NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PRIORITY MAINTENANCE ISSUED;CHANGE TO APPROACH ROADWAY DATA

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: RUTHERFORD **STRUCTURE NUMBER:** 800265 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR1194 **MILE POST:**

LOCATION: 0.05 MI.S.JCT.SR1178

FEATURE INTERSECTED: MAPLE CREEK

LATITUDE: 35° 21' 44.17" **LONGITUDE:** 82° 1' 15.72"

SUPERSTRUCTURE: TIMBER FLOOR ON I-BEAMS (STD BMD-8)

SUBSTRUCTURE: E.BTS:TIMBER CAPS/TIMBER POST&SILLS @ VAR.CTS.

SPANS: 1 @ 30'-6

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

PRESENT CONDITION: Fair **INSPECTION DATE:** 02/16/2017

POSTED SV: 20 21 **POSTED TTST:** 26 28

OTHER SIGNS PRESENT: 4 DELINEATORS; 2 ONE LANE BRIDGE SIGNS



Looking north

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

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS NO PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
Rick Wertman		Jim Stocks

Structure Element Scoring

Structure Number: **800265**

Inspection Date **2/16/2017**

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	644	644	0	0	0
107	0	Steel Open Girder/Beam	Beam	360	104	250	6	0
515	107	Steel Protective Coating	Beam	1644	1132	0	500	12
206	0	Timber Column	Piles and Columns	6	6	0	0	0
216	0	Timber Abutment	Abutments	60	60	0	0	0
228	0	Timber Pile	Piles and Columns	6	6	0	0	0
235	0	Timber Pier Cap	Caps	44	44	0	0	0
313	0	Fixed Bearing	Bearing Device	24	0	24	0	0
515	313	Steel Protective Coating	Bearing Device	24	0	18	6	0
332	0	Timber Bridge Railing	Bridge Rail	62	62	0	0	0
515	332	Steel Protective Coating	Bridge Rail	122	122	0	0	0
510	0	Wearing Surface	Wearing Surfaces	613	538	25	50	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **800265** Inspection Date: **02/16/2017**

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	6 Feet
2816	Wearing Surface	Crack (Wearing Surface)	75 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	536 Square Feet

Element Structure Maintenance Quantities

Structure Number: **800265** Inspection Date **02/16/2017**

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	60	0	0	0	60
Beam	3314	Maintenance Steel Superstructure Components	6	360	0	6	250	104
Beam	3342	Clean and Paint Steel	512	1644	12	500	0	1132
Bearing Device	3334	Bridge Bearing	0	24	0	0	24	0
Bearing Device	3342	Clean and Paint Steel	24	24	0	6	18	0
Bridge Rail	3316	Maintenance of Timber Bridge Rail	0	62	0	0	0	62
Bridge Rail	3342	Clean and Paint Steel	0	122	0	0	0	122
Caps	3344	Maintenance To Timber Substrcutre	0	44	0	0	0	44
Deck	3324	Maintenance of Timber Deck Components	0	644	0	0	0	644
Piles and Columns	3344	Maintenance To Timber Substrcutre	0	12	0	0	0	12
Wearing Surfaces	2816	Asphalt Surface Repair	75	613	0	50	25	538

Element Condition and Maintenance Data

Structure Number: **800265** Inspection Date: **02/16/2017**

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	30	20	10	0	0	Feet
515	Steel Protective Coating	137	117	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	20	20	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	30	5	25	0	0	Feet
515	Steel Protective Coating	137	87	0	50	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	50	50	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	30	10	20	0	0	Feet
515	Steel Protective Coating	137	97	0	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	40	40	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	30	0	30	0	0	Feet
515	Steel Protective Coating	137	77	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	30		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	60	60	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	30	0	30	0	0	Feet
515	Steel Protective Coating	137	77	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	30		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	60	60	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	30	15	15	0	0	Feet
515	Steel Protective Coating	137	107	0	30	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web, typical.	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	30	30	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	30	5	25	0	0	Feet
515	Steel Protective Coating	137	87	0	50	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	50	50	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	30	0	30	0	0	Feet
515	Steel Protective Coating	137	77	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	30		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	60	60	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	30	10	20	0	0	Feet
515	Steel Protective Coating	137	97	0	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	40	40	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	30	15	15	0	0	Feet
515	Steel Protective Coating	137	107	0	30	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	30	30	Square Feet

General Comments

Span 1 Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	30	15	15	0	0	Feet
515	Steel Protective Coating	137	107	0	30	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	30	30	Square Feet

