



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: **PM ISSUED: DECK, BEAMS, ABUTMENTS, CAPS AND PILES, DRIFT, WEIGHT LIMIT SIGNS. SIGN NOTIFICATION. CHANGE TO AWS THICKNESS. NEWLY STRUCTURAL DEFICIENT SUBSTRUCTURE. CHANGES TO APPROACH ROADWAY AND TYPICAL SECTION SKETCHES.**

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 10/23/2018

DIVISION: 11 COUNTY: ALLEGHANY STRUCTURE NUMBER: 020035 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1422 MILE POST:

LOCATION: 0.8 MI.W.JCT.SR1433

FEATURE INTERSECTED: GLADE CREEK

LATITUDE: 36° 29' 59.57" LONGITUDE: 81° 2' 11.39"

SUPERSTRUCTURE: STEEL PLANK FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BTS&INT.BTS:H-PILE CAPS/H-PILES ENCASED IN CONCRETE

SPANS: 2 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

NBI GRADES: DECK 4 SUPERSTRUCTURE 4 SUBSTRUCTURE 4 CULVERT N

POSTED SV: 22 24 POSTED TTST: 27 30

OTHER SIGNS PRESENT: (2) WEIGHT LIMIT, (4) DELINEATORS, (2) NARROW BRIDGE



Sign noticed issued for		Number Required
<u>YES</u>	<u>WEIGHT LIMIT</u>	<u>2</u>
<u>NO</u>	<u>DELINEATORS</u>	<u>0</u>
<u>NO</u>	<u>NARROW BRIDGE</u>	<u>0</u>
<u>NO</u>	<u>ONE LANE BRIDGE</u>	<u>0</u>
<u>NO</u>	<u>LOW CLEARANCE</u>	<u>0</u>

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS NO PLANS

LOOKING STATIONS AHEAD, NORTH

INSPECTED BY MIKE CLINGER	SIGNATURE 	ASSISTED BY MARTIN RUSS
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Structure Element Scoring

Structure Number: 020035

Inspection Date 10/23/201
8

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
30	0	Steel Deck Corrugated/Orthotropic/Etc.	Deck	1940	0	0	1940	0
515	30	Steel Protective Coating	Deck	1940	0	0	0	1940
107	0	Steel Open Girder/Beam	Beam	820	0	645	162	13
515	107	Steel Protective Coating	Beam	2120	0	0	0	2120
216	0	Timber Abutment	Abutments	110	51	11	48	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	74	27	47	0	0
225	0	Steel Pile	Piles and Columns	18	0	9	4	5
515	225	Steel Protective Coating	Piles and Columns	900	855	0	45	0
231	0	Steel Pier Cap	Caps	105	0	58	35	12
515	231	Steel Protective Coating	Caps	420	0	0	280	140
313	0	Fixed Bearing	Bearing Device	40	0	0	40	0
515	313	Steel Protective Coating	Bearing Device	40	0	0	2	38
330	0	Metal Bridge Railing	Bridge Rail	164	0	164	0	0
515	330	Steel Protective Coating	Bridge Rail	640	398	0	242	0
510	0	Wearing Surface	Wearing Surfaces	1932	602	1330	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 020035

Inspection Date: 10/23/2018

MMS Code	Element Name	Defect Name	Recommended Quantity
3328	Steel Deck Corrugated/Orthotropic/Etc.	Corrosion	1940 Square Feet
3314	Steel Open Girder/Beam	Corrosion	141 Feet
3346	Timber Abutment	Settlement	10 Feet
3346	Timber Abutment	Damage	4 Feet
3346	Timber Abutment	Decay/Section Loss	170 Feet
3354	Steel Pile	Corrosion	14 Each
3354	Steel Pier Cap	Corrosion	47 Feet
3334	Fixed Bearing	Corrosion	36 Each
2816	Wearing Surface	Crack (Wearing Surface)	1330 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	465 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	4342 Square Feet

Element Structure Maintenance Quantities

Structure Number: 020035

Inspection Date 10/23/2018

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	184	110	0	48	11	51
Beam	3314	Maintenance Steel Superstructure Components	141	820	13	162	645	0
Beam	3342	Clean and Paint Steel	2120	2120	2120	0	0	0
Bearing Device	3334	Bridge Bearing	36	40	0	40	0	0
Bearing Device	3342	Clean and Paint Steel	40	40	38	2	0	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	0	164	0	0	164	0
Bridge Rail	3342	Clean and Paint Steel	242	640	0	242	0	398
Caps	3342	Clean and Paint Steel	420	420	140	280	0	0
Caps	3354	Maintenance of Steel Substructure Components	47	105	12	35	58	0
Deck	3328	Maintenance of Steel Plank Bridge Floor	1940	1940	0	1940	0	0
Deck	3342	Clean and Paint Steel	1940	1940	1940	0	0	0
Footing	3348	Maintenance of Concrete Substructure	0	74	0	0	47	27
Piles and Columns	3342	Clean and Paint Steel	45	900	0	45	0	855
Piles and Columns	3354	Maintenance of Steel Substructure Components	14	18	5	4	9	0
Wearing Surfaces	2816	Asphalt Surface Repair	1330	1932	0	0	1330	602

Element Condition and Maintenance Data

Structure Number: 020035

Inspection Date: 10/23/2018

Span 1	Deck
Steel Deck Corrugated	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
30	Steel Deck Corrugated/Orthotropic/Etc.	970	0	0	970	0	Square Feet
515	Steel Protective Coating	970	0	0	0	970	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
30	Corrosion	UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)	3	970	970	Square Feet
515	Effectiveness (Steel Protective Coatings)	GALVANIZATION FAILED.	4	970	970	Square Feet
General Comments						

Span 1	Beam 1
Plate Girder	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	41	0	0	39	2	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 4" LENGTH AND 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	4	2	2	Feet
107	Corrosion	TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH	3	39		Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED THROUGHOUT	4	106	106	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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	41		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	RIGHT SIDE TEMPORARY REPAIRS NEAR END	2	3		Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	38		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	39	0	2	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	4	2	2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	RIGHT SIDE TEMPORARY REPAIRS NEAR END	2	3		Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	38		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	39	0	2	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 14" LENGTH AT BASE NEAR END. WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 6" LENGTH AT TOP OF WEB NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	4	2	2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	39	0	2	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END AND TO 8" HEIGHT x 1' LENGTH AT TOP OF WEB. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	4	2	2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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Asphalt Wearing Surface

General Comments

Steel Rail

General Comments

Steel Rail

General Comments

Fixed Bearing

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	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	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	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1		Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	

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General Comments

Fixed Bearing

515	Steel Protective Coating	1	0	0	0	1	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	1	0	0	0	1	Square Feet
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General Comments

Fixed Bearing

515	Steel Protective Coating	1	0	0	0	1	Square Feet
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General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	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	0	1	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	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1		Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	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	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	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	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	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	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	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	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	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

Fixed Bearing

General Comments

Fixed Bearing

General Comments

Fixed Bearing

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	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	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet

General Comments

Span 2 Deck

Steel Deck Corrugated

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
30	Steel Deck Corrugated/Orthotropic/Etc.	970	0	0	970	0	Square Feet
515	Steel Protective Coating	970	0	0	0	970	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
30	Corrosion	UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)	3	970	970	Square Feet
515	Effectiveness (Steel Protective Coatings)	GALVANIZATION FAILED.	4	970	970	Square Feet

General Comments

Span 2 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	41	0	0	41	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (22% LOSS) 5/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM)	3	41	41	Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED THROUGHOUT.	4	106	106	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	41	0	39	2	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)	3	2	2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	39	2	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 1" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)	3	2	2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	40	1	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SCALE, WEB WITH 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" LENGTH x FULL HEIGHT, FAR END	3	1	1	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS	2	40		Feet

