Column	Piles and Columns	10	6	4	0	0
215	0	Reinforced Concrete Abutment	Abutments	168	168	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	316	292	21	0	3
302	0	Compression Joint Seal	Expansion Joints	288	288	0	0	0
311	0	Movable Bearing	Bearing Device	30	0	21	9	0
515	311	Steel Protective Coating	Bearing Device	60	0	42	0	18
313	0	Fixed Bearing	Bearing Device	30	0	23	7	0
515	313	Steel Protective Coating	Bearing Device	60	1	46	0	13
321	0	Reinforced Concrete Approach Slabs	Approaches	1420	1220	200	0	0
330	0	Metal Bridge Railing	Bridge Rail	286	286	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	143	0	143	0	0
333	0	Other Bridge Railing	Bridge Rail	286	286	0	0	0
515	333	Steel Protective Coating	Bridge Rail	1400	1400	0	0	0
510	0	Wearing Surface	Wearing Surfaces	9320	8562	758	0	0

# Summary of Maintenance Needs

## Maintenance By Defect

Structure Number: 430239

Inspection Date: 04/20/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	55 Square Feet
3314	Steel Open Girder/Beam	Corrosion	8 Feet
3314	Steel Open Girder/Beam	Damage	2 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	3 Each
3348	Reinforced Concrete Column	Patched Area	4 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	3 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	3 Feet
3334	Movable Bearing	Corrosion	9 Each
3334	Fixed Bearing	Corrosion	7 Each
3353	Reinforced Concrete Approach Slabs	Cracking (RC and Other)	200 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	750 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	689 Square Feet

## Element Structure Maintenance Quantities

Structure Number: 430239

Inspection Date 04/20/2017

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	168	0	0	0	168
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	200	1420	0	0	200	1220
Beam	3314	Maintenance Steel Superstructure Components	10	1400	8	0	281	1111
Beam	3342	Clean and Paint Steel	572	13210	12	560	0	12638
Bearing Device	3334	Bridge Bearing	16	60	0	16	44	0
Bearing Device	3342	Clean and Paint Steel	117	120	31	0	88	1
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	429	0	0	143	286
Bridge Rail	3322	Maintenance of Steel Bridge Rail	0	286	0	0	0	286
Bridge Rail	3342	Clean and Paint Steel	0	1400	0	0	0	1400
Caps	3348	Maintenance of Concrete Substructure	7	316	3	0	21	292
Deck	3326	Maintenance of Concrete Deck	55	10074	0	55	350	9669
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	288	0	0	0	288
Piles and Columns	3348	Maintenance of Concrete Substructure	7	10	0	0	4	6
Wearing Surfaces	2816	Asphalt Surface Repair	750	9320	0	0	758	8562

## Element Condition and Maintenance Data

Structure Number: 430239

Inspection Date: 04/20/2017

**Span 1 Deck**  
**Reinforced Concrete Deck**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,475	3,355	100	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	SCATTERED SPALLS, SOME WITH EXPOSED REBAR, ALONG THE UNDERSIDE OF THE OVERHANGS.	3	20	20	Square Feet
12	Patched Areas	DECK UNDERSIDE HAS SEVERAL AREAS PATCHED. PATCHES ARE IN GOOD CONDITION. THESE ARE CONSIDERED TEMPORARY REPAIRS.	2	100		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	48	0	48	0	0	Feet
515	Steel Protective Coating	453	357	0	96	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	2	48		Feet
515	Effectiveness (Steel Protective Coatings)	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	96	96	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	48	46	0	0	2	Feet
515	Steel Protective Coating	453	453	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	LEFT BOTTOM FLANGE AT BENT 1 IS DOWN TO 7/16" FROM THE ORIGINAL 9/16" THICKNESS FOR 1' 3" LONG STARTING AT THE END X FULL WIDTH. A PRIORITY MAINTENANCE IS BEING ISSUED FOER THIS BEAM.	4	2	2	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	48	0	48	0	0	Feet
515	Steel Protective Coating	453	357	0	96	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM	2	48		Feet

515	Effectiveness (Steel Protective Coatings)	FLANGE ALLOWING SURFACE CORROSION. PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	96	96	Square Feet
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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	49	0	49	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	H/L MAP AND LONGITUDINAL CRACKS ESPECIALLY ON THE SOUTH FACE.	2	49	Feet

General Comments

**Span 1 Near Bearing**

**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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
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Structure Number: 430239

Inspection Date: 04/20/2017

313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 1 Far Bearing**

**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 1 Near Bearing**

**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 1 Far Bearing**

**Movable Bearing**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

## Span 1 Near Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet



## General Comments

## Span 1 Near Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

## General Comments

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

## General Comments

## Span 1 Near Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

## General Comments

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet
General Comments					

## Span 1 Near Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet
General Comments					

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet
General Comments					

## Span 1 Near Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet
General Comments					

## Span 1 Far Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

## Span 1 Near Bearing

## Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2 Square Feet

General Comments

## Span 1 Latex Modified Concrete Wearing Surface

## Concrete Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	3,215	3,015	200	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
510	Crack (Wearing Surface)	LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.	2	200	200 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	3,643	3,473	150	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Delamination/Spall	SCATTERED SPALLS, SOME WITH EXPOSED REBAR, ALONG THE UNDERSIDE OF THE OVERHANGS.	3	20	20	Square Feet
12	Patched Areas	DECK UNDERSIDE HAS SEVERAL AREAS PATCHED. PATCHES ARE IN GOOD CONDITION. THESE ARE CONSIDERED TEMPORARY REPAIRS.	2	150		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	51	0	51	0	0	Feet
515	Steel Protective Coating	481	379	0	102	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	2	51		Feet
515	Effectiveness (Steel Protective Coatings)	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	102	102	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	51	50	1	0	0	Feet
515	Steel Protective Coating	481	481	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Damage	RIGHT BOTTOM FLANGE HAS A 4" LONG X 1" WIDE X 1/16" DEEP GOUGE DUE TO IMPACT AT 18" 6" FROM THE FACE OF BENT 2 CAP. SEE DAMAGE INSPECTION DATED 8/1/2011 FOR FURTHER DETAILS.	2	1	1	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	51	0	51	0	0	Feet
515	Steel Protective Coating	481	379	0	102	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	2	50		Feet

