NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PRIORITY MAINTENANCE

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: RUTHERFORD **STRUCTURE NUMBER:** 800058 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR1178 **MILE POST:**

LOCATION: .1 MI.E.JCT.SR1157

FEATURE INTERSECTED: MOUNTAIN CREEK

LATITUDE: 35° 21' 45.49" **LONGITUDE:** 82° 1' 0.36"

SUPERSTRUCTURE: TIMBER FLOOR ON SALVAGED I-BEAMS

SUBSTRUCTURE: E.BTS&BT2:TIM.CAPS/PILES;BT1:TIM.CAP/TIM P&S/CONC.FTG.

SPANS: 1 @ 35'-6; 1 @ 34'-6; 1 @ 35'-6

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

PRESENT CONDITION: Fair **INSPECTION DATE:** 08/07/2017

POSTED SV: 20 **POSTED TTST:** 26

OTHER SIGNS PRESENT: (1) WEIGHT LIMIT



WEST APPROACH LOOKING EAST

Sign noticed issued for		Number Required
YES	**WEIGHT LIMIT**	1
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS NO PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
TREVOR ENNIS		VICTOR FRAGA

Structure Element Scoring

Structure Number: **800058**

Inspection Date **8/7/2017**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
31	0	Timber Deck	Deck	2110	2110	0	0	0
107	0	Steel Open Girder/Beam	Beam	1070	35	0	1035	0
515	107	Steel Protective Coating	Beam	5410	4627	0	0	783
216	0	Timber Abutment	Abutments	50	50	0	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	20	20	0	0	0
228	0	Timber Pile	Piles and Columns	20	19	1	0	0
235	0	Timber Pier Cap	Caps	80	80	0	0	0
316	0	Other Bearings	Bearing Device	60	0	0	60	0
515	316	Steel Protective Coating	Bearing Device	60	0	0	0	60
330	0	Metal Bridge Railing	Bridge Rail	214	128	86	0	0
510	0	Wearing Surface	Wearing Surfaces	2024	0	0	2024	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **800058** Inspection Date: **08/07/2017**

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	1035 Feet
3344	Timber Pile	Split/Delamination (Timber)	3 Each
3334	Other Bearings	Corrosion	60 Each
3322	Metal Bridge Railing	Damage	61 Feet
2816	Wearing Surface	Crack (Wearing Surface)	2024 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	843 Square Feet

Element Structure Maintenance Quantities

Structure Number: **800058** Inspection Date **08/07/2017**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	0	50	0	0	0	50
Beam	3314	Maintenance Steel Superstructure Components	1035	1070	0	1035	0	35
Beam	3342	Clean and Paint Steel	783	5410	783	0	0	4627
Bearing Device	3334	Bridge Bearing	60	60	0	60	0	0
Bearing Device	3342	Clean and Paint Steel	60	60	60	0	0	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	86	214	0	0	86	128
Caps	3344	Maintenance To Timber Substrcutre	0	80	0	0	0	80
Deck	3324	Maintenance of Timber Deck Components	0	2110	0	0	0	2110
Footing	3348	Maintenance of Concrete Substructure	0	20	0	0	0	20
Piles and Columns	3344	Maintenance To Timber Substrcutre	3	20	0	0	1	19
Wearing Surfaces	2816	Asphalt Surface Repair	2024	2024	0	2024	0	0

Element Condition and Maintenance Data

Structure Number: **800058** Inspection Date: **08/07/2017**

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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 1 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	681	0	0	681	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	UP TO 0.25" TRANSVERSE CRACKS THROUGHOUT ASPHALT WEARING SURFACE.	3	681	681	Square Feet

General Comments

Span 1 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	36	0	36	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	SCRAPE/DAMAGE TO SOUTH RAIL THROUGHOUT SPAN.	2	36	36	Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
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General Comments

Span 1 — Near Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

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

Span 1 — Near Bearing

Other Bearing

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General Comments

Span 1 — Far Bearing

Other Bearing

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General Comments

Span 1 — Near Bearing

Other Bearing

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General Comments

Span 1 — Far Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

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515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

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316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
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515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

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316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

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316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 2 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 2 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 2 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 2 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	35	0	0	35	0	Feet
515	Steel Protective Coating	177	150	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	35	35	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 2 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	662	0	0	662	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	UP TO 0.25" TRANSVERSE CRACKS THROUGHOUT ASPHALT WEARING SURFACE.	3	662	662	Square Feet

General Comments

Span 2 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	35	10	25	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

25' long section of impact damage to guardrail above bent 2.

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 — Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	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	36	0	0	36	0	Feet
515	Steel Protective Coating	182	155	0	0	27	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED IN AREAS OF CORROSION.	4	27	27	Square Feet

General Comments

Span 3 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	681	0	0	681	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	10' LONG X 2' WIDE AREA OF UP TO 0.5" LONGITUDINAL CRACKING IN SOUTH LANE NEAR END BENT 2 .	3			Square Feet
510	Crack (Wearing Surface)	UP TO 0.25" TRANSVERSE CRACKS THROUGHOUT ASPHALT WEARING SURFACE.	3	681	681	Square Feet

General Comments

Span 3 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	36	11	25	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	25' LONG SECTION OF IMPACT DAMAGE TO NORTH RAIL IN SPAN 3.	2	25	25	Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	BEARING ASSEMBLY HAS CORROSION AND UP TO 0.0625" SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE SYSTEM HAS FAILED ON BEARING.	4	1	1	Square Feet

General Comments

Bent 2 — Pile 4

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	Split/Delamination (Timber)	2.5' HIGH X 6" WIDE X 1" DEEP SPLINTERED AREA IN EAST FACE OF PILE 4 AT BENT 2.	2	1	3	Each

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Timber Deck	Timber Deck	710
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	36
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	36
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	36
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	681
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Timber Deck	Timber Deck	690
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	35