General Comments

Span 1 Beam 12

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	30	9	15	6	0	Feet
515	Steel Protective Coating	137	95	0	30	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PM--Corrosion with section loss on west side of flange 1/8" remaining at bottom flange edge, 1/4" average remaining full width.	3	6	6	Feet
107	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web.	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	Coating has failed.	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	30	30	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	613	538	25	50	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	Several 1/8" full width transverse cracks throughout span.	3	50	50	Square Feet
510	Crack (Wearing Surface)	Several hairline to 1/16" longitudinal cracks at various locations throughout span.	2	25	25	Square Feet

General Comments

Structure Number: **800265** Inspection Date: **02/16/2017**

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each

515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Structure Number: **800265** Inspection Date: **02/16/2017**

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Light surface rust present.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Substantially effective with freckled rust.	2	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	Corrosion with pack rust initiating with no measurable section loss, less then 1/16".	2	1		Each
515	Effectiveness (Steel Protective Coatings)	Limited effectiveness, coating starting to fail.	3	1	1	Square Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Timber Deck	Timber Deck	644
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 11	Plate Girder	Steel Open Girder/Beam	30
Span 1	Beam 12	Plate Girder	Steel Open Girder/Beam	30
Span 1	Left Bridge Rail	Timber Rail	Timber Bridge Railing	31
Span 1	Right Bridge Rail	Timber Rail	Timber Bridge Railing	31
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	613
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
End Bent 1		Timber Pier Cap	Timber Pier Cap	22
End Bent 1		Timber Column	Timber Column	1
End Bent 1		Timber Column	Timber Column	1
End Bent 1		Timber Column	Timber Column	1
End Bent 1		Timber Column	Timber Column	1

Elements Verfied

Location	Name	Component	Element Name	Amount
End Bent 1		Timber Column	Timber Column	1
End Bent 1		Timber Column	Timber Column	1
End Bent 1		Timber Abutment	Timber Abutment	30
End Bent 2		Timber Pier Cap	Timber Pier Cap	22
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Pile	Timber Pile	1
End Bent 2		Timber Abutment	Timber Abutment	30

National Bridge and NC Inspection Items

Structure Number: 800265 **Inspection Date:** 02/16/2017

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	**7**
Item 61: Channel and Channel Protection	0 - 9 , N	**6**
Item 62: Culvert	0 - 9 , N	**N**
Item 71: Waterway Adequacy	0 - 9 , N	**6**
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	**F**	**30**	**3352**
Scour	G, F, P, or C	**F**		
Wingwall	G, F, P, or C	**G**	**0**	**3350**
Field Scour Evaluation		**O**		
Drift	G, F, P, or C	**G**	**0**	**3366**
Fender System	G, F, P, or C		**0**	**3364**
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Estimated Remaining Life	0 - 100 Years	**20**		
Superstructure Paint Code		**A**		

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	**N**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**5**
Traffic Control Time	Hours	**0**
Snooper Time	Hours	**0**
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: 800265 **Inspection Date:** 02/16/2017

Item Channel and Channel Protection - Item 61 **Grade** 6 **Maint Code** **Qty.** 0

Details Embankment erosion/scour at abutment 2 3' wide x 2' deep x 15' long. The top of the bottom sill is exposed.

Embankment erosion at upstream north embankment approximately 20' from bridge.

Item Approach Roadway Alignment - Item 72 **Grade** 6 **Maint Code** **Qty.** 0

Details PM--7" of settlement in right shoulder near edge of lane south approach at bridge.

Item Slope Protection **Grade** F **Maint Code** 3352 **Qty.** 30

Details Embankment erosion/scour at abutment 2 3' wide x 2' deep x 15' long. The top of the bottom sill is exposed.

Item Scour **Grade** F **Maint Code** **Qty.** 0

Details Embankment erosion/scour at abutment 2 3' wide x 2' deep x 15' long. The top of the bottom sill is exposed.



Span 1 Beam 12: PM--Corrosion with section loss on west side of flange 1/8" remaining at bottom flange edge, 1/4" average remaining full width.



Abutment 1 (previous repairs) helper piles added to piles 1 and 4. Top 3 bulkhead boards and cap replaced.



Abutment 2 (previous repairs) helper piles added to piles 1 and 4. Top 3 bulkhead board and cap replaced.



Embankment erosion at upstream north embankment approximately 20' from bridge.



Embankment erosion/scour at abutment 2 3' wide x 2' deep x 15' long. The top of the bottom sill is exposed.



Corrosion with pack rust initiating with no measurable section loss, less then 1/16" on top and bottom flange and bottom 3" of web, typical.