107	Damage	IMPACT DAMAGE TO THE RIGHT BOTTOM FLANGE AT 18' 3" FROM THE FACE OF BENT 2 RESULTING IN A TEAR IN THE FLANGE AND COVER PLATE. THERE IS A 9/16" CRACK RUNNING EASTWARD FROM THE TOP OF THE TEAR. THE BOTTOM FLANGE IS BENT 1" TOWARD THE NORTH IN THIS AREA. SEE DAMAGE INSPECTION DATED 8/1/2011 FOR FURTHER DETAILS.	2	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	102	102	Square 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	52	0	52	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
331	Cracking (RC and Other)	H/L MAP AND LONGITUDINAL CRACKS ESPECIALLY ON THE SOUTH FACE.	2	52		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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1		1 Each	
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1		1 Each	
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: 430239

Inspection Date: 04/20/2017

313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	2	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2 Square Feet

General Comments

**Span 2 Latex Modified Concrete Wearing Surface**  
**Concrete Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	3,370	3,070	300	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
510	Crack (Wearing Surface)	LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.	2	300	300 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	2,956	2,841	100	15	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
12	Delamination/Spall	SCATTERED SPALLS, SOME WITH EXPOSED REBAR, ALONG THE UNDERSIDE OF THE OVERHANGS.	3	15	15 Square Feet
12	Patched Areas	DECK UNDERSIDE HAS SEVERAL AREAS PATCHED. PATCHES ARE IN GOOD CONDITION. THESE ARE CONSIDERED TEMPORARY REPAIRS.	2	100	Square Feet

General Comments

**Span 3 Beam 1**  
**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	41	0	41	0	0 Feet
515	Steel Protective Coating	387	305	0	82	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	2	41	Feet
515	Effectiveness (Steel Protective Coatings)	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	82	82 Square Feet

General Comments

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

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	41	35	0	0	6 Feet
515	Steel Protective Coating	387	375	0	0	12 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	RIGHT BOTTOM FLANGE AT BENT 2 HAS FLAKING SURFACE CORROSION WITH NO SIGNIFICANT LOSS FOR 6' LONG.	4	6	6 Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION.	4	12	12 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	41	0	41	0	0 Feet
515	Steel Protective Coating	387	305	0	82	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	2	41	Feet
515	Effectiveness (Steel Protective Coatings)	PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.	3	82	82 Square Feet

General Comments

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

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	42	0	42	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
331	Cracking (RC and Other)	H/L MAP AND LONGITUDINAL CRACKS ESPECIALLY ON THE SOUTH FACE.	2	42	Feet

General Comments

**Span 3** **Near Bearing**  
**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2 Square Feet

General Comments

**Span 3** **Far Bearing**  
**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	1	1 Square Feet

## General Comments

## Span 3 Near Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

## General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2		Square Feet

## General Comments

## Span 3 Near Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2	Square Feet

## General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Structure Number: 430239

Inspection Date: 04/20/2017

313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 3 Near Bearing**

**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 3 Far Bearing**

**Fixed Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 3 Near Bearing**

**Movable Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

**Span 3 Far Bearing**  
**Fixed Bearing**

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

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

**Span 3 Near Bearing**  
**Movable Bearing**

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

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

**Span 3 Far Bearing**  
**Fixed Bearing**

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

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

General Comments

**Span 3 Near Bearing**  
**Movable Bearing**

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

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Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

## General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

## General Comments

## Span 3 Near Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

## General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2	Square Feet

## General Comments

## Span 3 Near Bearing

## Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
----------------	-------------	--------------------	----	--------	-----------	--



311	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	2	2	2 Square Feet

General Comments

## Span 3 Near Bearing

## Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	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	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2 Square Feet

General Comments

## Span 3 Far Bearing

## Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.	4	2	2 Square Feet

General Comments

## Span 3

## Latex Modified Concrete Wearing Surface

## Concrete Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,735	2,477	258	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.	2	250	250	Square Feet
510	Patched Area/Pothole (Wearing Surface)	2' LONG X 4' WIDE PATCH IN THE WEARING SURFACE IN THE WESTBOUND RIGHT LANE. PATCH IS IN GOOD CONDITION.	2	8		Square 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	74	56	15	0	3	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	LEFT END OF BENT 1 CAP HAS A CRACK WITH A 30" WIDE X 14" HIGH X 12" DEEP SPALL FORMING UNDER BEAM 1 BEARING. THE CRACK RUNS UNDER THE CENTER OF THE BEARING MASONRY PLATE. A PRIORITY MAINTENANCE WAS ISSUED LAST INSPECTION AND IS BEING RE-ISSUED FOR THIS SPALL.	4	3	3	Feet
234	Patched Area	CAP HAS SEVERAL PATCHES IN GOOD CONDITION. THESE ARE CONSIDERED TEMPORARY REPAIRS.	2	15		Feet

General Comments

## Bent 1

## Reinforced Concrete Column 5

## Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Patched Area	SW CORNER AT 18" BELOW THE CAP HAS A 4' LONG X 6" WIDE PATCH IN GOOD CONDITION. THIS IS CONSIDERED A TEMPORARY REPAIR.	2	1	4	Each

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	74	68	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	WEST FACE OF CAP UNDER BAY 1 HAS 3 AREAS OF EXPOSED REBAR (4", 3", 10" LONG).	2	3	3	Feet
234	Exposed Rebar	EAST FACE OF THE CAP HAS A 12" LONG EXPOSED REBAR UNDER BEAM 8.	2	1	1	Feet
234	Patched Area	WEST FACE AND RIGHT END OF CAP HAS A PATCH IN	2	2		Feet

GOOD CONDITION. THIS IS CONSIDERED A TEMPORARY REPAIR.

General Comments

2 Feet of Exposed Rebar: Present without measurable section loss. EAST FACE OF THE CAP HAS A 6" LONG EXPOSED REBAR UNDER BEAM 10 AND A 3" LONG EXPOSED REBAR UNDER BEAM 9.