		FOR FULL LENGTH			
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106 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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	TEMPORARY PLATE REPAIR (3') FAR END	2	3			Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	38			Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106		106	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	41	0	39	2	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	HEAVY CORROSION IN BOTTOM FLANGE AND WEB AT END BENT 2. SECTION LOSS TO KNIFE EDGE WITH FULL WIDTH X 1/4IN AVERAGE REMAINING, 1/4IN REMAINING IN WEB (PM).	3	2		2	Feet
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39			Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106		106	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	41	0	39	2	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
107	Corrosion	MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 8" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF	3	2		2	Feet

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107	Corrosion	ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM) TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	39	Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106 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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	41		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED ON FLANGES, FULL LENGTH.	4	106	106	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	41	0	41	0	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	TOP FLANGE, MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. BOTTOM FLANGE, MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH	2	41		Feet
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED THROUGHOUT.	4	106	106	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	41	0	0	41	0	Feet
515	Steel Protective Coating	106	0	0	0	106	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 8" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16"	3	41	41	Feet

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515	Effectiveness (Steel Protective Coatings)	PC FAILED THROUGHOUT.	4	106	106	Square Feet
General Comments						

Asphalt Wearing Surface

General Comments

Steel Rail

General Comments

Steel Rail

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	

General Comments

Span 2 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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

Fixed Bearing

General Comments

Fixed Bearing

General Comments

Fixed Bearing

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	3	1	1	Square Feet	

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	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		
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each	
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet	
General Comments							

Span 2 Near Bearing

Fixed Bearing

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

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313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet
General Comments						

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	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	
313	Corrosion	MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED.	4	1	1	Square Feet
General Comments						

End Bent 1 Abutment

Timber Abutment

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
216	Timber Abutment		55	13	11	31	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
216	Decay/Section Loss	MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 2 AND 3 (5'x3') (PM)	3	5	15	Feet
216	Decay/Section Loss	MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 3 AND 4 (6'x4') (PM)	3	6	24	Feet
216	Decay/Section Loss	RIGHT EXTENSION MINOR TO MODERATE DECAY WITH UP TO 25% SECTION LOSS OF TIMBER LAGGING, 3" REMAINING OF 4" ORIGINAL THICKNESS (10'x8') (PM)	3	10	80	Feet
216	Settlement	LAGGING PILE LEFT END MODERATE ROTATION TOWARDS CHANNEL, MEASURED 8" OVER 4' HEIGHT (PM)	3	10	10	Feet
216	Damage	RIGHT EXTENSION MINOR DAMAGE TO TOP OF LAGGING WALL AND END SUPPORT PILE	2	4	4	Feet
216	Decay/Section Loss	MINOR DECAY (3'x6"x1"), BETWEEN PILES 4 AND 5	2	3		Feet
216	Scour	LAGGING PILE LEFT END SCOUR HOLE (4'DIAM. x 3' DEPTH) AT BASE OF PILE	2	4		Feet
General Comments						

End Bent 1 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	35	0	23	0	12	Feet
515	Steel Protective Coating	140	0	0	140	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	Corrosion	TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT	4	2	2	Feet

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		EDGE OF 7/16" ORIGINAL FOR 2' LENGTH BELOW AND LEFT OF BEAM 4 (PM)			
231	Corrosion	BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1' LENGTH LEFT AND RIGHT OF BEAM 5. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 5 (PM)	4	2	2 Feet
231	Corrosion	BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1.5' LENGTH BELOW BEAM 4. MODERATE SCALE WITH 33% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 4 (PM)	4	2	2 Feet
231	Corrosion	BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BELOW AND RIGHT OF BEAM 7. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 7 (PM)	4	3	3 Feet
231	Corrosion	TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BETWEEN BEAMS 6 AND 7 (PM)	4	3	3 Feet
231	Corrosion	MINOR SCALE NO MEASUREABLE SECTION LOSS BOTTOM 4" TO 6" OF WEB THROUGHOUT	2	23	Feet
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PROTECTIVE COATING.	3	140	140 Square Feet
General Comments					

End Bent 1

Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile	1	0	1	0	0 Each
515	Steel Protective Coating	50	50	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
225	Corrosion	FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/16" SECTION LOSS (14%), 3/8" REMAINING OF 7/16" ORIGINAL	2	1	Each

General Comments

End Bent 1

Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile	1	0	0	1	0 Each
515	Steel Protective Coating	50	50	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
225	Corrosion	FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	3	1	2 Each

General Comments

End Bent 1			Pile 4				
Steel Pile							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile		1	0	0	1	0 Each
515	Steel Protective Coating		50	50	0	0	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
225	Corrosion	FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	3	1	2	Each	
General Comments							

End Bent 1		Pile 6					
Steel Pile							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile		1	0	1	0	0 Each
515	Steel Protective Coating		50	50	0	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
225	Corrosion	INTERMITTENT PROTECTIVE COATING LOSS AND MINOR CORROSION TO MINOR SCALE WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT			2	1	Each
General Comments							

Reinforced Concrete Footing 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing	37	0	37	0	0 Feet

General Comments

Cap 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	35	0	35	0	0	Feet
515	Steel Protective Coating	140	0	0	0	140	Square Feet

General Comments

Pile 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	50	50	0	0	0	Square Feet

General Comments

Pile 2

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	50	50	0	0	0	Square Feet

General Comments

CROSS BRACE BROKEN AT PILE 2.

Bent 1	Pile 3
Steel Pile	

General Comments

General Comments

General Comments

General Comments

End Bent 2		Reinforced Concrete Footing 1					
Reinforced Concrete Footing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
220	Reinforced Concrete Pile Cap/Footing		37	27	10	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
220	Scour	MINOR SCOUR (1.5'x 10' LENGTH) FOOTING NOT EXPOSED NO UNDERMINE UPSTREAM END			2	10	Feet
General Comments							

End Bent 2		Cap 1					
Steel Pier Cap							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
231	Steel Pier Cap		35	0	0	35	0 Feet
515	Steel Protective Coating		140	0	0	140	0 Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
231	Corrosion	2IN DIAMETER HOLE IN WEB STIFFENER UNDER BEAM 10 (PM).	3	1	1	Feet	
231	Corrosion	2IN X 1IN HOLE IN WEB STIFFENER UNDER BEAMS 1, 2, AND 3. (PM).	3	3	3	Feet	
231	Corrosion	TOP AND BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (14% LOSS) 5/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR FULL LENGTH	3	31	31	Feet	
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PROTECTIVE COATING.	3	140	140	Square Feet	
General Comments							

End Bent 2

Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	50	50	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Corrosion	INTERMITTENT PROTECTIVE COATING LOSS AND MINOR CORROSION TO MINOR SCALE WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT	2	1		Each
General Comments						

End Bent 2

Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	50	40	0	10	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Corrosion	NEAR AND FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	4	1	2	Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PROTECTIVE COATING.	3	10	10	Square Feet
General Comments						

End Bent 2

Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	50	40	0	10	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	Corrosion	NEAR AND FAR FACE FLANGES AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)	4	1	1	Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PROTECTIVE COATING.	3	10	10	Square Feet
General Comments						

End Bent 2

Pile 4

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	50	45	0	5	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Inspection Date: 10/23/2018

General Comments

Pile 5

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	50	40	0	10	0	Square Feet

General Comments

Pile 6

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	50	40	0	10	0	Square Feet

General Comments

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Steel Deck Corrugated	Steel Deck Corrugated/Orthotropic/Etc.	970
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	41
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	41
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	966
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 2	Deck	Steel Deck Corrugated	Steel Deck Corrugated/Orthotropic/Etc.	970
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	41
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	41

Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	966
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Steel Pier Cap	Steel Pier Cap	35
Bent 1	Pile 1	Steel Pile	Steel Pile	1
Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1	Pile 5	Steel Pile	Steel Pile	1
Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 1		Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	37
End Bent 1	Cap 1	Steel Pier Cap	Steel Pier Cap	35
End Bent 1	Pile 1	Steel Pile	Steel Pile	1
End Bent 1	Pile 2	Steel Pile	Steel Pile	1
End Bent 1	Pile 3	Steel Pile	Steel Pile	1
End Bent 1	Pile 4	Steel Pile	Steel Pile	1
End Bent 1	Pile 5	Steel Pile	Steel Pile	1
End Bent 1	Pile 6	Steel Pile	Steel Pile	1
End Bent 1	Abutment	Timber Abutment	Timber Abutment	55
End Bent 2	Cap 1	Steel Pier Cap	Steel Pier Cap	35
End Bent 2	Pile 1	Steel Pile	Steel Pile	1
End Bent 2	Pile 2	Steel Pile	Steel Pile	1
End Bent 2	Pile 3	Steel Pile	Steel Pile	1
End Bent 2	Pile 4	Steel Pile	Steel Pile	1
End Bent 2	Pile 5	Steel Pile	Steel Pile	1

Elements Verified

Location	Name	Component	Element Name	Amount
End Bent 2	Pile 6	Steel Pile	Steel Pile	1
End Bent 2		Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	37

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 020035

Inspection Date: 10/23/2018

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	4
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	6
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	F	4	3352
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C	F	20	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	P	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	F		
Estimated Remaining Life	0 - 100 Years	4		
Superstructure Paint Code		I		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	Y
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	8
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	Y

National Bridge and NC SMU Inspection Item Details

Structure Number: 020035

Inspection Date: 10/23/2018

Item	Substructure - Item 60	Grade	4	Maint Code	Qty.	0
Details	NEWLY STRUCTURAL DEFICIENT, MINOR TO MODERATE SECTION LOSS TO ALL BENT CAPS AND MULTIPLE PILES AT BOTH END BENTS.					
Item	Sign Notice Issued	Grade	Y	Maint Code	Qty.	0
Details	CURRENT SIGNS: SV: 24 TONS. TTST: 30 TONS. CURRENT WEIGHT LIMIT: SV: 22 TONS. TTST: 27 TONS. PM AND SIGN NOTICE ISSUED.					
Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
Details	STEEL CORRUGATED DECK. STEEL BEAMS. BENT AND END BENT STEEL CAPS. END BENT STEEL PILES. END BENT ABUTMENT LAGGING. DRIFT.					
Item	Presently Posted	Grade	Y	Maint Code	Qty.	0
Details	CURRENT SIGNS: SV: 24 TONS. TTST: 30 TONS. CURRENT WEIGHT LIMIT: SV: 22 TONS. TTST: 27 TONS. PM AND SIGN NOTICE ISSUED.					
Item	Other Equipment Used	Grade	Y	Maint Code	Qty.	0
Details	WADERS. CALIPERS.					
Item	Slope Protection	Grade	F	Maint Code	3352	Qty. 4
Details	END BENT 1 ABUTMENT LAGGING PILE LEFT END, SCOUR HOLE (4'DIAM. x 3' DEPTH) AT BASE OF PILE.					
Item	Drift	Grade	P	Maint Code	3366	Qty. 0
Details	HEAVY AMOUNT OF DRIFT ACCUMULATED AT UPSTREAM FACE OF BENT 1 (16 CY OR 16 HOURS) (PM)					
Item	Scour	Grade	F	Maint Code	Qty.	0
Details	BENT 1 SILL FOOTING EXPOSED FULL LENGTH FAR SIDE, NO UNDERMINE. END BENT 2 SILL FOOTING EXPOSED 10' UPSTREAM END, NO UNDERMINE. END BENT 1 ABUTMENT LAGGING PILE LEFT END, SCOUR HOLE (4'DIAM. x 3' DEPTH) AT BASE OF PILE.					
Item	Response to live load	Grade	F	Maint Code	Qty.	0
Details	NOTICEABLE DEFLECTION UNDER VEHICULAR LIVE LOAD.					
Item	Wingwalls	Grade	F	Maint Code	3350	Qty. 20
Details	FAR LEFT WING WALL MINOR DECAY, SPOTS WITH UP TO 10% SECTION LOSS OF TIMBER LAGGING, 3.5" REMAINING OF 4" ORIGINAL THICKNESS (20 SF) THROUGHOUT.					

Structure Number: 020035

Inspection Date: 10/23/2018

Item	General Comments and Misc Items	Grade	F	Maint Code	Qty.	0
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Details NEAR APPROACH ROADWAY AWS HAIRLINE TO 1/2" FULL WIDTH TRANSVERSE CRACKING.



WEIGHT LIMIT FAR LEFT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)



WEIGHT LIMIT NEAR RIGHT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)



TYPICAL INTERMITTENT PC FLAKING AND PEELING WITH MINOR SURFACE CORROSION THROUGHOUT SPAN 1 RIGHT RAIL



NEAR APPROACH ROADWAY AWS HAIRLINE TO 1/2" FULL WIDTH TRANSVERSE CRACKING



TYPICAL INTERMITTENT HAIRLINE TO 1/8" TRANSVERSE CRACKING, PARTIAL WIDTH (2' TO 6' LENGTH)
SPACED 2' O.C. FULL LENGTH SPAN 1 AWS RIGHT LANE



END BENT 1 ABUTMENT LAGGING PILE LEFT END MODERATE ROTATION TOWARDS CHANNEL, MEASURED
8" OVER 4' HEIGHT (PM PHOTO 1 OF 2)



END BENT 1 ABUTMENT LAGGING PILE LEFT END MODERATE ROTATION TOWARDS CHANNEL, MEASURED 8" OVER 4' HEIGHT (PM PHOTO 2 OF 2)



END BENT 1 ABUTMENT LAGGING PILE LEFT END SCOUR HOLE (4'DIAM. x 3' DEPTH) AT BASE OF PILE



END BENT 1 ABUTMENT MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 2 AND 3 (5'x3'), SIMILAR BETWEEN PILES 3 AND 4 (PM PHOTO)



END BENT 1 ABUTMENT RIGHT EXTENSION MINOR TO MODERATE DECAY WITH UP TO 25% SECTION LOSS OF TIMBER LAGGING, 3" REMAINING OF 4" ORIGINAL THICKNESS (10'x8'), MINOR DAMAGE TO TOP OF LAGGING WALL AND END SUPPORT PILE (PM PHOTO)



END BENT 1 PILE 1 FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/16" SECTION LOSS (14%), 3/8" REMAINING OF 7/16" ORIGINAL



END BENT 1 PILE 2 FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 1 PILE 3 FAR FACE FLANGE AT GRADE 2' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 1 PILE 4 FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 1 PILE 5 FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



TYPICAL INTERMITTENT PROTECTIVE COATING LOSS AND MINOR CORROSION TO MINOR SCALE WITH NO MEASUREABLE SECTION LOSS END BENT 1 PILE 3



SPAN 1 BEAM 1 TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS)
3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH



SPAN 1 BEAM 1 MODERATE SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 4" LENGTH AND 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO)



SPAN 1 BEAM 1 BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH



TYPICAL MINOR SCALE WITH 1/16" TAPERED SECTION LOSS (6%) 1/2" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH SPAN 1 BEAM 6



TYPICAL MINOR SCALE THROUGHOUT NO MEASUREABLE SECTION LOSS FOR FULL LENGTH OF BOTTOM FLANGE SPAN 1 BEAM 6



SPAN 1 DECK UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS BAY 5 (PM PHOTO)