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	35
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	35
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	662
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Timber Deck	Timber Deck	710
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	36
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	36
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	36
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	681
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Timber Pier Cap	Timber Pier Cap	20
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2	Timber Pile	Timber Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5	Timber Pile	Timber Pile	1
Bent 1		Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	20
End Bent 1	Cap 1	Timber Pier Cap	Timber Pier Cap	20
End Bent 1	Pile 1	Timber Pile	Timber Pile	1
End Bent 1	Pile 2	Timber Pile	Timber Pile	1
End Bent 1	Pile 3	Timber Pile	Timber Pile	1
End Bent 1	Pile 4	Timber Pile	Timber Pile	1
End Bent 1	Pile 5	Timber Pile	Timber Pile	1
End Bent 1	Abutment	Timber Abutment	Timber Abutment	25
Bent 2	Cap 1	Timber Pier Cap	Timber Pier Cap	20
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2	Timber Pile	Timber Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	Cap 1	Timber Pier Cap	Timber Pier Cap	20
End Bent 2	Pile 1	Timber Pile	Timber Pile	1
End Bent 2	Pile 2	Timber Pile	Timber Pile	1
End Bent 2	Pile 3	Timber Pile	Timber Pile	1
End Bent 2	Pile 4	Timber Pile	Timber Pile	1
End Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	Abutment	Timber Abutment	Timber Abutment	25

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 800058 **Inspection Date:** 08/07/2017

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**7**
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	**6**

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	**G**	**0**	**3376**
Drainage System	G, F, P, or C	**G**	**0**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		**0**	**3352**
Scour	G, F, P, or C	**G**		
Wingwall	G, F, P, or C	**G**	**0**	**3350**
Field Scour Evaluation		**L**		
Drift	G, F, P, or C	**G**	**0**	**3366**
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Estimated Remaining Life	0 - 100 Years	**11**		
Superstructure Paint Code		**A**		

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	**Y**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**7**
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	**N**
Bucket Truck Used	YES/NO	**N**
Boat Used	YES/NO	**N**
Other Equipment Used	YES/NO	**N**

National Bridge and NC SMU Inspection Item Details

Structure Number: 800058 **Inspection Date:** 08/07/2017

Item	Superstructure - Item 59	**Grade**	5	**Maint Code**		**Qty.**	0
Details	SUPERSTRUCTURE GRADE LOWERED DUE TO SECTION LOSS THROUGHOUT BEAMS.						

Item	Approach Roadway Alignment - Item 72	**Grade**	6	**Maint Code**		**Qty.**	0
Details	UP TO 1" SETTLEMENT OF EAST APPROACH ROADWAY.						

Item	Wingwalls	**Grade**	G	**Maint Code**	3350	**Qty.**	0
Details	EROSION BEHIND NORTHWEST WINGWALL.						



WEST APPROACH WEIGHT LIMIT SIGN IS DOWN (PRIORITY MAINTENANCE)



DECK OVERVIEW WITH UP TO 0.25" TRANSVERSE CRACKS THROUGHOUT ASPHALT WEARING SURFACE



UP TO 1" SETTLEMENT OF EAST APPROACH ROADWAY



10' LONG X 2' WIDE AREA OF UP TO 0.5" LONGITUDINAL CRACKING IN SOUTH LANE NEAR END BENT 2



25' LONG SECTION OF IMPACT DAMAGE TO NORTH RAIL IN SPAN 3



SCRAPE/DAMAGE TO SOUTH RAIL THROUGHOUT SPAN 1



EROSION BEHIND NORTHWEST WINGWALL



TYPICAL END BENT BEARING ASSEMBLY WITH CORROSION AND UP TO 0.0625" SECTION LOSS



TYPICAL INTERIOR BENT BEARING ASSEMBLY WITH CORROSION AND UP TO 0.0625" SECTION LOSS



BEAM 1 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 2 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 3 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 4 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 5 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 6 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 7 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 8 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 9 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 10 SPAN 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 2 SPAN 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 3 SPAN 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 4 SPAN 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



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BEAM 1 SPAN 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



BEAM 2 SPAN 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE)



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2.5' HIGH X 6" WIDE X 1" DEEP SPLINTERED AREA IN EAST FACE OF PILE 4 AT BENT 2



25' LONG SECTION OF IMPACT DAMAGE TO NORTH RAIL IN SPAN 3



NORTHWEST GUARDRAIL END TREATMENT (NORTHEAST SIMILAR)



WEST APPROACH LOOKING EAST



SOUTH STRUCTURE ELEVATION



NORTH STRUCTURE ELEVATION



EAST APPROACH WEIGHT LIMIT SIGN



EAST APPROACH LOOKING WEST



SOUTHEAST GUARDRAIL END TREATMENT



LOOKING UPSTREAM



LOOKING DOWNSTREAM



END BENT 1



BENT 1



UNDERSIDE SPAN 2



BENT 2



END BENT 2

Stream Bed Soundings

(Profile diagram on following sheet)

County **RUTHERFORD** Structure Number: **800058** Inspection Date **08/07/2017**