**Bent 2 Reinforced Concrete Column 5**

**Reinforced Concrete Column**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	-2	3	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	WEST FACE OF THE COLUMN HAS A 3' LONG VERTICAL H/L CRACK JUST BELOW THE HAUNCH.	2	3	3 Each

General Comments

**Approach 1 Reinforced Concrete Approach Slab 1**

**Reinforced Concrete Approach Slab**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
321	Reinforced Concrete Approach Slabs	710	610	100	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
321	Cracking (RC and Other)	LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.	2	100	100 Square Feet

General Comments

**Approach 2 Reinforced Concrete Approach Slab 2**

**Reinforced Concrete Approach Slab**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
321	Reinforced Concrete Approach Slabs	710	610	100	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
321	Cracking (RC and Other)	LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.	2	100	100 Square Feet

General Comments

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3475
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	48
Span 1	Left Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	49
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	49
Span 1	Right Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	49
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	49
Span 1	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	49
Span 1	Expansion Joint	Compression Seal	Compression Joint Seal	72
Span 1	Latex Modified Concrete Wearing Surface	Concrete Wearing Surface	Wearing Surface	3215
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3643
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	51

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	51
Span 2	Left Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	52
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	52
Span 2	Right Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	52
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	52
Span 2	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	52
Span 2	Expansion Joint	Compression Seal	Compression Joint Seal	72
Span 2	Latex Modified Concrete Wearing Surface	Concrete Wearing Surface	Wearing Surface	3370
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2956
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	41
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	41
Span 3	Left Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	42

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 3	Right Bridge Rail	Concrete and Metal Railing	Metal Bridge Railing	42
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 3	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	42
Span 3	Expansion Joint	Compression Seal	Compression Joint Seal	72
Span 3	Expansion Joint	Compression Seal	Compression Joint Seal	72
Span 3	Latex Modified Concrete Wearing Surface	Concrete Wearing Surface	Wearing Surface	2735
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	74
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	84
End Bent 1		Reinforced Concrete Abutment	Reinforced Concrete Abutment	84
End Bent 1		Reinforced Concrete Abutment	Timber Abutment	84
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	74
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	84
End Bent 2		Reinforced Concrete Abutment	Reinforced Concrete Abutment	84

# General Inspection Notes

# National Bridge and NC Inspection Items

Structure Number: 430239

Inspection Date: 04/20/2017

## National Bridge Inventory Items

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

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

## NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		N		
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	15		
Superstructure Paint Code		A		

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

## Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	6
Traffic Control Time	Hours	
Snooper Time	Hours	
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: 430239

Inspection Date: 04/20/2017

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Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
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Details 2 PRIORITY MAINTENANCES (CAP, BEAM)



Bent 2 Cap 1: WEST FACE OF CAP UNDER BAY 1 HAS 3 AREAS OF EXPOSED REBAR (4", 3", 10" LONG).



Bent 2 Pile 5: WEST FACE OF THE COLUMN HAS A 3' LONG VERTICAL H/L CRACK JUST BELOW THE HAUNCH.



Bent 2 Cap 1: WEST FACE AND RIGHT END OF CAP HAS A PATCH IN GOOD CONDITION. THIS IS CONSIDERED A TEMPORARY REPAIR.



Span 2 Beam 10: IMPACT DAMAGE TO THE RIGHT BOTTOM FLANGE AT 18' 3" FROM THE FACE OF BENT 2 RESULTING IN A TEAR IN THE FLANGE AND COVER PLATE. THERE IS A 9/16" CRACK RUNNING EASTWARD FROM THE TOP OF THE TEAR. THE BOTTOM FLANGE IS BENT 1" TOWARD THE NORTH IN THIS AREA. SEE DAMAGE INSPECTION DATED 8/1/2011 FOR FURTHER DETAILS.



Span 2 Beam 9: RIGHT BOTTOM FLANGE HAS A 4" LONG X 1" WIDE X 1/16" DEEP GOUGE DUE TO IMPACT AT 18" 6" FROM THE FACE OF BENT 2 CAP. SEE DAMAGE INSPECTION DATED 8/1/2011 FOR FURTHER DETAILS.



Span 2 Deck: SCATTERED SPALLS, SOME WITH EXPOSED REBAR, ALONG THE UNDERSIDE OF THE OVERHANGS.



Bent 2 Cap 1: EAST FACE OF THE CAP HAS A 12" LONG EXPOSED REBAR UNDER BEAM 8.



Span 3 Beam 10 Far Bearing: LOSS OF PAINT ALLOWING SURFACE CORROSION OVER THE ENTIRE BEARING.



Span 2 Beam 10: PEELING PAINT ALONG THE TOP OF THE BOTTOM FLANGE ALLOWING SURFACE CORROSION.



Span 2 Median Rail: H/L MAP AND LONGITUDINAL CRACKS ESPECIALLY ON THE SOUTH FACE.



Approach 2: LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.



Span 3 Wearing Surface: LATEX MODIFIED CONCRETE WEARING SURFACE HAS SCATTERED MAP CRACKS.





Span 3 Wearing Surface: 2' LONG X 4' WIDE PATCH IN THE WEARING SURFACE IN THE WESTBOUND RIGHT LANE. PATCH IS IN GOOD CONDITION.



Bent 1 Cap 1: LEFT END OF BENT 1 CAP HAS A CRACK WITH A 30" WIDE X 14" HIGH X 12" DEEP SPALL FORMING UNDER BEAM 1 BEARING. THE CRACK RUNS UNDER THE CENTER OF THE BEARING MASONRY PLATE. A PRIORITY MAINTENANCE WAS ISSUED LAST INSPECTION AND IS BEING RE-ISSUED FOR THIS SPALL.



Bent 1 Cap 1: CAP HAS SEVERAL PATCHES IN GOOD CONDITION. THESE ARE CONSIDERED TEMPORARY REPAIRS.



Span 1 Beam 3: LEFT BOTTOM FLANGE AT BENT 1 IS DOWN TO 7/16" FROM THE ORIGINAL 9/16" THICKNESS FOR 1' 3" LONG STARTING AT THE END X FULL WIDTH. A PRIORITY MAINTENANCE IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 3: RIGHT BOTTOM FLANGE AT BENT 2 HAS FLAKING SURFACE CORROSION WITH NO SIGNIFICANT LOSS FOR 6' LONG.