TYPICAL SPAN 1 NEAR BEARING MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT BEAM 2



SPAN 1 BEAM 4 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO)



SPAN 1 BEAM 5 RIGHT SIDE TEMPORARY REPAIRS NEAR END, SPAN 1 BEAM 3 SIMILAR AT NEAR END



END BENT 1 CAP BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1' LENGTH LEFT AND RIGHT OF BEAM 5. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 5 (PM PHOTO)



END BENT 1 CAP TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS)
1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2' LENGTH BELOW AND LEFT OF BEAM 4 (PM PHOTO)



END BENT 1 CAP BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1.5' LENGTH BELOW BEAM 4. MODERATE SCALE WITH 33% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 4 (PM PHOTO)



END BENT 1 CAP BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BELOW AND RIGHT OF BEAM 7. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 7 (PM PHOTO)



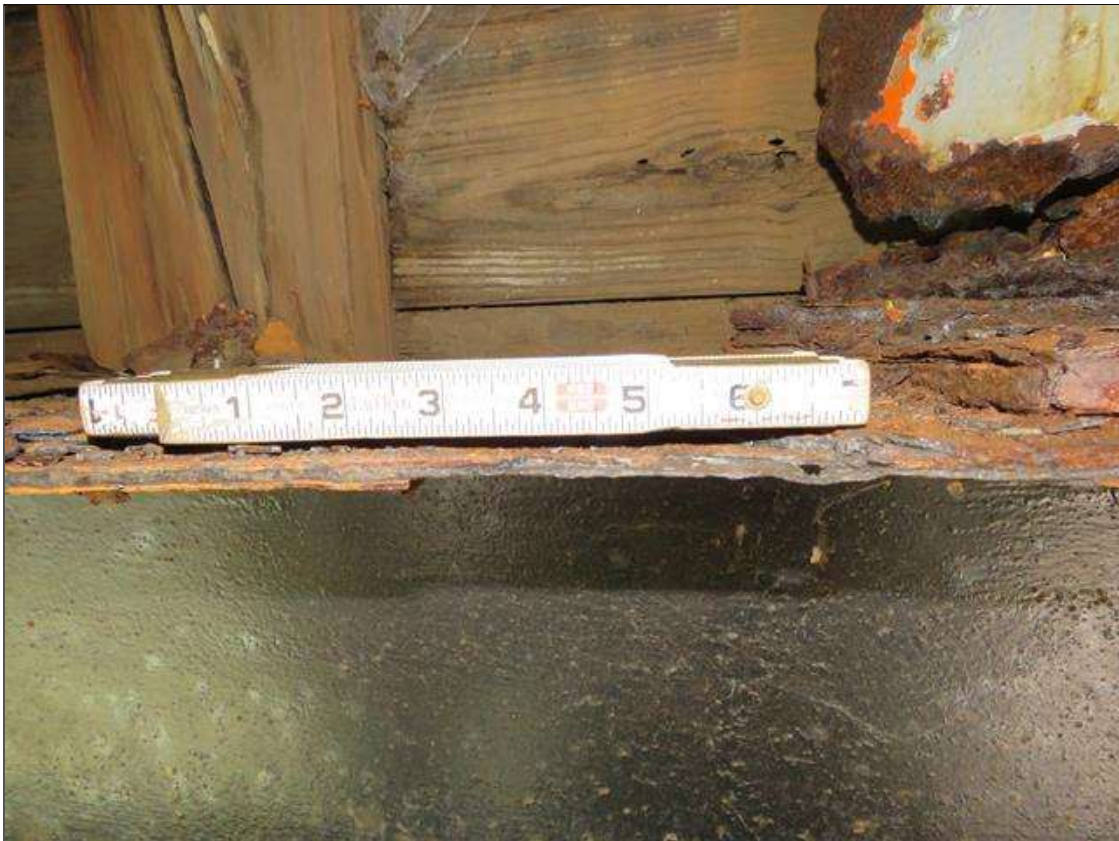
SPAN 1 BEAM 6 MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 14" LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO 1 OF 3)



SPAN 1 BEAM 6 MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 14" LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO 2 OF 3)



SPAN 1 BEAM 6 MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 6" LENGTH AT TOP OF WEB NEAR END (PM PHOTO 3 OF 3)



END BENT 1 CAP TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BETWEEN BEAMS 6 AND 7 (PM PHOTO)



TYPICAL MINOR SCALE NO MEASUREABLE SECTION LOSS BOTTOM 4" TO 6" OF WEB THROUGHOUT END BENT 1 CAP BETWEEN BEAMS 5 AND 6



SPAN 1 BEAM 7 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END AND TO 8" HEIGHT x 1' LENGTH AT TOP OF WEB. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO)



SPAN 1 BEAM 9 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO)



SPAN 1 BEAM 10 MODERATE SCALE, WEB WITH 1/8" SECTION LOSS (33%) AND 1/4" REMAINING OF 3/8" ORIGINAL TO 6" HEIGHT x 3' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM PHOTO)



SPAN 1 BEAM 10 RIGHT SIDE TEMPORARY PLATE REPAIRS



SPAN 1 BEAM 10 TOP FLANGE LEFT SIDE ONLY MINOR TO MODERATE SCALE WITH 1/8" SECTION LOSS (22% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH



SPAN 1 BEAM 10 LEFT SIDE TEMPORARY PLATE REPAIRS MID SPAN. BOTTOM FLANGE FULL WIDTH MINOR TO MODERATE SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH



TYPICAL BEARINGS AT BENT 1 MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT BEAM 4



TYPICAL TOP AND BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (7% LOSS) 3/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR FULL LENGTH, BENT 1 CAP RIGHT OF BEAM 3
(PHOTO 1 OF 2)



TYPICAL TOP AND BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (7% LOSS) 3/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR FULL LENGTH, BENT 1 CAP RIGHT OF BEAM 3
(PHOTO 2 OF 2)



HEAVY AMOUNT OF DRIFT ACCUMULATED AT UPSTREAM FACE OF BENT 1 (16 CY) (PM PHOTO)



SPAN 2 BEAM 1 MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (22% LOSS) 5/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH



SPAN 2 BEAM 10 MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 8" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (33% LOSS) 3/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM PHOTO 1 OF 2)



SPAN 2 BEAM 10 MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 8" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (33% LOSS) 3/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM PHOTO 2 OF 2)



BENT 1 SILL MINOR SCOUR (0.83'x FULL LENGTH) WITH FOOTING EXPOSED NO UNDERMINE (PHOTO 1 OF 2)



SPAN 2 BEAM 2 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM PHOTO)



SPAN 2 BEAM 3 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 1" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM PHOTO)



TYPICAL SPAN 2 FAR BEARINGS AT END BENT 2 MINOR SCALE WITH 1/16" SECTION LOSS THROUGHOUT BEAM 4



SPAN 2 BEAM 4 MINOR SCALE, WEB WITH 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" LENGTH x FULL HEIGHT, FAR END



SPAN 2 BEAM 5 TEMPORARY PLATE REPAIR (3') FAR END



TYPICAL TOP AND BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (14% LOSS) 5/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR FULL LENGTH, END BENT 2 CAP RIGHT OF BEAM



SPAN 2 BEAM 7 MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 8" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM PHOTO)



END BENT 2 PILE 2 NEAR AND FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 2 PILE 3 NEAR AND FAR FACE FLANGES AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 2 PILE 4 NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 2 PILE 5 NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 2 PILE 6 NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM PHOTO)