Sounding recorded from: **Top of Bridge Rail**

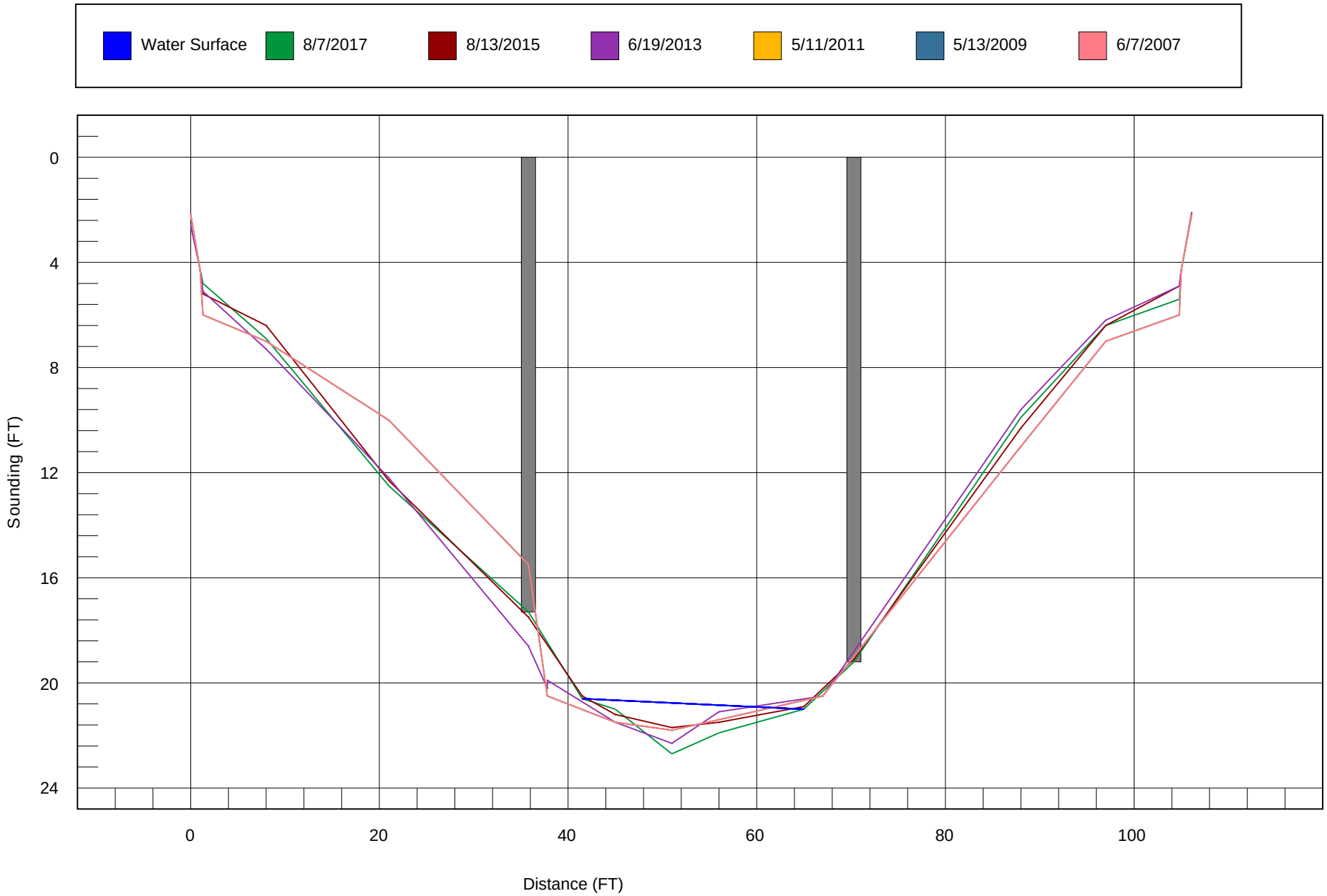
Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
1.000	4.300	0.000	TOP OF CAP
1.300	4.800	5.300	FACE OF CAP
8.000	6.900	0.000	
21.000	12.500	0.000	
35.800	17.300	17.000	BENT 1
41.500	20.600	0.000	WSWE
45.000	21.000	0.000	
51.000	22.700	0.000	
56.000	21.900	0.000	
65.000	21.000	0.000	WSWE
70.300	19.200	20.700	BENT 2
88.000	9.900	0.000	
97.000	6.400	0.000	
104.800	5.400	7.100	FACE OF CAP
105.000	4.300	0.000	FACE OF CAP

Bridge: 800058 County: RUTHERFORD Date: 08/07/2017

STREAMBED PROFILE (Downstream)

Top of Rail = 0FT (Sounding)



NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 10/31/2017

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **800058**
(8) STRUCTURE NUMBER(FEDERAL) 000000001610058
(5) INVENTORY ROUTE (ON/UNDER) - ON 31011780
(2) STATE HIGHWAY DEPARTMENT DISTRICT 1
(3) COUNTY CODE 161 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - MOUNTAIN CREEK
(7) FACILITY CARRIED SR1178
(9) LOCATION .1 MI.E.JCT.SR1157
(11)MILEPOINT 0
(16)LAT 35° 21' 45.49" (17)LONG 82° 1' 0.36"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Steel
TYPE - Stringer Mutlibeam or Girder CODE 302
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 8 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - CODE
(B) TYPE OF MEMBRANE - CODE
(C) TYPE OF DECK PROTECTION - CODE

AGE AND SERVICE

(27) YEAR BUILT 1950
(106)YEAR RECONSTRUCTED
(42) TYPE OF SERVICE : ON - Highway
UNDER - Waterway CODE 15
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0
(29) AVERAGE DAILY TRAFFIC 820
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT 6%
(19) BYPASS OR DETOUR LENGTH 5 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 35 FT
(49) STRUCTURE LENGTH 106 FT
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT 0 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 19.167 FT
(52) DECK WIDTH OUT TO OUT 20 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 19 FT
(33) BRIDGE MEDIAN - No Median CODE 0
(34) SKEW 0° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 19.167 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad 0 FT
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad 000 FT
(56) MIN LAT UNDERCLEAR LT REF - 000 FT

NAVIGATION DATA

(38) NAVIGATION CONTROL - No Navigational Control CODE 0
(111)PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

SUFFICIENCY RATING = 43.26
STATUS = Functionally Obsolete

CLASSIFICATION — CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Local 09
(100)STRAHNET HIGHWAY - Not a STRAHNET Route 0
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - 2-way Traffic 2
(103)TEMPORARY STRUCTURE -
(110)DESIGNATED NATIONAL NETWORK - Not on the National Network 0
(20) TOLL On Free Road 3
(31) MAINTAIN - State Highway Agency 01
(22) OWNER - State Highway Agency 01
(37) HISTORICAL SIGNIFICANCE - Not Eligible 5

CONDITION — CODE

(58) DECK 7
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 5
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD Unknown 0
(63) OPERATING RATING METHOD - Load Factor 1
(64) OPERATING RATING - HS-15 27
(65) INVENTORY RATING METHOD - Load Factor 1
(66) INVENTORY RATING - HS-9 16
(70) BRIDGE POSTING - Posting Required 0
(41) STRUCTURE OPEN, POSTED ,OR CLOSED P
DESCRIPTION - Posted for Load

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION 4
(68) DECK GEOMETRY 2
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 6
(36) TRAFFIC SAFETY FEATURES 0000
(113)SCOUR CRITICAL BRIDGES U

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK - CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114)FUTURE ADT 1640 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 08/07/2017
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)
B) UNDERWATER INSP - NO B)
C) OTHER SPECIAL INSP NO C)
SCOUR

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 10/31/2017

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
RUTHERFORD	13	1	800058	106 FEET

ROUTE CARRIED : SR1178

FEATURE INTERSECTED : MOUNTAIN CREEK

LOCATED : .1 MI.E.JCT.SR1157

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :			
09	NFA	NFA	820	2015	LT	253	RT	253

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1950	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :			
	BMU	5.8951	TAN	90	ON	2	UNDER	0

NAVIGATION :					HT. CRN. TO BED :		WATER DEPTH :	
VC	0	FT	HC	0	FT	20 FT	2	FT

SUPERSTRUCTURE : TIMBER FLOOR ON SALVAGED I-BEAMS

SUBSTRUCTURE : E.BTS&BT2:TIM.CAPS/PILES;BT1:TIM.CAP/TIM P&S/CONC.FTG.