BENT 2



NORTH PROFILE



BENT 1



DECK UNDERSIDE



SOUTH PROFILE



END BENT 2





TYPICAL BEARING



TRI-BEAM RETROFIT RAIL WAS INSTALLED INSIDE OF THE ORIGINAL RAILS IN THE PAST.



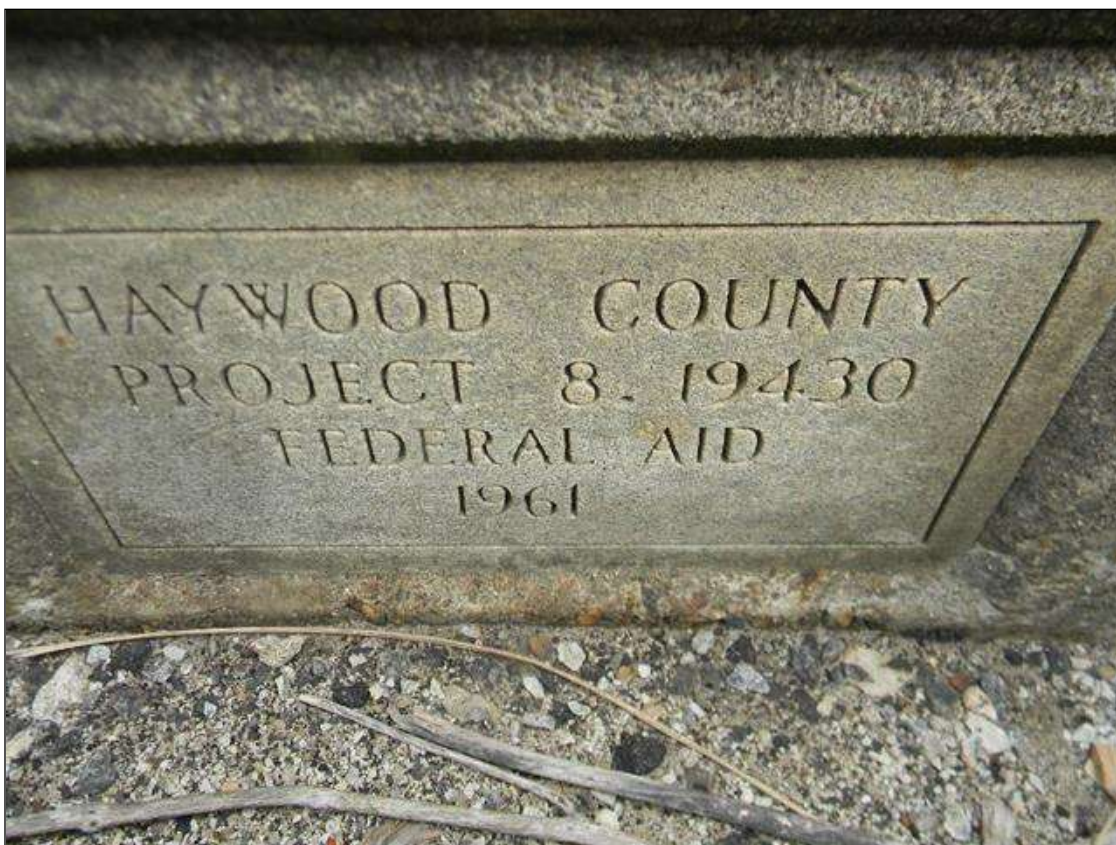
TYPICAL BASE FOR RETROFIT RAILS.



EAST APPROACH LOOKING WEST



TYPICAL GUARDRAIL END AND POST SPACING FOR NE AND SW CORNERS. NE END SHOWN.



BRIDGE INFO PLATE AT THE NE AND SW CORNERS.



TYPICAL GUARDRAIL CONNECTION AND POST SPACING. NE CORNER SHOWN.