END BENT 2 SILL MINOR SCOUR (1.5'x 10' LENGTH) FOOTING NOT EXPOSED NO UNDERMINE



END BENT 2 ABUTMENT RIGHT EXTENSION MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (40 SF), THROUGHOUT RIGHT OF PILE 7 TO RIGHT END EXTENSION TIMBER PILE (PM PHOTO)



END BENT 2 ABUTMENT MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (8 SF), 1' BELOW CAP BETWEEN PILES 1 AND 2, SIMILAR BETWEEN PILES 5 AND 6 (PM PHOTO)



FAR LEFT WING WALL MINOR DECAY SPOTS WITH UP TO 10% SECTION LOSS OF TIMBER LAGGING, 3.5" REMAINING OF 4" ORIGINAL THICKNESS (20 SF) THROUGHOUT



SPAN 2 DECK UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS BAYS 4 THROUGH 6 (PM PHOTO)



BENT 1 SILL MINOR SCOUR (0.83'x FULL LENGTH) WITH FOOTING EXPOSED NO UNDERMINE (PHOTO 2 OF 2)



LOOKING STATIONS AHEAD, NORTH



LOOKING STATIONS BACK, SOUTH



LOOKING UPSTREAM



LOOKING DOWNSTREAM



UPSTREAM ELEVATION



DOWNSTREAM ELEVATION



TYPICAL DELINEATOR NEAR LEFT



END BENT 1



TYPICAL PILE FLANGE THICKNESS (7/16") END BENT 1 PILE 1



BENT 1 NEAR FACE



SPAN 1 SUPERSTRUCTURE LOOKING BACK



SPAN 2 SUPERSTRUCTURE LOOKING AHEAD



END BENT 2



FAR APPROACH NARROW BRIDGE 500' FROM BRIDGE



NEAR APPROACH NARROW BRIDGE 500' FROM BRIDGE

Stream Bed Soundings

(Profile diagram on following sheet)

County ALLEGHANY

Structure Number: 020035

Inspection Date 10/23/2018

Sounding recorded from: Top of Bridge Rail

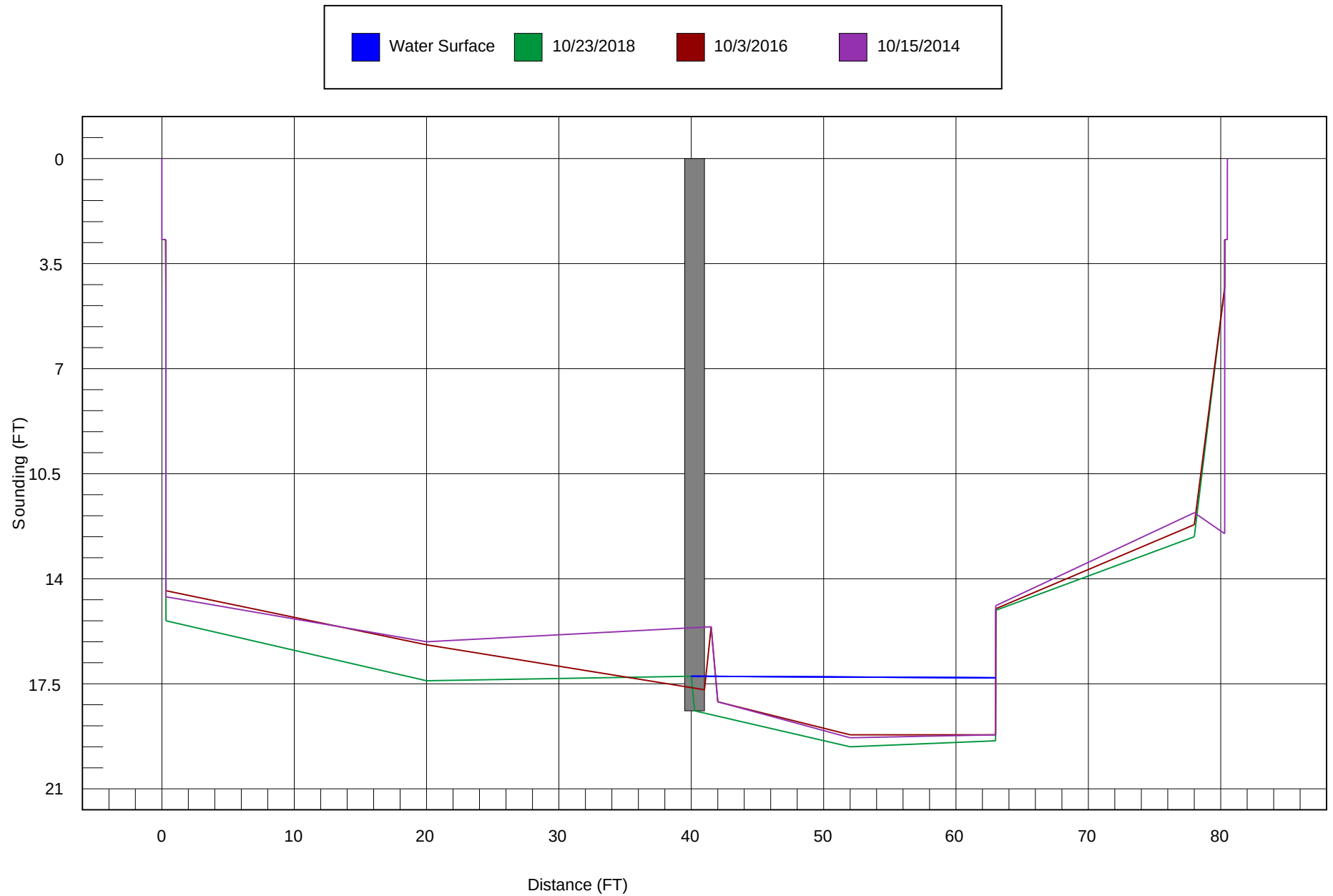
Highwater Mark Distance

Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.700	0.000	FILL FACE
0.290	2.700	0.000	
0.300	4.300	0.000	TOP OF CAP
0.310	15.400	10.850	FACE OF CAP
20.000	17.400	0.000	
40.000	17.250	0.000	WSWE
40.250	18.400	10.500	BENT 1, TOP OF DRIFT
52.000	19.600	0.000	
62.990	19.400	0.000	FACE OF OLD SUBSTRUCTURE
63.010	17.300	0.000	WSWE
63.020	15.050	0.000	TOP OF OLD SUBSTRUCTURE
78.000	12.600	15.100	FACE OF CAP
80.300	4.300	0.000	TOP OF CAP
80.310	2.700	0.000	
80.500	2.700	0.000	FILL FACE

STREAMBED PROFILE (Downstream)

Top of Rail = 0FT (Sounding)

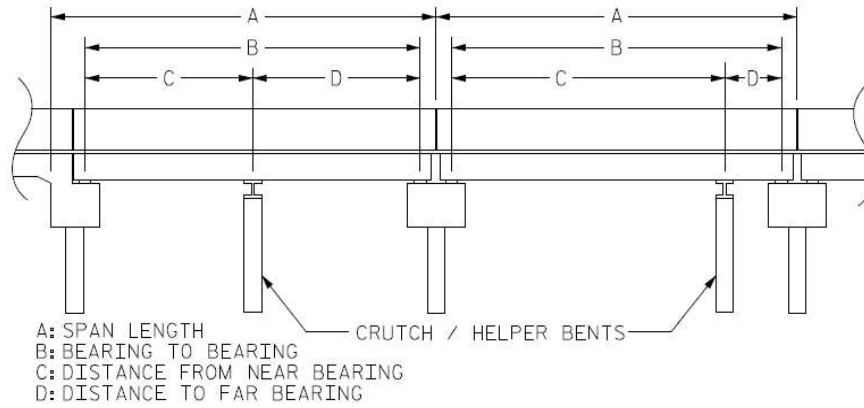


Structure Data Worksheet

Span Profile

County: ALLEGHANY

Structure Number: 020035



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	40.250	39.167			
2	40.250	39.167			