SPANS : 1 @ 35'-6; 1 @ 34'-6; 1 @ 35'-6

BEAMS OR GIRDERS : 10 LINES 16 I-BEAMS @ 2' CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8 TIM/3 AWS		20 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
19.167 FT	19.167 FT	LT	0 FT	RT	0 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :					
HS-9	HS-15	Int.Beam	SV	18	TTST	23	DATE	10/27/2017

SYSTEM : Secondary S.R. Route

GREEN LINE ROUTE : N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD Date: 08/07/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3252	Repair Ground Mounted Signs	EA	1	WEST APPROACH WEIGHT LIMIT SIGN IS DOWN	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 4: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 6: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD Date: 08/07/2017

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	36	Span 1 Beam 7: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 8: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 9: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 10: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	

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3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 6: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
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3314	Maintain Steel Superstructure Components	LF	35	Span 3 Beam 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	35	Span 3 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
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3314	Maintain Steel Superstructure Components	LF	35	Span 3 Beam 4: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	
3314	Maintain Steel Superstructure Components	LF	36	Span 3 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	

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3314	Maintain Steel Superstructure Components	LF	36	Span 3 Beam 10: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3252	Repair Ground Mounted Signs	1 EA

Location:		
Wearing Surface	Bent/Span No. 1	WEST APPROACH

Priority Level	Status
Critical Finding	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	VICTOR FRAGA

Details
WEST APPROACH WEIGHT LIMIT SIGN IS DOWN

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
	Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details
Span 1 Beam 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 4: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 6: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 7: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 8: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 9: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 1 Beam 10: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 4: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 6: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 7: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 8: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 9: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 2 Beam 10: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 1: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 2: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 3: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 4: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 5: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 6: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 7: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 8: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800058 County RUTHERFORD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

Span 3 Beam 9: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	36 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/07/2017	TREVOR ENNIS	

Details

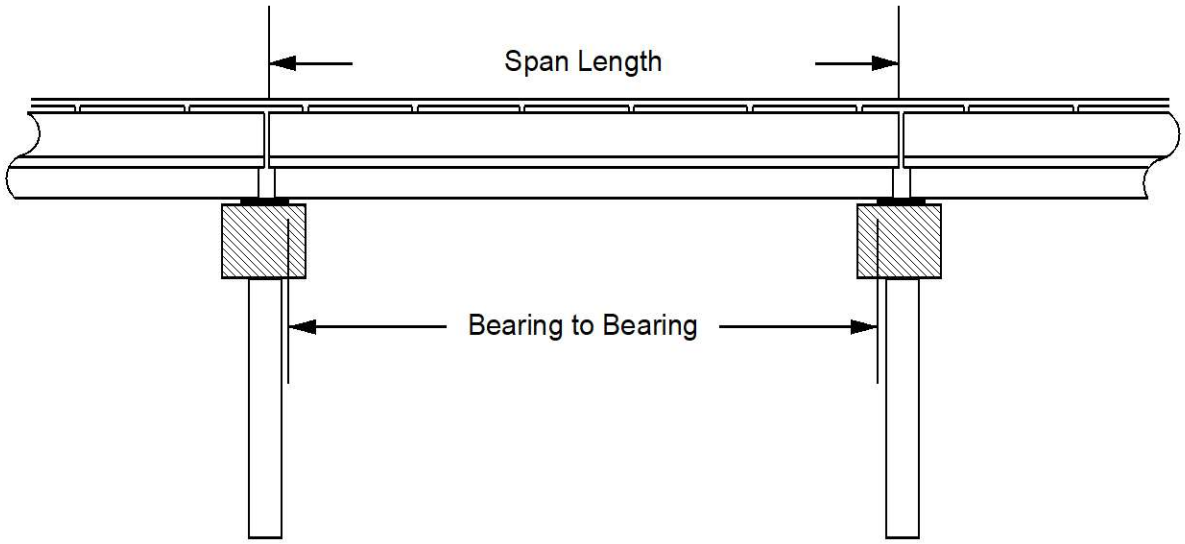
Span 3 Beam 10: CORROSION AND SECTION LOSS THROUGHOUT TOP FLANGE EDGES AND SCATTERED AREAS OF BOTTOM FLANGE EDGES WITH 0.25" REMAINING IN WORST LOCATIONS (PRIORITY MAINTENANCE).



WEST APPROACH WEIGHT LIMIT SIGN IS DOWN

Structure Data Worksheet

County: RUTHERFORD **Structure No:** 800058 **Date:** 08/07/2017 **Inspected By:** TNE



Span No	Span Length	Bearing to Bearing	Comments
1	35.50	34.5	NBIS=103.5'
2	34.50	33.5	
3	35.50	34.5	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 800058 **County:** RUTHERFORD **Date:** 08/07/2017 **By:** TNE