TYPICAL JOINT



GUARDRAIL LOOKING EAST



GUARDRAIL LOOKING WEST



LOOKING SOUTH FROM THE STRUCTURE



LOOKING NORTH FROM THE STRUCTURE



WEST APPROACH LOOKING EAST



END BENT 1



INSPECTION LADDER



IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	430239		SUFFICIENCY RATING =			69
(8) STRUCTURE NUMBER(FEDERAL)		00000000870239		STATUS =	Not Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		11000400					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2					
(3) COUNTY CODE	87	(4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -			YES
(6) FEATURE INTERSECTED - SR1550				(104)HIGHWAY SYSTEM	Is on the NHS		1
(7) FACILITY CARRIED I-40				(26) FUNCTIONAL CLASS -	Arterial - Interstate		01
(9) LOCATION 1.2 MI.W.JCT.NC215				(100)STRAHNET HIGHWAY -	Interstate STRAHNET Route		1
(11)MILEPOINT		30		(101)PARALLEL STRUCTURE -	No Parallel Structure		N
(16)LAT 35° 33' 7.81"	(17)LONG	82° 52' 21.19"		(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
				(20) TOLL	On Free Road		3
				(31) MAINTAIN -	State Highway Agency		01
				(22) OWNER -	State Highway Agency		01
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible		5
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) STRUCTURE TYPE MAIN: Steel				(58) DECK			7
TYPE - Stringer Mutlibeam or Girder		CODE 302		(59) SUPERSTRUCTURE			6
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE			5
TYPE -		CODE 000		(61) CHANNEL & CHANNEL PROTECTION			N
(45) NUMBER OF SPANS IN MAIN UNIT		3		(62) CULVERTS			N
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE - 1		CODE		LOAD RATING AND POSTING			
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(31) DESIGN LOAD	HS 20 + MOD		6
(A) TYPE OF WEARING SURFACE -		CODE		(63) OPERATING RATING METHOD -	Load Factor		1
(B) TYPE OF MEMBRANE -		CODE		(64) OPERATING RATING -	HS-33		60
(C) TYPE OF DECK PROTECTION -		CODE		(65) INVENTORY RATING METHOD -	Load Factor		1
				(66) INVENTORY RATING -	HS-20		36
				(70) BRIDGE POSTING -	No Posting Required		5
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED			A
				DESCRIPTION -	Open, No Restriction		
AGE AND SERVICE				APPRAISAL			
(27) YEAR BUILT		1961		(67) STRUCTURAL EVALUATION			5
(106)YEAR RECONSTRUCTED		2011		(68) DECK GEOMETRY			6
(42) TYPE OF SERVICE : ON - Highway				(69) UNDERCLEARANCES,VERTI & HORIZ			6
UNDER - Highway		CODE 11		(71) WATERWAY ADEQUACY			N
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE		2		(72) APPROACH ROADWAY ALIGNMENT			8
(29) AVERAGE DAILY TRAFFIC		50000		(36) TRAFFIC SAFETY FEATURES			1011
(30) YEAR OF ADT 2015	(109) TRUCK ADT PCT	23%		(113)SCOUR CRITICAL BRIDGES			N
(19) BYPASS OR DETOUR LENGTH		3 MI		PROPOSED IMPROVEMENTS			
GEOMETRIC DATA				(75) TYPE OF WORK -			CODE
(48) LENGTH OF MAXIMUM SPAN		50 FT		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(49) STRUCTURE LENGTH		141 FT		(94) BRIDGE IMPROVEMENT COST			
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT 0 FT				(95) ROADWAY IMPROVEMENT COST			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		66 FT		(96) TOTAL PROJECT COST			
(52) DECK WIDTH OUT TO OUT		71.333 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		82 FT		(114)FUTURE ADT 100000	(115) YEAR FUTURE ADT	2025	
(33) BRIDGE MEDIAN - No Median		CODE 3		INSPECTIONS			
(34) SKEW 23°	(35) STRUCTURE FLARED	0		(90) INSPECTION DATE			04/20/2017
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(92) CRITICAL FEATURE INSPECTION :			(93) CFI DATE
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		33 FT		A) FRACTURE CRIT DETAIL -	NO		A)
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		B) UNDERWATER INSP -	NO		B)
(54) MIN VERT UNDERCLEAR REF Highway		14.58 FT		C) OTHER SPECIAL INSP	NO		C)
(55) MIN LAT UNDERCLEAR RT REF Highway		12.25 FT		SCOUR			
(56) MIN LAT UNDERCLEAR LT REF -		0 FT					
NAVIGATION DATA							
(38) NAVIGATION CONTROL - Not Applicable		CODE N					
(111)PIER PROTECTION -		CODE					
(39) NAVIGATION VERTICAL CLEARANCE		0					
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT					
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT					

Structure No: 430239

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							
													Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway Designator	Direction of Traffic	Highway System of Route
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	SR 1550	31015500	14.58					19	2	560	2014	45	H	14.58	12.25		9		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: 10/27/2017

COUNTY : HAYWOOD DIVISION : 14 DISTRICT : 2 STRUCTURE NUMBER : 430239 LENGTH : 141 FEET

ROUTE CARRIED : I-40 FEATURE INTERSECTED : SR1550

LOCATED : 1.2 MI.W.JCT.NC215 BRIDGE NAME : CITY :

FUNC. CLASS : 01 SYST.ON : FA SYST.UNDER : NFA ADT & YR : 50000 2015 RAIL TYPE : LT 333 RT 333

BUILT : 1961 BY : DOH PROJ : 8.19430 FED.AID PROJ : I-40-1(7)29 DESIGN LOAD : HS 20 + MOD

REHAB : 2011 BY : DOH PROJ : 8.194205 ALIGNMENT : TAN SKEW : 67 LANES : ON 4 UNDER 2

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

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

SUBSTRUCTURE : E.BTS:RC CAPS/H-PILES;INT.BTS:RCP&BEAM/PILE FTGS.

SPANS : 1 @ 48'-8.5;1 @ 51'.6875;1 @ 41'-5.125

BEAMS OR GIRDERS : 10 LINES 33 I-BEAMS @ VAR. CENTERS

FLOOR : 9 RC/NO AWS ENCROACHMENT : DECK (OUT TO OUT) : 71.333 FT

CLEAR ROADWAY : 66 FT BETWEEN RAILS : 66 FT SIDEWALK OR CURB : LT 0 FT RT 0 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-20 OPE.RTG. : HS-33 CONTR.MEMBER : Ext. bmsSpB POSTED : SV TTST DATE

SYSTEM : Primary Interstate GREEN LINE ROUTE : Y

UNDER ROUTES AND CLEARANCES

Span	Route Description	Vertical Clearances		Horizontal Clearances		
		MMVC	MVC	Total	Left	Right
2	SR 1550	14.58	14.58	45	0	12.25

Note: All measurements are in feet.

REMARKS :


# BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430239

County HAYWOOD

Date: 04/20/2017


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	3	Bent 1 Cap 1: LEFT END OF BENT 1 CAP HAS A CRACK WITH A 30" WIDE X 14" HIGH X 12" DEEP SPALL FORMING UNDER BEAM 1 BEARING. THE CRACK RUNS UNDER THE CENTER OF THE BEARING MASONRY PLATE. A PRIORITY MAINTENANCE WAS ISSUED LAST INSPECTION AND IS BEING RE-ISSUED FOR THIS SPALL.	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 3: LEFT BOTTOM FLANGE AT BENT 1 IS DOWN TO 7/16" FROM THE ORIGINAL 9/16" THICKNESS FOR 1' 3" LONG STARTING AT THE END X FULL WIDTH. A PRIORITY MAINTENANCE IS BEING ISSUED FOR THIS BEAM.	