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

Run Date: 12/19/2018

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	020035		SUFFICIENCY RATING =		27.27	
(8) STRUCTURE NUMBER(FEDERAL)		000000000050035		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31014220					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1		CLASSIFICATION			CODE
(3) COUNTY CODE 5 (4) PLACE CODE		0		(112)NBIS BRIDGE SYSTEM -			YES
(6) FEATURE INTERSECTED - GLADE CREEK				(104)HIGHWAY SYSTEM Is not on NHS			0
(7) FACILITY CARRIED SR1422				(26) FUNCTIONAL CLASS - Local			09
(9) LOCATION 0.8 MI.W.JCT.SR1433				(100)STRAHNET HIGHWAY - Not a STRAHNET Route			0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE - No Parallel Structure			N
(16)LAT 36° 29' 59.57" (17)LONG 81° 2' 11.39"				(102)DIRECTION OF TRAFFIC - 2-way Traffic			2
(98)BORDER BRIDGE STATE CODE	PCT SHARE			(103)TEMPORARY STRUCTURE -			
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK - Not on the National Network			0
				(20) TOLL On Free Road			3
STRUCTURE TYPE AND MATERIAL				(31) MAINTAIN - State Highway Agency			01
(43) STRUCTURE TYPE MAIN: Steel				(22) OWNER - State Highway Agency			01
TYPE - Stringer Multibeam or Girder	CODE	302		(37) HISTORICAL SIGNIFICANCE - Not Eligible			5
(44) STRUCTURE TYPE APPR :				CONDITION			
TYPE -	CODE	000		(58) DECK			4
(45) NUMBER OF SPANS IN MAIN UNIT		2		(59) SUPERSTRUCTURE			4
(46) NUMBER OF APPROACH SPANS				(60) SUBSTRUCTURE			4
(107)DECK STRUCTURE TYPE - 6	CODE			(61) CHANNEL & CHANNEL PROTECTION			6
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(62) CULVERTS			N
(A) TYPE OF WEARING SURFACE - Bituminous	CODE	6		LOAD RATING AND POSTING			
(B) TYPE OF MEMBRANE - None	CODE	0		(31) DESIGN LOAD Unknown			0
(C) TYPE OF DECK PROTECTION - None	CODE	0		(63) OPERATING RATING METHOD - Load Factor			1
				(64) OPERATING RATING - HS-12			21
				(65) INVENTORY RATING METHOD - Load Factor			1
				(66) INVENTORY RATING - HS-7			12
				(70) BRIDGE POSTING - Posting Required			4
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED			P
				DESCRIPTION - Posted for Load			
AGE AND SERVICE				APPRAISAL			
(27) YEAR BUILT		1970		(67) STRUCTURAL EVALUATION			4
(106)YEAR RECONSTRUCTED				(68) DECK GEOMETRY			5
(42) TYPE OF SERVICE : ON - Highway				(69) UNDERCLEARANCES,VERTI & HORIZ			N
UNDER - Waterway	CODE	15		(71) WATERWAY ADEQUACY			7
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0		(72) APPROACH ROADWAY ALIGNMENT			6
(29) AVERAGE DAILY TRAFFIC		380		(36) TRAFFIC SAFETY FEATURES			0000
(30) YEAR OF ADT 2013 (109) TRUCK ADT PCT		6%		(113)SCOUR CRITICAL BRIDGES			U
(19) BYPASS OR DETOUR LENGTH		10 MI		PROPOSED IMPROVEMENTS			
GEOMETRIC DATA				(75) TYPE OF WORK -			CODE
(48) LENGTH OF MAXIMUM SPAN		39 FT		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(49) STRUCTURE LENGTH		81 FT		(94) BRIDGE IMPROVEMENT COST			
(50)CURB OR SIDEWALK: LEFT .25 FT RIGHT .25 FT				(95) ROADWAY IMPROVEMENT COST			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24 FT		(96) TOTAL PROJECT COST			
(52) DECK WIDTH OUT TO OUT		24.083 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		19 FT		(114)FUTURE ADT 760 (115) YEAR FUTURE ADT 2025			
(33) BRIDGE MEDIAN - No Median	CODE	0		INSPECTIONS			
(34) SKEW 45° (35) STRUCTURE FLARED		0		(90) INSPECTION DATE			10/23/2018
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(92) CRITICAL FEATURE INSPECTION :			(93) CFI DATE
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		24 FT		A) FRACTURE CRIT DETAIL - NO			A)
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		B) UNDERWATER INSP - NO			B)
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad		0 FT		C) OTHER SPECIAL INSP NO			C)
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT		SCOUR			
(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					

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 12/19/2018

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ALLEGHANY	11	1	020035	81	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1422	GLADE CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.8 MI.W.JCT.SR1433		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	380 2013	LT 233 RT 233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1970	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
			TAN	135	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		17 FT		2		FT

SUPERSTRUCTURE :	STEEL PLANK FLOOR ON I-BEAMS
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SUBSTRUCTURE :	E.BTS&INT.BTS:H-PILE CAPS/H-PILES ENCASED IN CONCRETE
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SPANS :	2 @ 40'-3
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BEAMS OR GIRDERS :	10 LINES 18 I-BEAMS @ 2'-6.75 CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
STL.PLK/6" AWS		24.083 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	24.5 FT	LT .25 FT RT .25 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-7	HS-12	Int.bm(w/o beam6)	SV 15	TTST 18	DATE	12/03/2018	

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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	2	Span 1 Beam 6: MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 14" LENGTH AT BASE NEAR END. WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 6" LENGTH AT TOP OF WEB NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	
 0	No Maintenance Required	NA	1	WEIGHT LIMIT NEAR RIGHT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)	
 0	No Maintenance Required	NA	1	WEIGHT LIMIT FAR LEFT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 1: WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 4" LENGTH AND 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 4: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 7: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END AND TO 8" HEIGHT x 1' LENGTH AT TOP OF WEB. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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	2	Span 1 Beam 9: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 10: MODERATE SCALE, WEB WITH 1/8" SECTION LOSS (33%) AND 1/4" REMAINING OF 3/8" ORIGINAL TO 6" HEIGHT x 3' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	37	Span 2 Beam 1: MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (22% LOSS) 5/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 2: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 7: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 8" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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	2	Span 2 Beam 3: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 1" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)	
 3314	Maintain Steel Superstructure Components	LF	41	Span 2 Beam 10: MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 8" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (33% LOSS) 3/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM)	
 3328	Maintenance/Repair/ Replace Steel Plank Bridge Floor	SF	970	Span 1 Deck: UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)	
 3328	Maintenance/Repair/ Replace Steel Plank Bridge Floor	SF	970	Span 2 Deck: UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)	
 3346	Repair / Maintain Timber Wings & Blkhds	SF	10	End Bent 1 Abutment/Backwall : LAGGING PILE LEFT END MODERATE ROTATION TOWARDS CHANNEL, MEASURED 8" OVER 4' HEIGHT (PM)	
 3346	Repair / Maintain Timber Wings & Blkhds	SF	15	End Bent 1 Abutment/Backwall : MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 2 AND 3 (5'x3') (PM)	
 3346	Repair / Maintain Timber Wings & Blkhds	SF	24	End Bent 1 Abutment/Backwall : MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 3 AND 4 (6'x4') (PM)	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3346	Repair / Maintain Timber Wings & Blkhds	SF	8	End Bent 2 Abutment/Backwall : MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (8 SF), 1' BELOW CAP BETWEEN PILES 1 AND 2 (PM)	
 3346	Repair / Maintain Timber Wings & Blkhds	SF	3	End Bent 2 Abutment/Backwall : MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (3 SF), 1' BELOW CAP BETWEEN PILES 5 AND 6 (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1' LENGTH LEFT AND RIGHT OF BEAM 5. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 5 (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Cap 1: TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2' LENGTH BELOW AND LEFT OF BEAM 4 (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1.5' LENGTH BELOW BEAM 4. MODERATE SCALE WITH 33% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 4 (PM)	
 3354	Maintain Steel Substructure Components	LF	3	End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BELOW AND RIGHT OF BEAM 7. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 7 (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3354	Maintain Steel Substructure Components	LF	3	End Bent 1 Cap 1: TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BETWEEN BEAMS 6 AND 7 (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Pile 2: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Pile 3: FAR FACE FLANGE AT GRADE 2' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Pile 4: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 1 Pile 5: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	2	End Bent 2 Pile 2: NEAR AND FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 3: NEAR AND FAR FACE FLANGES AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 4: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