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

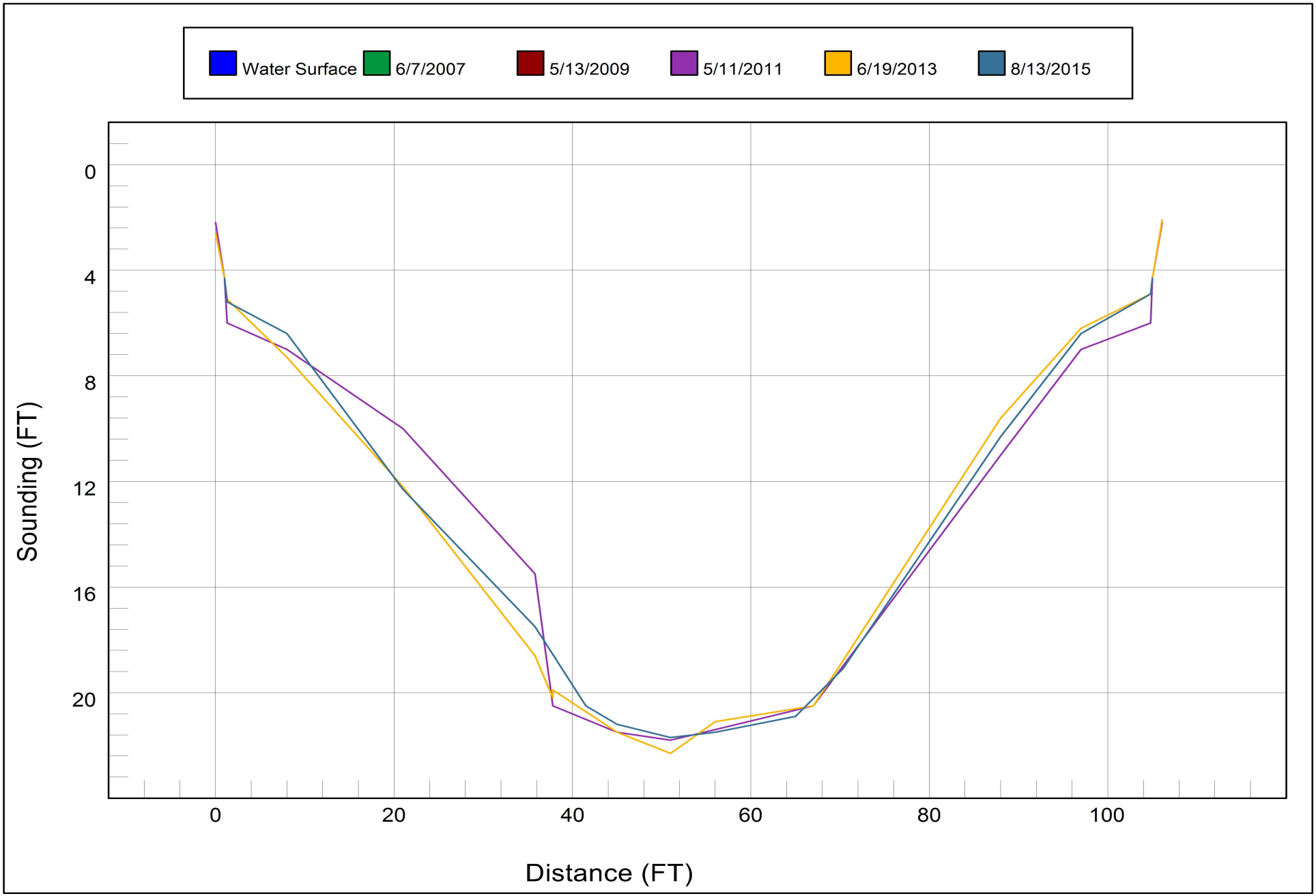
Distance from Highwater Mark to top of rail: **Location of Highwater Mark:**

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description

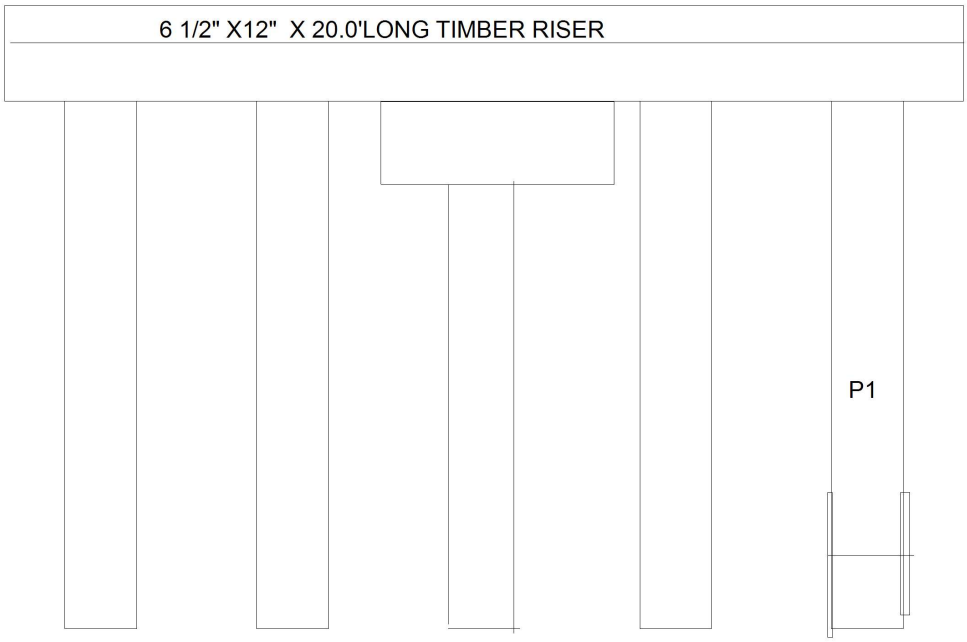
Bridge: 800058 County RUTHERFORD Date: 08/07/2017

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



PILE P1 AT ABUT. 2 SPLICED AND BOLTED WITH MOTOR GRADER BLADES

Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	20ft Long	0.979ft Wide	1ft High
Left Overhang	1.083ft	Lt Cap/Beam Overhang	1.0'ft
Right Overhang	1.083ft	Rt Cap/Beam Overhang	1.067'ft
Timber Sub Cap			
Size	3.5ft Long	0.979ft Wide	0.979ft High
Left pile to splice			
Left Overhang	1.667ft		
Right Overhang	1.75ft		

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	4.167'		11"		Vertical
2	Wood or Timber	Pile Bent	4.333'		1.0'		Vertical
3	Wood or Timber	Pile Bent	4.250'		11"		Vertical
4	Wood or Timber	Pile Bent	4.333'		1.0'		Vertical
5	Wood or Timber	Pile Bent			11"		Vertical