**Key**

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

## BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430239

County HAYWOOD

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

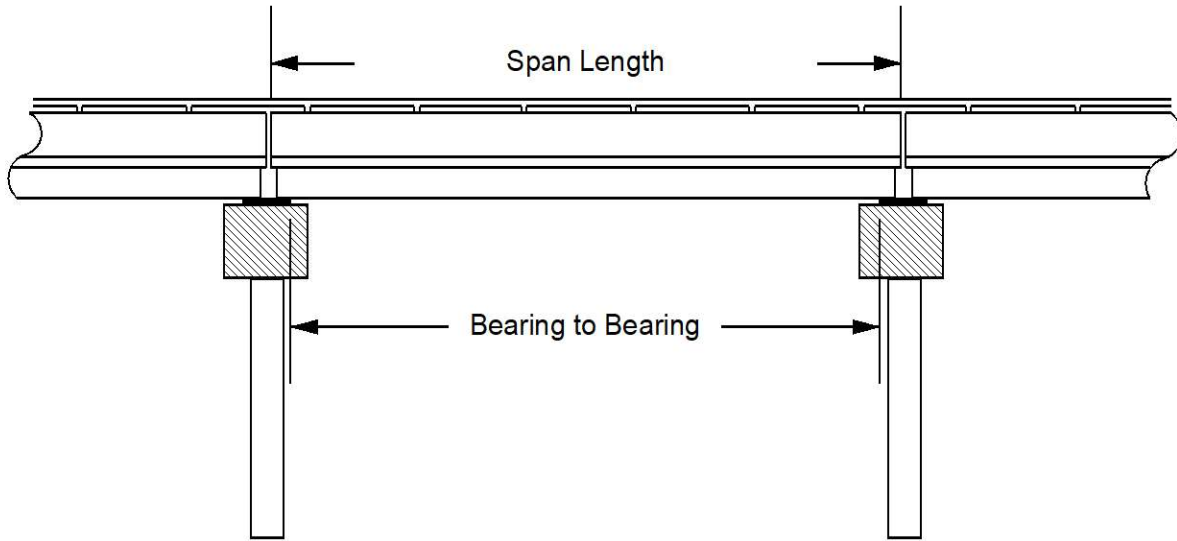
MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3      LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/20/2017	DELVIN ADAMS	
Details		
<p>Bent 1 Cap 1: LEFT END OF BENT 1 CAP HAS A CRACK WITH A 30" WIDE X 14" HIGH X 12" DEEP SPALL FORMING UNDER BEAM 1 BEARING. THE CRACK RUNS UNDER THE CENTER OF THE BEARING MASONRY PLATE. A PRIORITY MAINTENANCE WAS ISSUED LAST INSPECTION AND IS BEING RE-ISSUED FOR THIS SPALL.</p>		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2      LF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
04/20/2017	DELVIN ADAMS	
Details		
<p>Span 1 Beam 3: LEFT BOTTOM FLANGE AT BENT 1 IS DOWN TO 7/16" FROM THE ORIGINAL 9/16" THICKNESS FOR 1' 3" LONG STARTING AT THE END X FULL WIDTH. A PRIORITY MAINTENANCE IS BEING ISSUED FOR THIS BEAM.</p>		

# Structure Data Worksheet

Spans

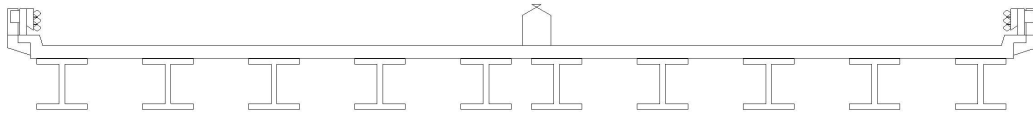
County: HAYWOOD      Structure No: 430239      Date: 04/20/2017      Inspected By: DJA



Span No	Span Length	Bearing to Bearing	Comments
0	0	0	
1	48'- 8 1/2"	46' 7"	
2	51'- 0 11/16"	50' 0"	
3	41'- 5 1/8"	36' 3"	NBIS = 134'-8"

# Bridge Inspection Field Sketch

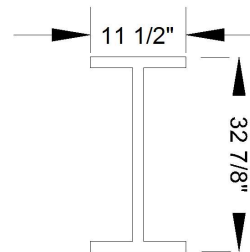
Deck Width/Out to Out	71.250ft	Between Rails	68.083ft
Clear Roadway	66ft	Wearing Surface	0.417ft
Median Width	2.000ft	Median Height	2.833ft
Curb Height		Left	0.521ft
		Right	0.521ft
Sidewalk Width		Left	
		Right	
Clear Roadway (Rail to Median)		Left	33ft
		Right	33ft
Guardrail Width		Left	1.63ft
		Right	1.63ft
Top of Rail to Deck/Wearing Surface		Left	2.542ft
		Right	2.542ft
Bridge Rail		Left	Type 33
		Right	Type 33



Measurements for Span #	1		
Deck Thickness	0.875	Left Overhang	3.125
Top of Rail to Bottom of Beam	6.167	Right Overhang	3.125

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	7.5ft	
2	Steel I Beam	7.5ft	
3	Steel I Beam	7.5ft	
4	Steel I Beam	7.5ft	
5	Steel I Beam	5ft	
6	Steel I Beam	7.5ft	
7	Steel I Beam	7.5ft	
8	Steel I Beam	7.5ft	
9	Steel I Beam	7.5ft	
10	Steel I Beam	ft	