PM--7" of settlement in right shoulder near edge of lane at bridge south approach



One lane bridge sign at north approach



Looking north



One lane bridge sign at south approach



Looking east downstream



Looking west upstream



South posting sign



East elevation



Abutment 1, abutment 2 similar



Superstructure underside



West elevation



Poured concrete apron at abutment 1

NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 08/04/2017

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **800265**
(8) STRUCTURE NUMBER(FEDERAL) 000000001610265
(5) INVENTORY ROUTE (ON/UNDER) - ON 31011940
(2) STATE HIGHWAY DEPARTMENT DISTRICT 1
(3) COUNTY CODE 161 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - MAPLE CREEK
(7) FACILITY CARRIED SR1194
(9) LOCATION 0.05 MI.S.JCT.SR1178
(11)MILEPOINT 0
(16)LAT 35° 21' 44.17" (17)LONG 82° 1' 15.72"
(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 1
(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 1960
(106)YEAR RECONSTRUCTED 1992
(42) TYPE OF SERVICE : ON - Highway
UNDER - Waterway CODE 15
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0
(29) AVERAGE DAILY TRAFFIC 230
(30) YEAR OF ADT 2012 (109) TRUCK ADT PCT 6%
(19) BYPASS OR DETOUR LENGTH 6 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 29 FT
(49) STRUCTURE LENGTH 31 FT
(50)CURB OR SIDEWALK: LEFT .3 FT RIGHT .3 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 20.083 FT
(52) DECK WIDTH OUT TO OUT 21.083 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 18 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 20.083 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 = 47.94
STATUS = Not Deficient

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 7
(61) CHANNEL & CHANNEL PROTECTION 6
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD Unknown 0
(63) OPERATING RATING METHOD - Load Factor 1
(64) OPERATING RATING - HS-16 28
(65) INVENTORY RATING METHOD - Load Factor 1
(66) INVENTORY RATING - HS-9 17
(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 4
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 6
(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 460 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 02/16/2017
(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: 08/04/2017

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
RUTHERFORD	13	1	800265	31 FEET

ROUTE CARRIED : SR1194

FEATURE INTERSECTED : MAPLE CREEK

LOCATED : 0.05 MI.S.JCT.SR1178

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	230 2012	LT 227 RT 227

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1960	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :
1992	BMU	5.8951	TAN	90	ON 2 UNDER 0

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT	10 FT	1 FT

SUPERSTRUCTURE : TIMBER FLOOR ON I-BEAMS (STD BMD-8)

SUBSTRUCTURE : E.BTS:TIMBER CAPS/TIMBER POST&SILLS @ VAR.CTS.

SPANS : 1 @ 30'-6

BEAMS OR GIRDERS : 12 LINES 14 I-BEAMS @ 1'-9 CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8 TIM/3.5" AWS		21.083 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
20.083 FT	20.75 FT	LT .3 FT RT .3 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :
HS-9	HS-16	Int.bms	SV 17 TTST 23 DATE 08/04/2017

SYSTEM : Secondary S.R. Route

GREEN LINE ROUTE : N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 800265 County RUTHERFORD Date: 02/16/2017

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	6	Span 1 Beam 12: Corrosion with section loss on west side of flange 1/8" remaining at bottom flange edge, 1/4" average remaining full width.	
2816	Asphalt Surface Repair or Replacement	SY	1	PM--7" OF SETTLEMENT IN RIGHT SHOULDER NEAR EDGE OF LANE AT BRIDGE SOUTH APPROACH	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 800265 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	6 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Maintenance Work Completed

Submitted Date:	Submitted By:	Assisted By:
02/17/2017	Rick Wertman	

Details
Span 1 Beam 12: Corrosion with section loss on west side of flange 1/8" remaining at bottom flange edge, 1/4" average remaining full width.

MMS Code	MMS Description	Quantity
2816	Asphalt Surface Repair or Replacement	1 SY