VERIFIED BY VEF ON 8-7-2017

Title

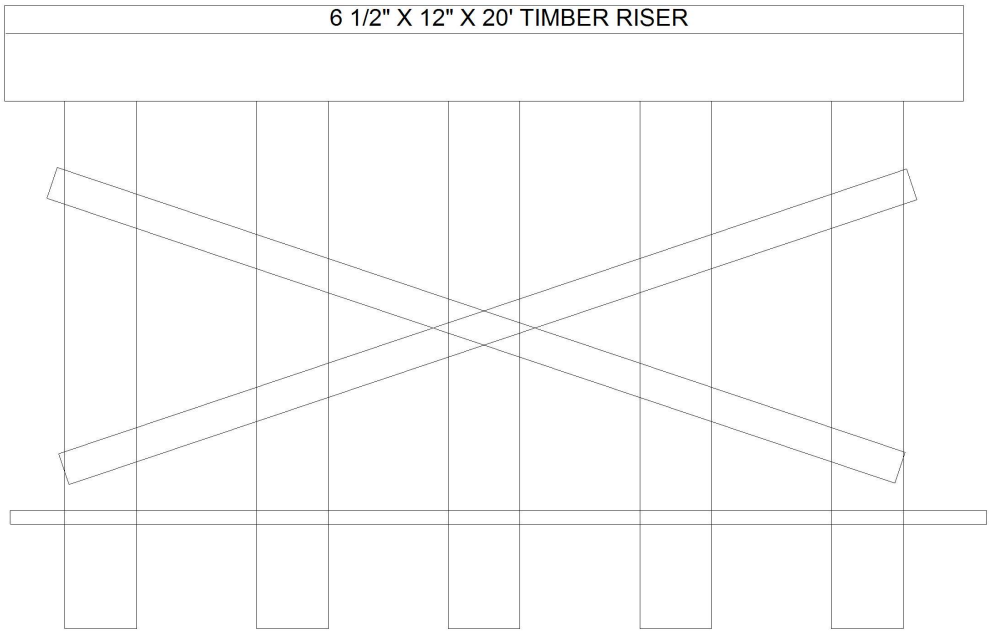
ABUT. 2

Description

Pile details

Bridge No: 800058 **Drawn By:** DCR **Date:** 06/06/2007 **File Name:** S0142001452

Bridge Inspection Field Sketch



2 3/4" 9 1/2" TIMBER CROSSBRACING
2 3/4" 9 1/2" LEVEL BRACING

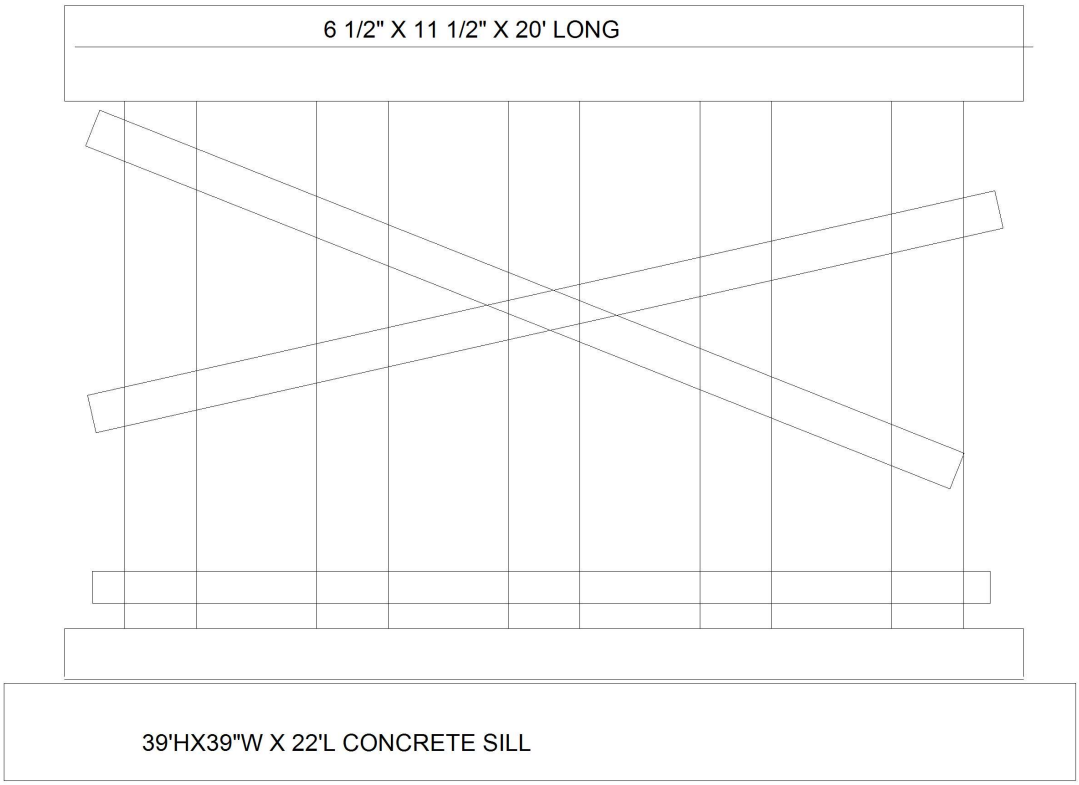
Bent #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	20ft Long	0.979ft Wide	1ft High
Left Overhang	1.167ft	Lt Cap/Beam Overhang	1.067'ft
Right Overhang	1.083ft	Rt Cap/Beam Overhang	1.067'ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	4.250'		1.0'		Vertical
2	Wood or Timber	Pile Bent	4.417'		1.0'		Vertical
3	Wood or Timber	Pile Bent	4.167'		1.0'		Vertical
4	Wood or Timber	Pile Bent	4.0'		1.0'		Vertical
5	Wood or Timber	Pile Bent			1.0'		Vertical

VERIFIED BY VEF ON 8-7-17

Title	**Description**		
BENT 2	PILE DETAILS		
Bridge No: 800058	**Drawn By:** DCR	**Date:** 06/06/2007	**File Name:** S0142001453

Bridge Inspection Field Sketch



TIMBER CROSSBRACING AND LEVEL BRACING IS 2 1/2" X 9 3/4"