## BEAMS (NON-TAPERED FLANGES)



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

MODIFIED 4/20/17 - J.C.HUNTSINGER

**Title**

Typical Section

**Description**

Data Worksheet

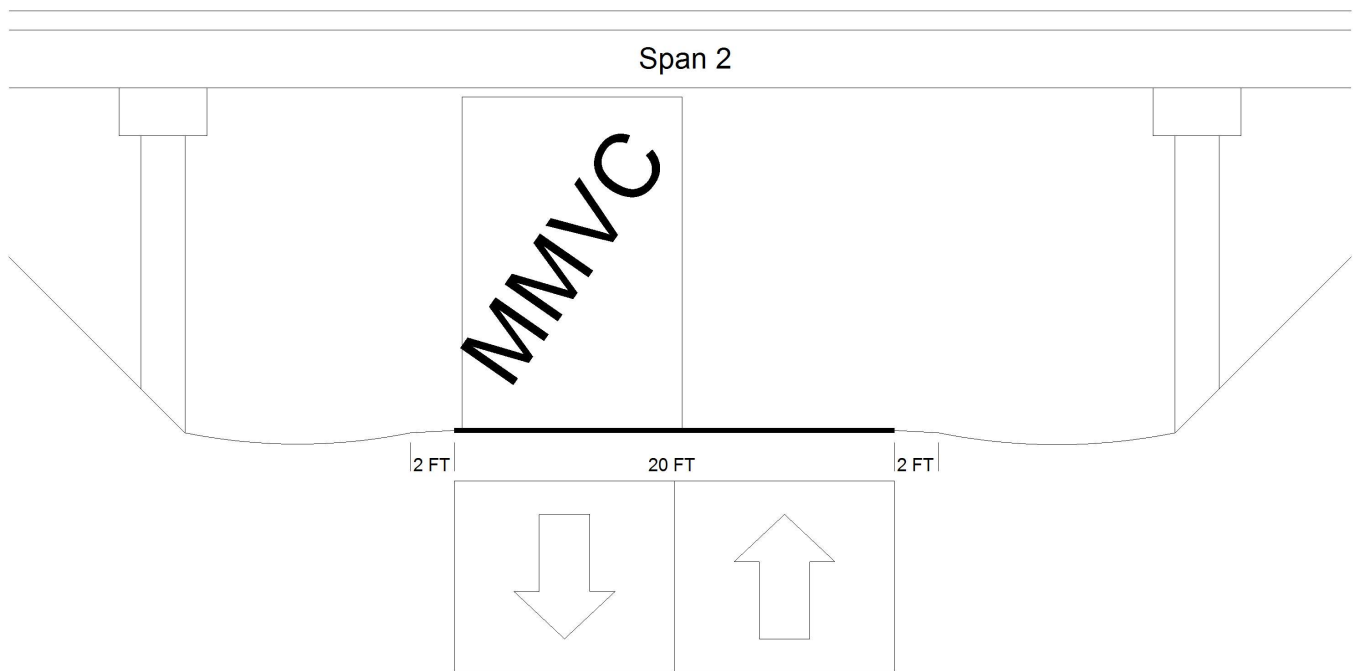
Bridge No: 430239

Drawn By: Roy W. Shook

Date: 08/10/2005

File Name: S0106000253

# Bridge Inspection Field Sketch



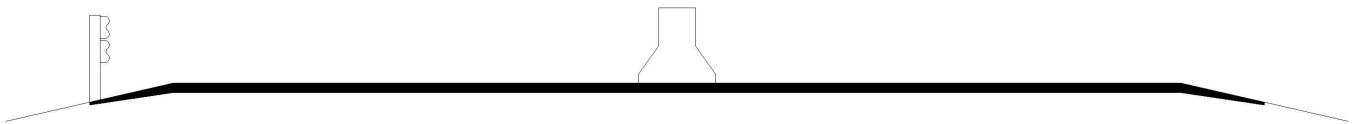
Roadway 1		Direction of Traffic	North South
Distance to Left Rail		Distance to Right Rail	
Distance to Left Toe of Slope	12.25FT	Distance to Left Bent	12.25FT
Distance to Right Toe of Slope	12.75FT	Distance to Right Bent	12.75FT
MMVC	14.58 Ft at Beam 10, 10 FT from Left Edge of Roadway		
MVC	14.58 Ft at Beam 10, 0 FT from Center Of Road		

4/20/17 - J.C.HUNTSINGER

<b>Title</b> SPAN #2 OVER SR-1550	<b>Description</b> SPAN #2 UNDERCLEARANCE
<b>Bridge No:</b> 430239	<b>Drawn By:</b> Roy W. Shook
<b>Date:</b> 08/10/2005	<b>File Name:</b> S0106000254



# Bridge Inspection Field Sketch

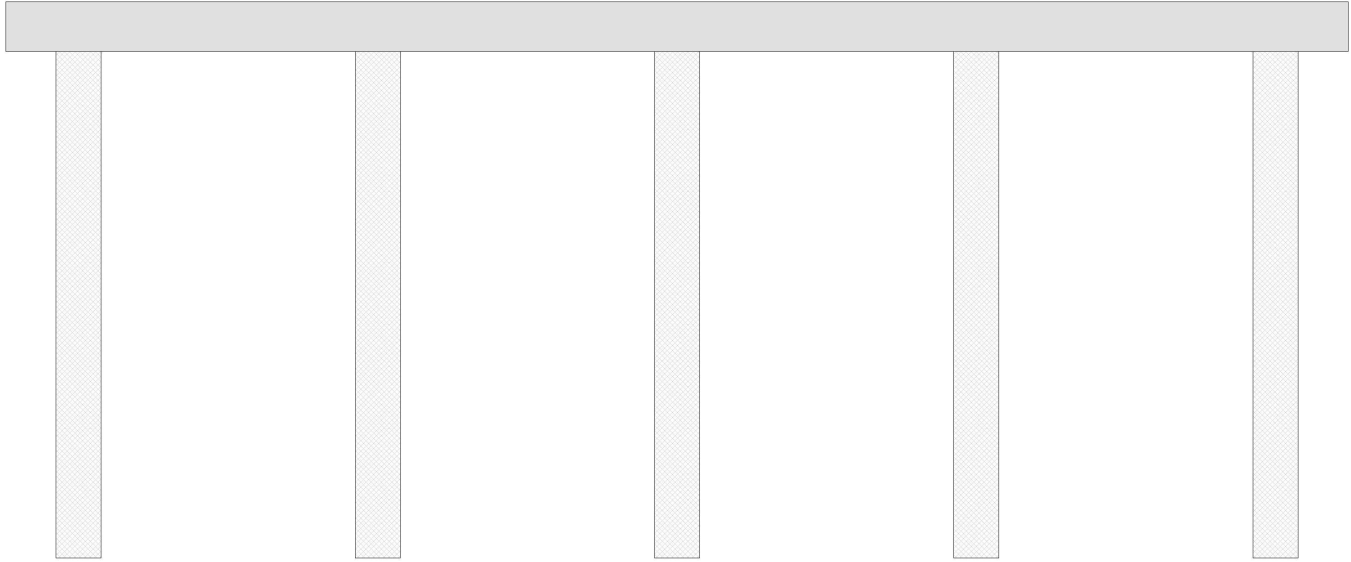


Left Lanes			
Roadway	24.0ft Wide	2 Paved Lanes	West Bound
Left Shoulder	6.666ft Wide	6.333ft Paved	0.333ft Unpaved
Right Shoulder	11.333ft Wide	11.000ft Paved	0.333ft Unpaved
Left Guardrail	6.333ft from road		
Right Guardrail	11.333ft from road		
Median	2.0ft Wide	2.833ft High	
Right Lanes			
Roadway	24.000ft Wide	2 Paved Lanes	East Bound
Left Shoulder	6.333ft Wide	6.333ft Paved	0ft Unpaved
Right Shoulder	10.5ft Wide	10.500ft Paved	0ft Unpaved
Left Guardrail	6.333ft from road		
Right Guardrail			