Location:
Slope Bent/Span No. 1 South Approach

Priority Level	Status
Recommended	Routine Maintenance

Submitted Date:	Submitted By:	Assisted By:
02/17/2017	Rick Wertman	Jim Stocks

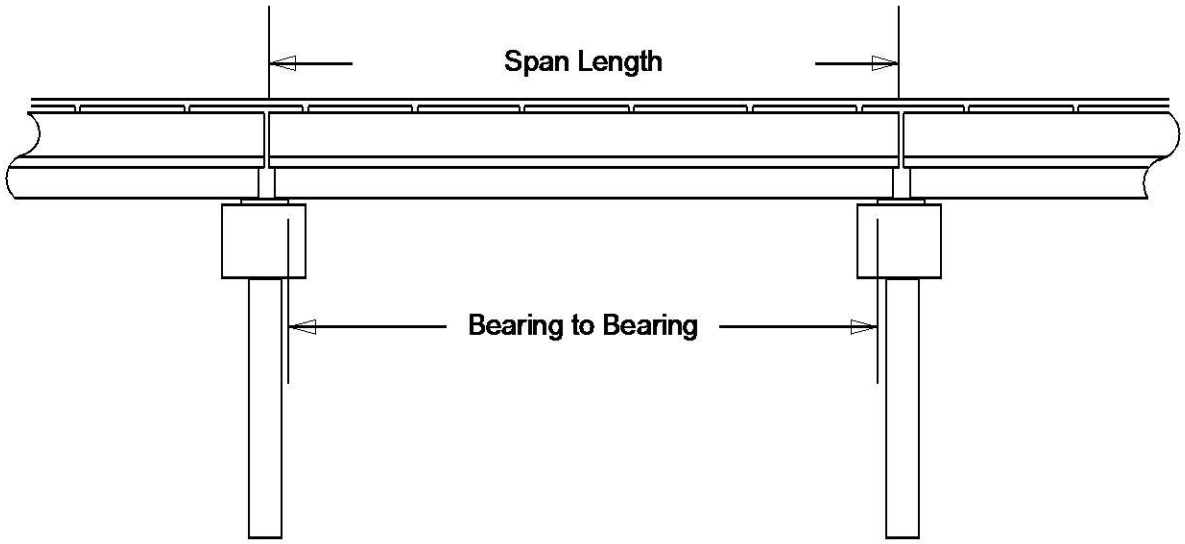
Details
PM--7" OF SETTLEMENT IN RIGHT SHOULDER NEAR EDGE OF LANE AT BRIDGE SOUTH APPROACH



PM--7" OF SETTLEMENT IN RIGHT SHOULDER NEAR EDGE OF LANE AT BRIDGE SOUTH APPROACH

Structure Data Worksheet

County: RUTHERFORD **Structure No:** 800265 **Date:** 02/16/2017 **Inspected By:** RFW



Span No	Span Length	Bearing to Bearing	Comments
1	30.5	29.333	NBIS=28.5" MEAS.VERIFIED 2/16/2017...RFW

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 800265 **County:** RUTHERFORD **Date:** 02/16/2017 **By:** RFW

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

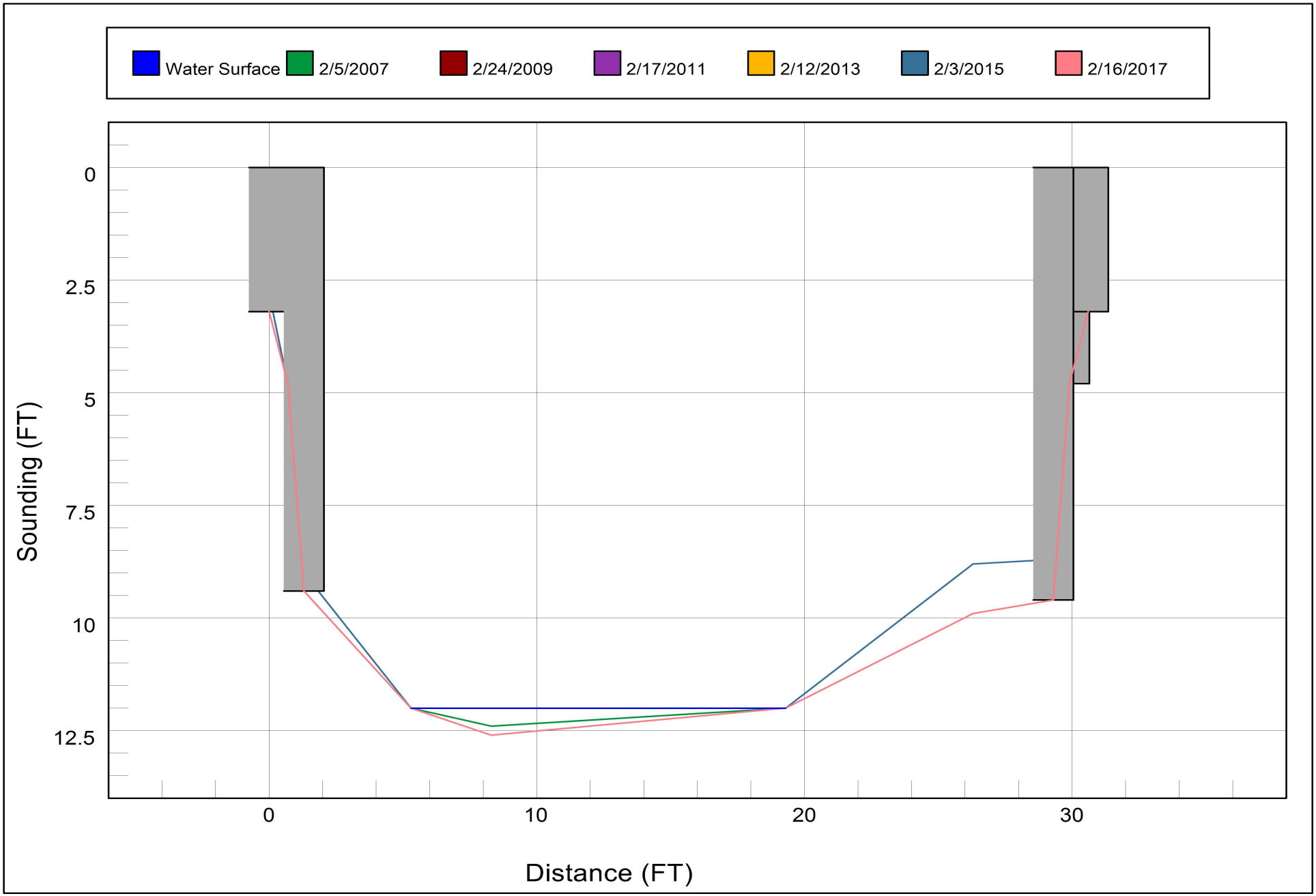
Distance from Highwater Mark to top of rail: **Location of Highwater Mark:**