Date: 10/23/2018

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 5: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)	
 3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 6: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)	
0	No Maintenance Required	NA	16	HEAVY AMOUNT OF DRIFT ACCUMULATED AT UPSTREAM FACE OF BENT 1 (16 CY OR 16 HOURS) (PM)	
3346	Repair / Maintain Timber Wings & Blkhds	SF	80	End Bent 1 Abutment/Backwall : RIGHT EXTENSION MINOR TO MODERATE DECAY WITH UP TO 25% SECTION LOSS OF TIMBER LAGGING, 3" REMAINING OF 4" ORIGINAL THICKNESS (10'x8') (PM)	
3346	Repair / Maintain Timber Wings & Blkhds	SF	40	End Bent 2 Abutment/Backwall : RIGHT EXTENSION MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (40 SF), THROUGHOUT. RIGHT OF PILE 7 TO RIGHT END EXTENSION TIMBER PILE (PM)	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Critical Finding	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 6: MODERATE TO HEAVY SCALE, WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 14" LENGTH AT BASE NEAR END. WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 6" LENGTH AT TOP OF WEB NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

MMS Code	MMS Description	Quantity
0	No Maintenance Required	1 NA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/27/2018	MIKE CLINGER	
Details		
WEIGHT LIMIT NEAR RIGHT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
0	No Maintenance Required	1 NA
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/27/2018	MIKE CLINGER	
Details		
WEIGHT LIMIT FAR LEFT, DOES NOT REFLECT CURRENT POSTING SV: 22 TONS, TTST: 27 TONS (PM PHOTO)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 1: WEB WITH 100% SECTION LOSS FOR 4" HEIGHT x 4" LENGTH AND 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 1/8" SECTION LOSS (22%) 7/16" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 4: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 7: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END AND TO 8" HEIGHT x 1' LENGTH AT TOP OF WEB. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 9: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 2' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Beam 10: MODERATE SCALE, WEB WITH 1/8" SECTION LOSS (33%) AND 1/4" REMAINING OF 3/8" ORIGINAL TO 6" HEIGHT x 3' LENGTH AT BASE NEAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 2' NEAR END (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	37 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Beam 1: MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 6" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (11% LOSS) 7/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE RIGHT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (22% LOSS) 5/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Beam 2: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 6" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Beam 7: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 8" HEIGHT x 1' LENGTH AT BASE AND 6" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Beam 3: MODERATE SCALE, WEB WITH 3/16" SECTION LOSS (50%) AND 3/16" REMAINING TO 1" LENGTH x FULL HEIGHT, FAR END. BOTTOM FLANGE 5/16" SECTION LOSS (55%) 1/4" REMAINING OF ORIGINAL 9/16" FOR FULL WIDTH x 1.5' FAR END (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	41 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Beam 10: MODERATE SCALE, WEB 1/16" SECTION LOSS (17%) AND 5/16" REMAINING TO 8" HEIGHT AT BASE AND 3" HEIGHT AT TOP OF WEB, FOR FULL LENGTH. BOTTOM FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (17% LOSS) 3/8" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH. TOP FLANGE LEFT SIDE ONLY MINOR SCALE WITH TAPERED SECTION LOSS (33% LOSS) 3/16" REMAINING AT EDGE OF 9/16" ORIGINAL FOR FULL LENGTH (PM)		

MMS Code	MMS Description	Quantity
3328	Maintenance/Repair/ Replace Steel Plank Bridge Floor	970 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 1 Deck: UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3328	Maintenance/Repair/ Replace Steel Plank Bridge Floor	970 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
Span 2 Deck: UNDERSIDE CORRUGATED PANS INTERMITTENT MODERATE SCALE WITH UP TO 30% SECTION LOSS THROUGHOUT (PM)		

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	10 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Abutment/Backwall : LAGGING PILE LEFT END MODERATE ROTATION TOWARDS CHANNEL, MEASURED 8" OVER 4' HEIGHT (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	15 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Abutment/Backwall : MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 2 AND 3 (5'x3') (PM)		

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	24 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Abutment/Backwall : MODERATE DECAY WITH UP TO 75% SECTION LOSS OF TIMBER LAGGING, 1" REMAINING OF 4" ORIGINAL THICKNESS, BELOW CAP BETWEEN PILES 3 AND 4 (6'x4') (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	8 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Abutment/Backwall : MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (8 SF), 1' BELOW CAP BETWEEN PILES 1 AND 2 (PM)		

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	3 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Abutment/Backwall : MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (3 SF), 1' BELOW CAP BETWEEN PILES 5 AND 6 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1' LENGTH LEFT AND RIGHT OF BEAM 5. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 5 (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Cap 1: TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2' LENGTH BELOW AND LEFT OF BEAM 4 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 1.5' LENGTH BELOW BEAM 4. MODERATE SCALE WITH 33% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 4 (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Cap 1: BOTTOM FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (44% LOSS) 1/16" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BELOW AND RIGHT OF BEAM 7. MODERATE SCALE WITH 50% SECTION LOSS AT BASE OF BEARING STIFFENERS BELOW BEAM 7 (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Cap 1: TOP FLANGE FULL WIDTH MODERATE SCALE WITH TAPERED SECTION LOSS (35% LOSS) 1/8" REMAINING AT EDGE OF 7/16" ORIGINAL FOR 2.5' LENGTH BETWEEN BEAMS 6 AND 7 (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Pile 2: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Pile 3: FAR FACE FLANGE AT GRADE 2' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Pile 4: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Pile 5: FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Pile 2: NEAR AND FAR FACE FLANGE AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Pile 3: NEAR AND FAR FACE FLANGES AT GRADE 1.5' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Pile 4: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Pile 5: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 3/16" SECTION LOSS (42%), 1/4" REMAINING OF 7/16" ORIGINAL (PM)		

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Pile 6: NEAR AND FAR FACE FLANGES AT GRADE 1' HEIGHT x FULL WIDTH MINOR SCALE AND PITTING WITH 1/8" SECTION LOSS (28%), 5/16" REMAINING OF 7/16" ORIGINAL (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
0	No Maintenance Required	16 NA
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
HEAVY AMOUNT OF DRIFT ACCUMULATED AT UPSTREAM FACE OF BENT 1 (16 CY OR 16 HOURS) (PM)		

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	80 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 1 Abutment/Backwall : RIGHT EXTENSION MINOR TO MODERATE DECAY WITH UP TO 25% SECTION LOSS OF TIMBER LAGGING, 3" REMAINING OF 4" ORIGINAL THICKNESS (10'x8') (PM)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