Bent #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	20ft Long	0.979ft Wide	1ft High
Left Overhang	2ft	Lt Cap/Beam Overhang	1.0'ft
Right Overhang	0.75ft	Rt Cap/Beam Overhang	1.167"ft
Sill - Sill			
Sill Size	20ft Long	2.25ft Wide	2.25ft High

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	4.0'		1.0'	9.833'	Vertical
2	Wood or Timber	Pile Bent	4.583'		1.0'	9.833'	Vertical
3	Wood or Timber	Pile Bent	4.500'		1.0'	9.833'	Vertical
4	Wood or Timber	Pile Bent	4.417'		1.0'	9.833'	Vertical
5	Wood or Timber	Pile Bent			1.0'	9.833'	Vertical

VERIFIED BY VEF ON 8-7-17

Title

BENT 1

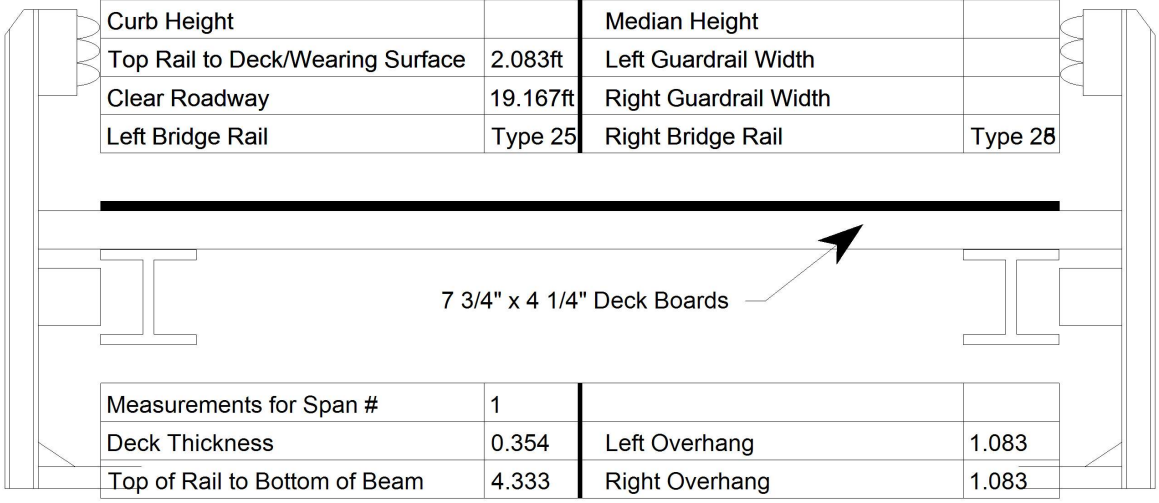
Description

PILE DETAILS

Bridge No: 800058 **Drawn By:** DCR **Date:** 06/06/2007 **File Name:** S0142001454

Bridge Inspection Field Sketch

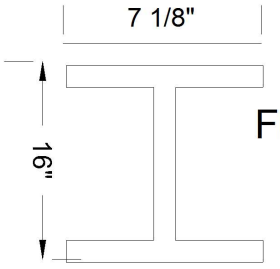
Deck Width/Out to Out	20ft	Wearing Surface	0.25ft
Between Rails	19.167ft	Median Width	
Curb Height		Median Height	
Top Rail to Deck/Wearing Surface	2.083ft	Left Guardrail Width	
Clear Roadway	19.167ft	Right Guardrail Width	
Left Bridge Rail	Type 25	Right Bridge Rail	Type 28



Measurements for Span #	1		
Deck Thickness	0.354	Left Overhang	1.083
Top of Rail to Bottom of Beam	4.333	Right Overhang	1.083

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.0 ft.	
2	Steel I Beam	2.0 ft.	
3	Steel I Beam	2.0 ft.	
4	Steel I Beam	2.0 ft.	
5	Steel I Beam	2.0 ft.	
6	Steel I Beam	2.0 ft.	
7	Steel I Beam	2.0 ft.	
8	Steel I Beam	2.0 ft.	
9	Steel I Beam	2.0 ft.	
10	Steel I Beam		

NON-TAPERED FLG.



FLG AND WEB THICKNESS= 3/8"

VERIFIED BY VEF ON 8-7-17

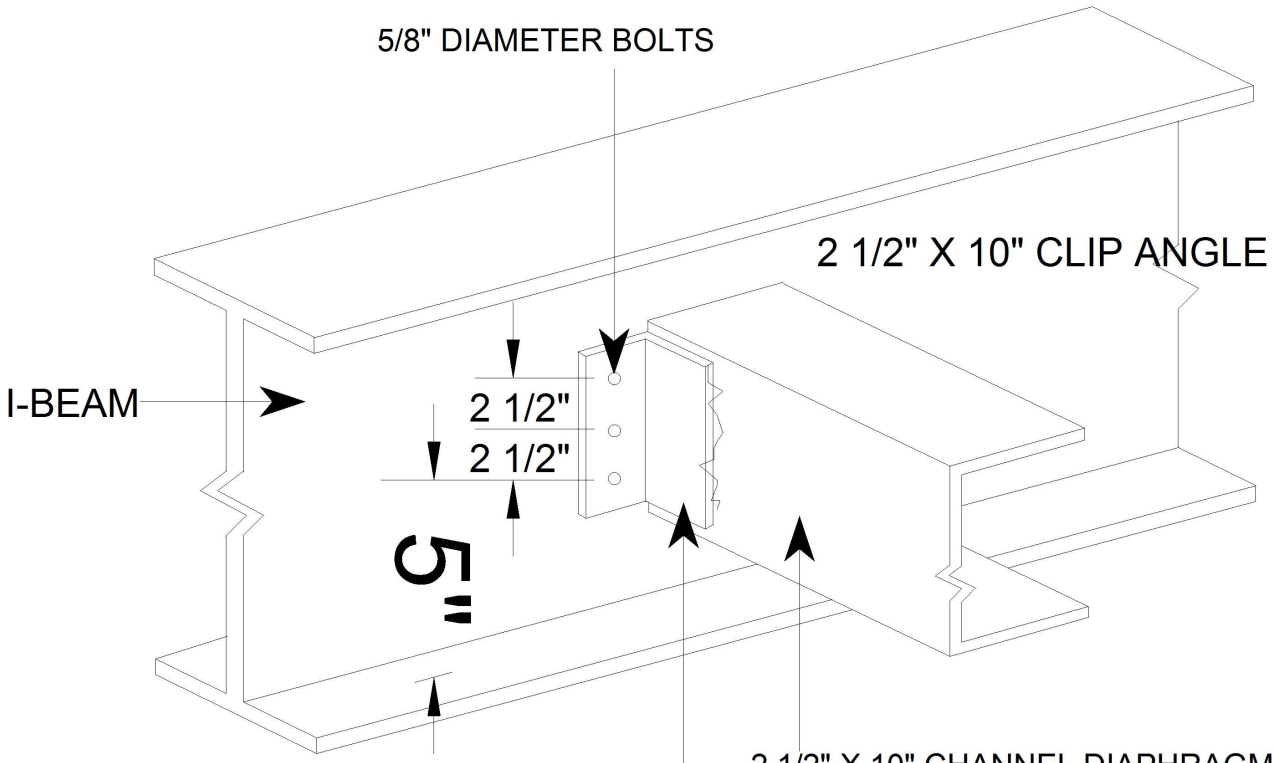
Title	Description
DECK SECTION	TOP AND BOTTOM DETAILS