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	3.2	FF ABUTMENT 1			
0.7	4.8	Top of Cap			
1.3	9.4	SF ABUTMENT 1	1.3	7.8	SF ABUTMENT 1
5.3	12	Water Surface/Water Edge (WSWE)			
8.3	12.6	DP			
19.3	12	Water Surface/Water Edge (WSWE)			
26.3	9.9				
29.3	9.6	SF ABUTMENT 2	29.3	8.3	SF ABUTMENT 2
29.9	4.8	ABUTMENT 2			
30.6	3.2	FF ABUTMENT 2			

Bridge: 800265 County RUTHERFORD Date: 02/16/2017

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



MEAS. TAKEN AT SOUTH END OF BRIDGE

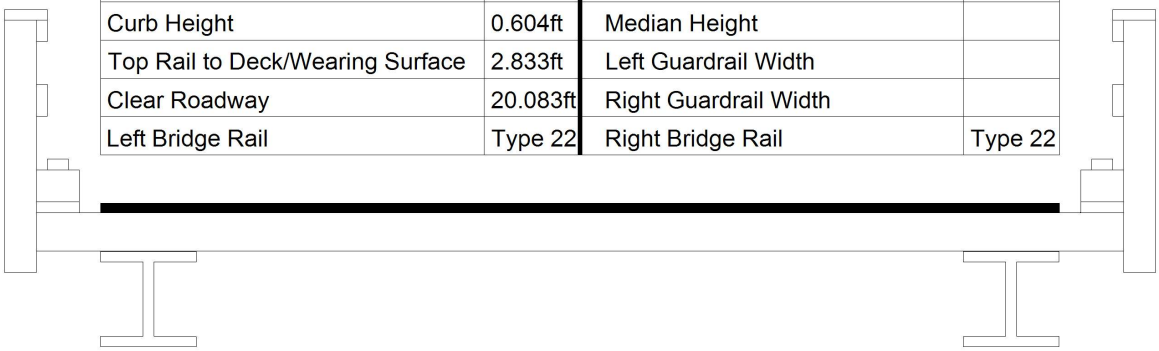
Roadway	16ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6ft Wide	1ft Paved	5ft Unpaved
Right Shoulder	6ft Wide	1ft Paved	5ft Unpaved
Left Guardrail			
Right Guardrail			

MEAS. EDITED 2/16/2017...RFW
-ROADWAY WIDTH EDITED TO 16FT
-BOTH SHOULDERS EDITED TO 1FT PAVED, 5FT UNPAVED

Title	**Description**		
APPROACH ROADWAY	LOOKING NORTH		
Bridge No: 800265	**Drawn By:** DJA	**Date:** 02/09/2007	**File Name:** S0146031088