4/20/17 - J.C.HUNTSINGER

<b>Title</b> Approach Roadway		<b>Description</b> Data Worksheet	
<b>Bridge No:</b> 430239	<b>Drawn By:</b> Roy W. Shook	<b>Date:</b> 08/09/2005	<b>File Name:</b> S0106000252

# Bridge Inspection Field Sketch



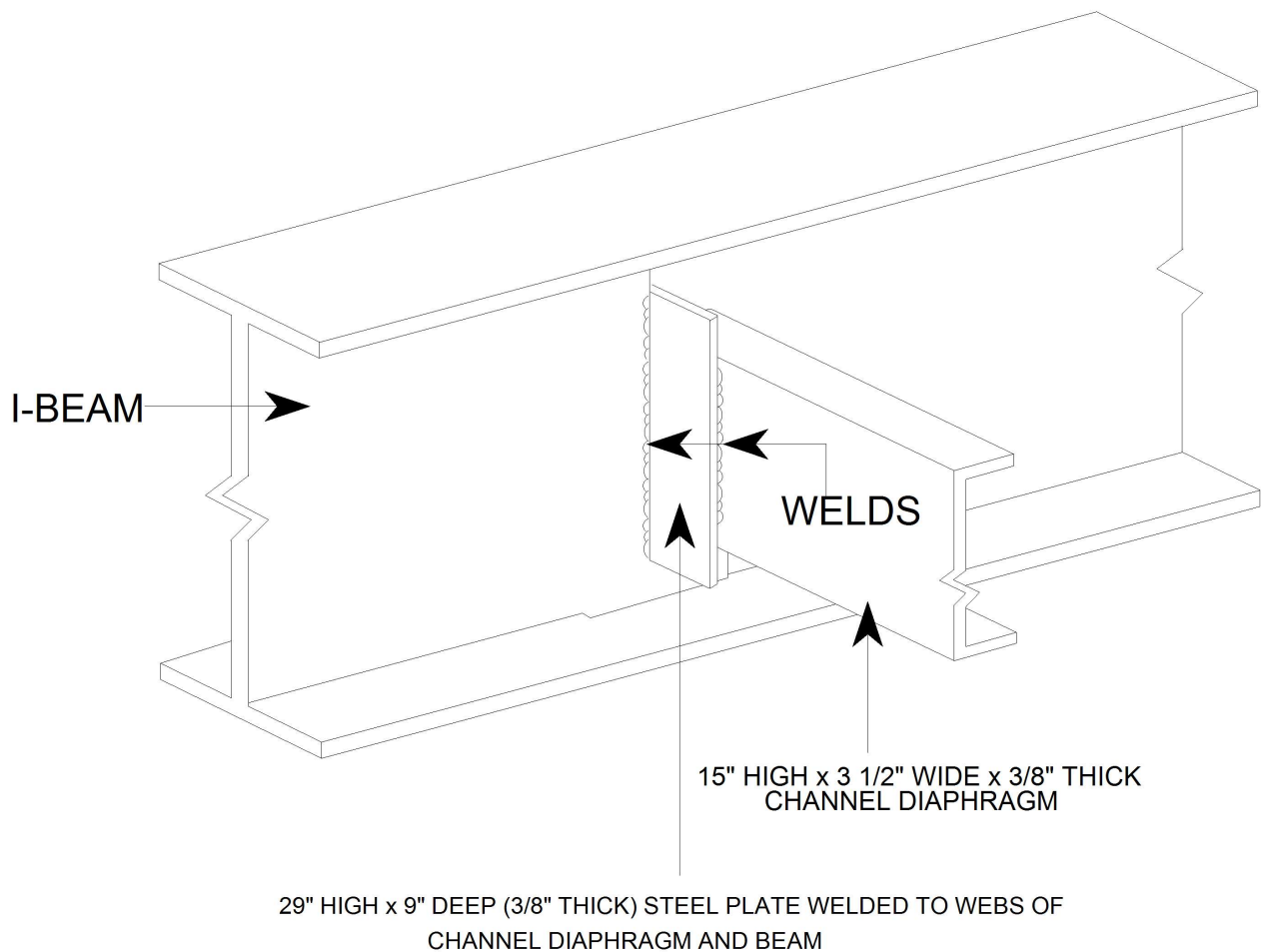
<b>Cap Information</b>			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
74.000 ft.	2.500 ft.	2.750 ft.	4.000 ft.	4.000 ft.	1.833 ft.	1.833 ft.				
<b>Subcap Information</b>			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
<b>Sill Information</b>			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	16.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
2	Concrete	16.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
3	Concrete	16.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
4	Concrete	16.500 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
5	Concrete		2.500 ft.	2.500 ft.		Vertical	No	No	No	No
<b>Bent/Abutment #:</b> 1			<b>Similar Bents:</b> 2							

<b>Title</b> 4/20/17 - J.C.HUNTSINGER				<b>Description</b>			
INTERIOR BENTS				SUBSTRUCTURE DETAILS			
<b>Bridge No:</b> 430239		<b>Drawn By:</b> DELVIN ADAMS		<b>Date:</b> 4/18/2013		<b>File Name:</b> S0102001441	

# Bridge Inspection Field Sketch

## DIAPHRAGM DETAILS

LOCATIONS : MIDPOINTS OF SPANS #1 & 3  
1/3 POINTS OF SPAN #2



4/20/17 - J.C.HUNTSINGER

**Title**

INTERMEDIATE DIAPHRAGMS

**Description**

DIAPHRAGM DETAILS

Bridge No: 430239

Drawn By: DELVIN ADAMS

Date: 4/18/2013

File Name: S0102001442