Bridge No:	Drawn By:	Date:	File Name:
800058	DCR	06/06/2007	S0142001455

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

first DIAPH. IS 11 '-6" FROM BM. END
Second @ 11-8" from first diaph



VERIFIED BY VEF ON 8-7-17

STEEL ANGLE WELDED TO WEBS OF CHANNEL DIAPHRAGM AND BOLTED TO BEAM

Title	Description
DIAPH	DETAILS

Bridge No:	Drawn By:	Date:	File Name:
800058	DCR	06/06/2007	S0142001456

Bridge Inspection Field Sketch

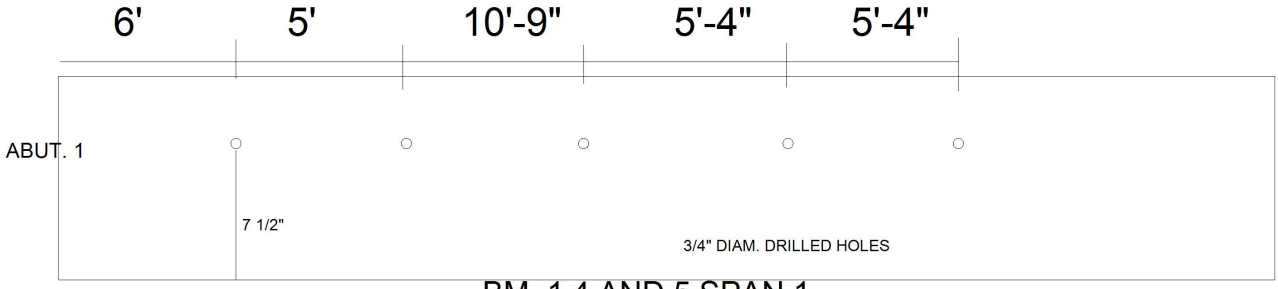


Roadway	19.167ft Wide	2 Paved Lanes	Looking East
Left Shoulder	3ft Wide		3ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

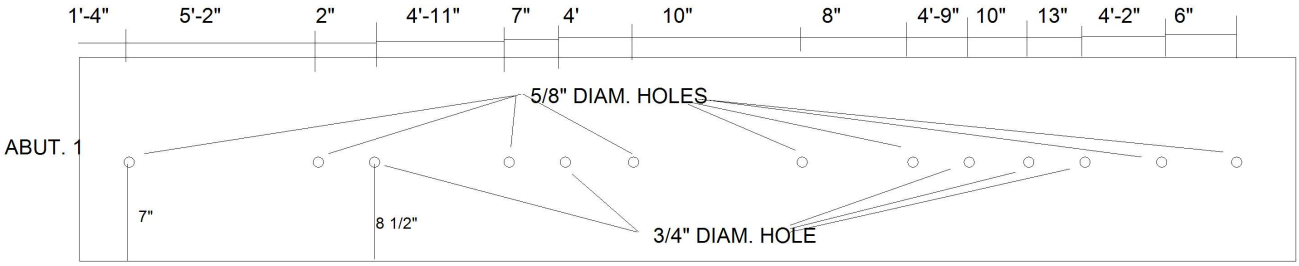
VERIFIED BY VEF ON 8-7-17

Title	**Description**		
APPROACH	DETAILS		
Bridge No: 800058	**Drawn By:** DCR	**Date:** 06/06/2007	**File Name:** S0142001457

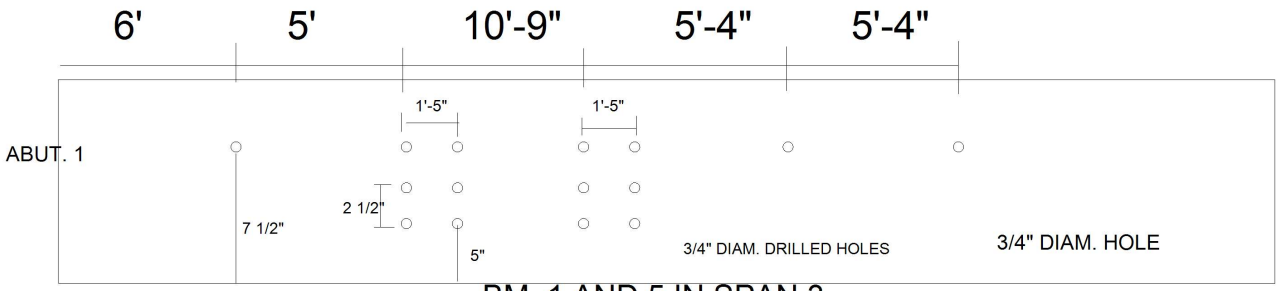
Bridge Inspection Field Sketch



BM. 1,4 AND 5 SPAN 1



BM. 3,6 AND 8,9 SPAN 1



BM. 1 AND 5 IN SPAN 3

VERIFIED BY VEF ON 8-7-17

Title	Description
HOLES IN BMS.	DETAILS

Bridge No:	Drawn By:	Date:	File Name:
800058	DCR	06/07/2007	S0142001459