Bridge Inspection Field Sketch

Deck Width/Out to Out	21.083ft	Wearing Surface	0.292ft
Between Rails	20.75ft	Median Width	
Curb Height	0.604ft	Median Height	
Top Rail to Deck/Wearing Surface	2.833ft	Left Guardrail Width	
Clear Roadway	20.083ft	Right Guardrail Width	
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22

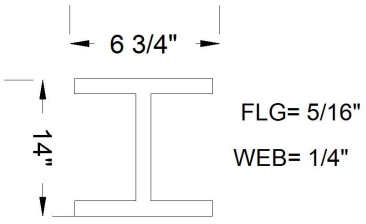


2" AWS ADDED TO THE EXISTING 1 1/2" GIVING A 3 1/2" 2-12-13

Measurements for Span #	1		
Deck Thickness	0.313	Left Overhang	0.917
Top of Rail to Bottom of Beam	4.833	Right Overhang	0.917

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	1.750 ft.	
2	Steel I Beam	1.750 ft.	
3	Steel I Beam	1.750 ft.	
4	Steel I Beam	1.750 ft.	
5	Steel I Beam	1.750 ft.	
6	Steel I Beam	1.750 ft.	
7	Steel I Beam	1.750 ft.	
8	Steel I Beam	1.750 ft.	
9	Steel I Beam	1.750 ft.	
10	Steel I Beam	1.750 ft.	
11	Steel I Beam	1.750 ft.	
12	Steel I Beam		

NON TAPERED FLG.



MEAS.VERIFIED 2/16/2017...RFW

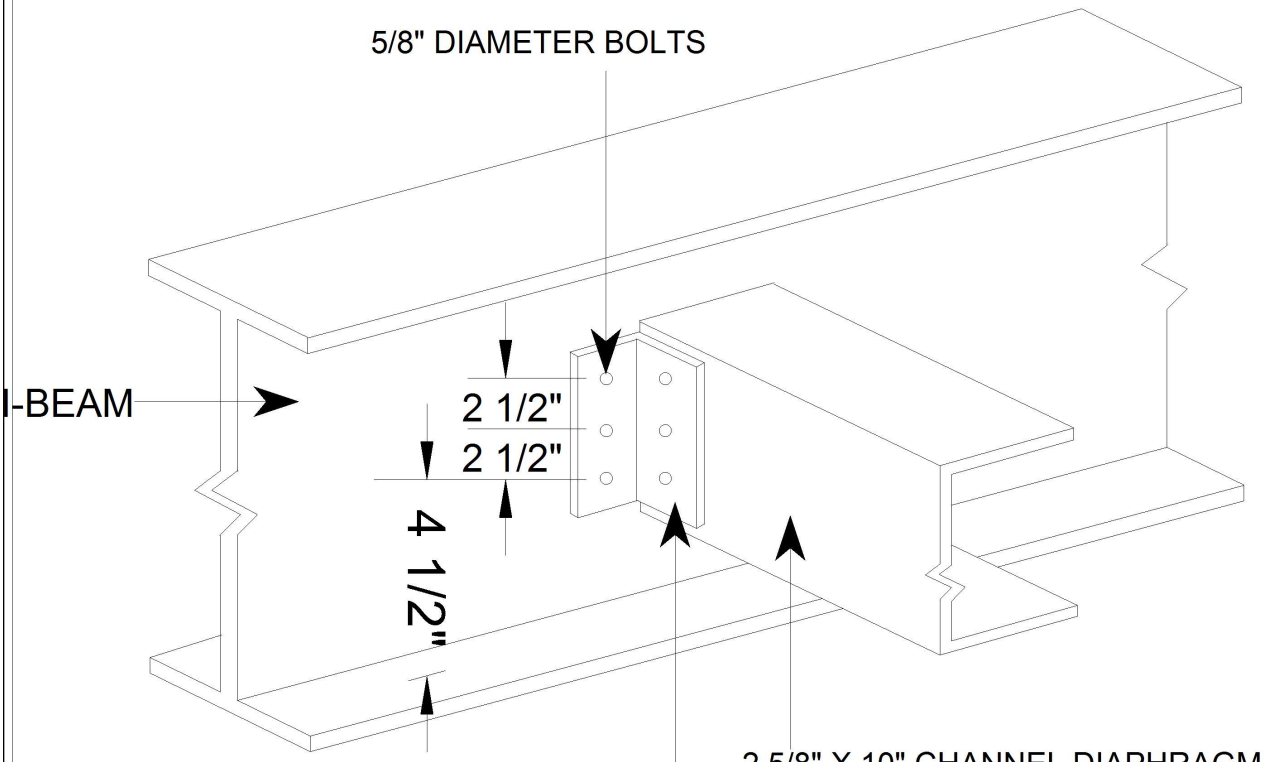
Title	Description
DECK DIMENSIONS	TYPICAL SECTION

Bridge No:	Drawn By:	Date:	File Name:
800265	DJA	02/09/2007	S0146031089

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

THE 1ST DIAPH. IS 9'-10" FROM BRG. OF ABUT. 1 AND 9'-10" FROM 1ST TO 2ND DIAPH.

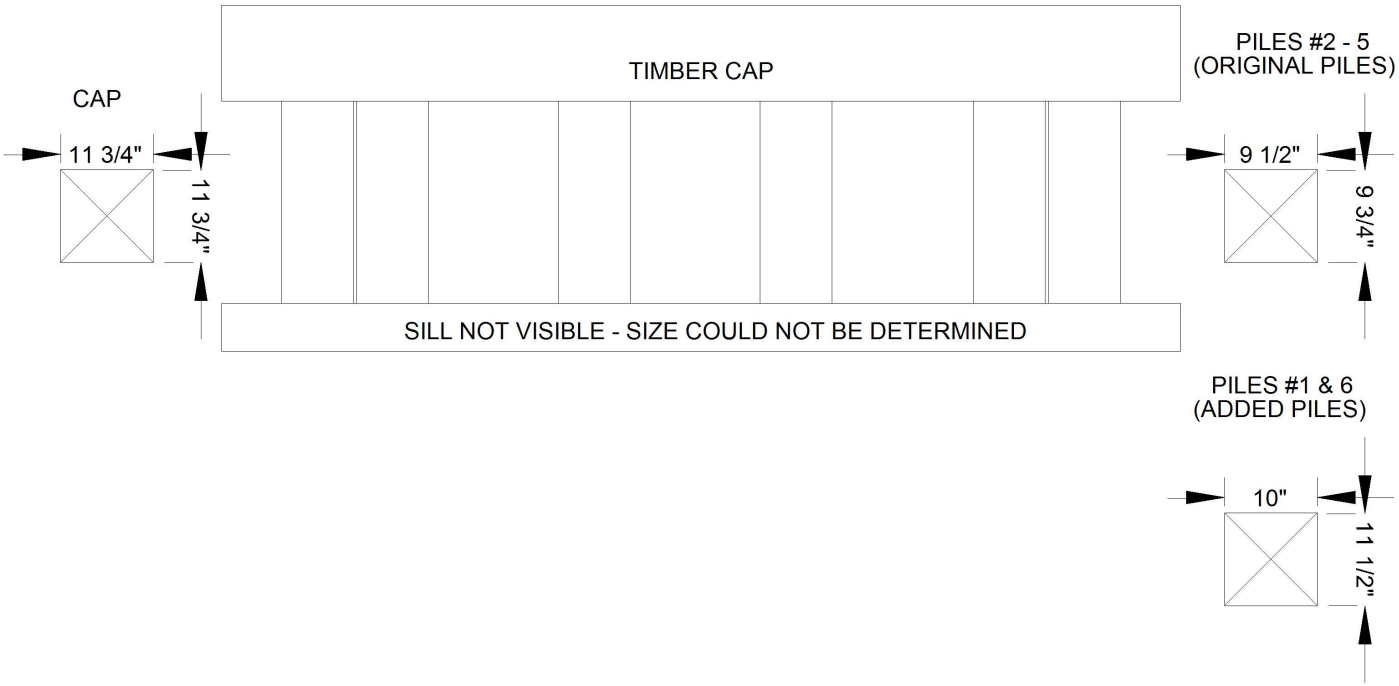


MEAS.VERIFIED 2/16/2017...RFW

Title	Description
DIAPHRAGM DETAILS	DIAPHRAGMS

Bridge No:	Drawn By:	Date:	File Name:
800265	DJA	02/09/2007	S0146031090

Bridge Inspection Field Sketch



Abutment #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	22ft Long	0.979ft Wide	0.979ft High
Left Overhang	2ft	Lt Cap/Beam Overhang	2ft
Right Overhang	2ft	Rt Cap/Beam Overhang	2ft
Sill - Sill			
Sill Size			

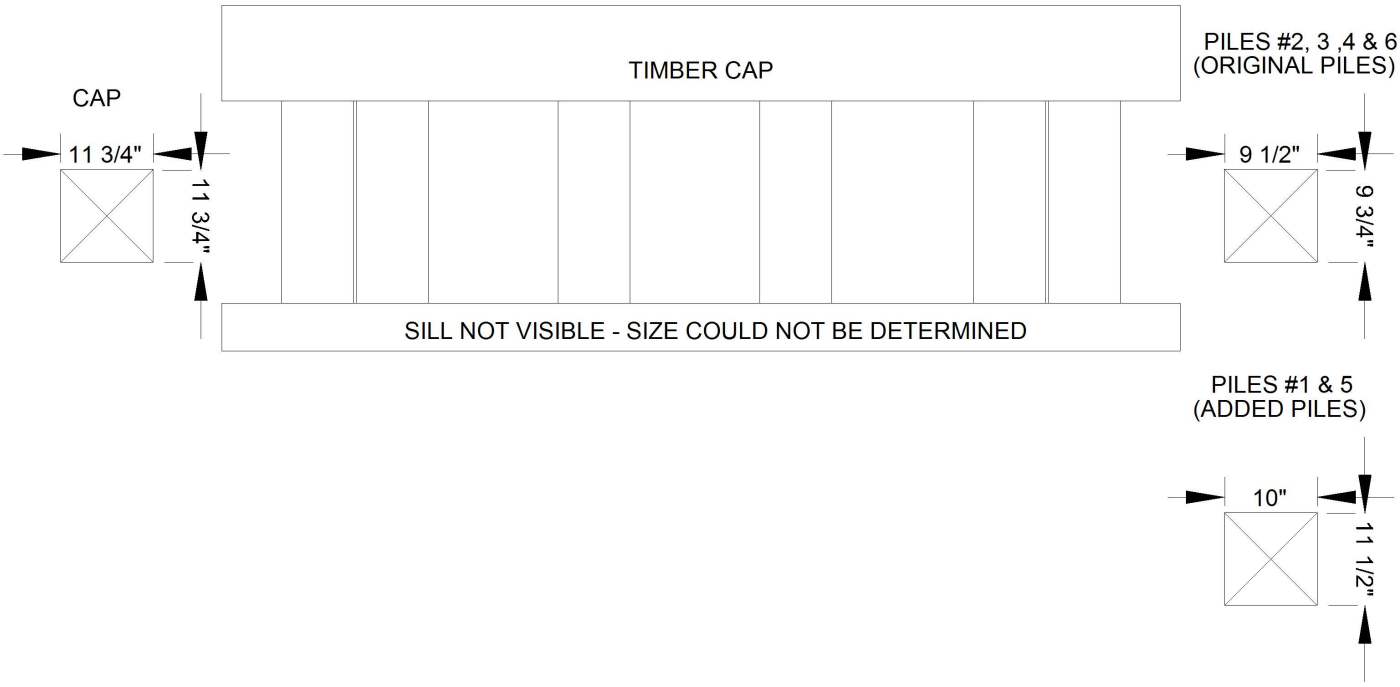
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	1.000		0.833'		Vertical
2	Wood or Timber	Pile Bent	6.000		0.792'		Vertical
3	Wood or Timber	Pile Bent	6.000		0.792'		Vertical
4	Wood or Timber	Pile Bent	6.000		0.792'		Vertical
5	Wood or Timber	Pile Bent	1.000		0.792'		Vertical
6	Wood or Timber	Pile Bent			0.833'		Vertical

MEAS.VERIFIED 2/16/2017...RFW

Title	Description
ABUTMENT #1	PILE DETAILS

Bridge No:	Drawn By:	Date:	File Name:
800265	DJA	01/30/2007	S0146031091

Bridge Inspection Field Sketch



Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	22ft Long	0.979ft Wide	0.979ft High
Left Overhang	2ft	Lt Cap/Beam Overhang	2ft
Right Overhang	2ft	Rt Cap/Beam Overhang	2ft
Sill - Sill			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	1.000		0.833'		Vertical
2	Wood or Timber	Pile Bent	6.000		0.792'		Vertical
3	Wood or Timber	Pile Bent	6.000		0.792'		Vertical
4	Wood or Timber	Pile Bent	5.000		0.792'		Vertical
5	Wood or Timber	Pile Bent	1.000		0.833'		Vertical
6	Wood or Timber	Pile Bent			0.792'		Vertical

MEAS.VERIFIED 2/16/2017...RFW

Title
ABUTMENT #2

Description
PILE DETAILS

Bridge No: 800265 | **Drawn By:** DJA | **Date:** 01/30/2007 | **File Name:** S0146031092