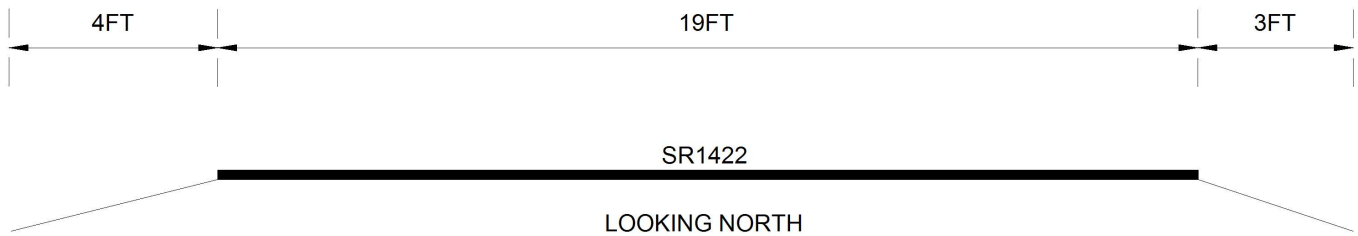
Bridge: 020035

County ALLEGHANY

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

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	40 SF
Location:		
Bent/Span No.		
Priority Level	Status	
Recommended	Routine Maintenance	
Submitted Date:	Submitted By:	Assisted By:
10/24/2018	MIKE CLINGER	
Details		
End Bent 2 Abutment/Backwall : RIGHT EXTENSION MINOR TO MODERATE DECAY SPOTS WITH UP TO 50% SECTION LOSS OF TIMBER LAGGING, 2" REMAINING OF 4" ORIGINAL THICKNESS (40 SF), THROUGHOUT. RIGHT OF PILE 7 TO RIGHT END EXTENSION TIMBER PILE (PM)		

Bridge Inspection Field Sketch



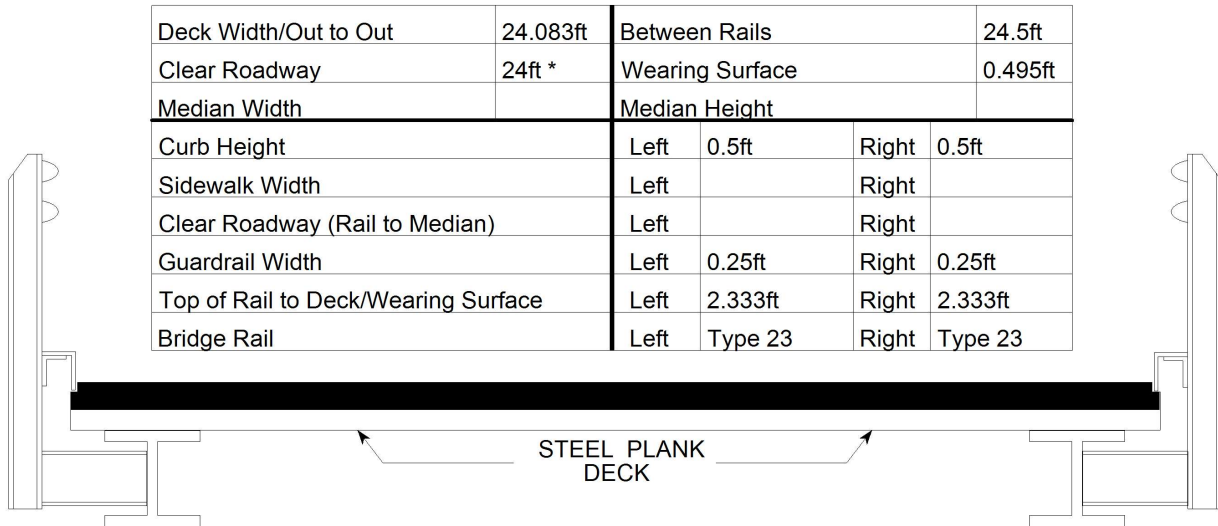
Roadway	19ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	3ft Wide		3ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN 10FT FROM NEAR END OF BRIDGE

REVISED 10/23/2018 MCC & MWR
VERIFIED 10/3/16 MI / GRC

Title APPROACH ROADWAY		Description APPROACH ROADWAY	
Bridge No: 020035	Drawn By: G.R.R.	Date: 09/12/2008	File Name: S0130001162

Bridge Inspection Field Sketch

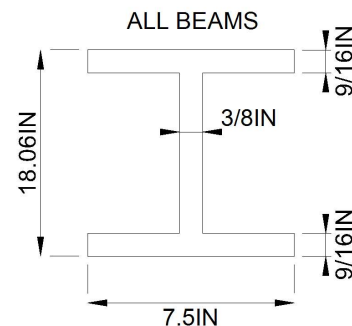


Measurements for Span #	1		
Deck Thickness	0.245	Left Overhang	0.508
Top of Rail to Bottom of Beam	4.578	Right Overhang	0.508

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	2.563ft	
2	Steel I Beam	2.563ft	
3	Steel I Beam	2.563ft	
4	Steel I Beam	2.563ft	
5	Steel I Beam	2.563ft	
6	Steel I Beam	2.563ft	
7	Steel I Beam	2.563ft	
8	Steel I Beam	2.563ft	
9	Steel I Beam	2.563ft	
10	Steel I Beam	ft	

* MEASUREMENT TAKEN FROM FACE OF CURB TO FACE OF CURB

2 5/8" X 10" CHANNEL
DIAPH. AT 1/3 POINTS



REVISED 10/23/2018 MCC & MWR
VERIFIED 10/3/16 MI / GRC

Title

TYPICAL SECTION

Description

SUPER

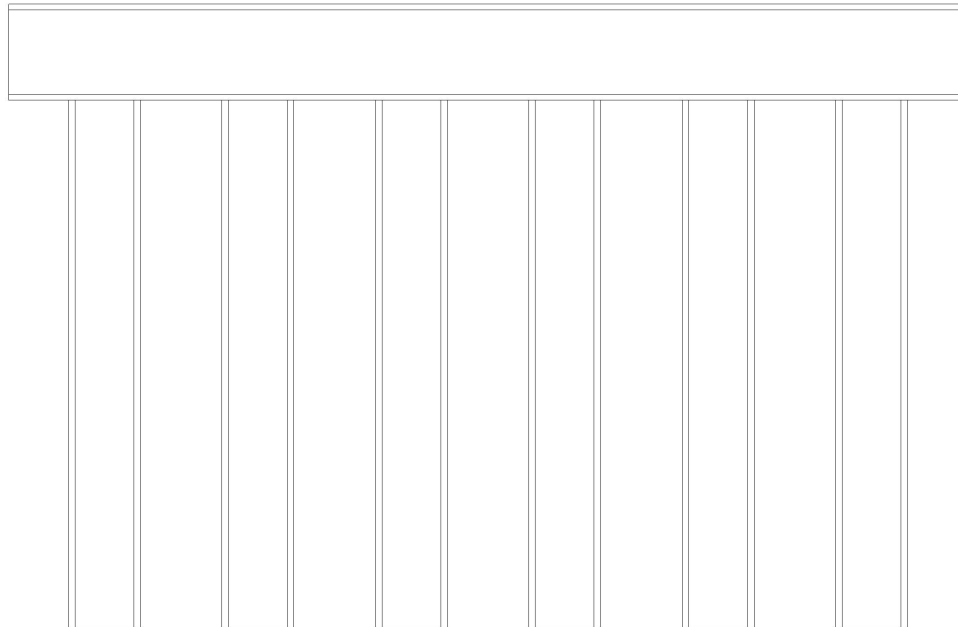
Bridge No: 020035

Drawn By: DCW

Date: 09/12/2008

File Name: S0126001027

Bridge Inspection Field Sketch



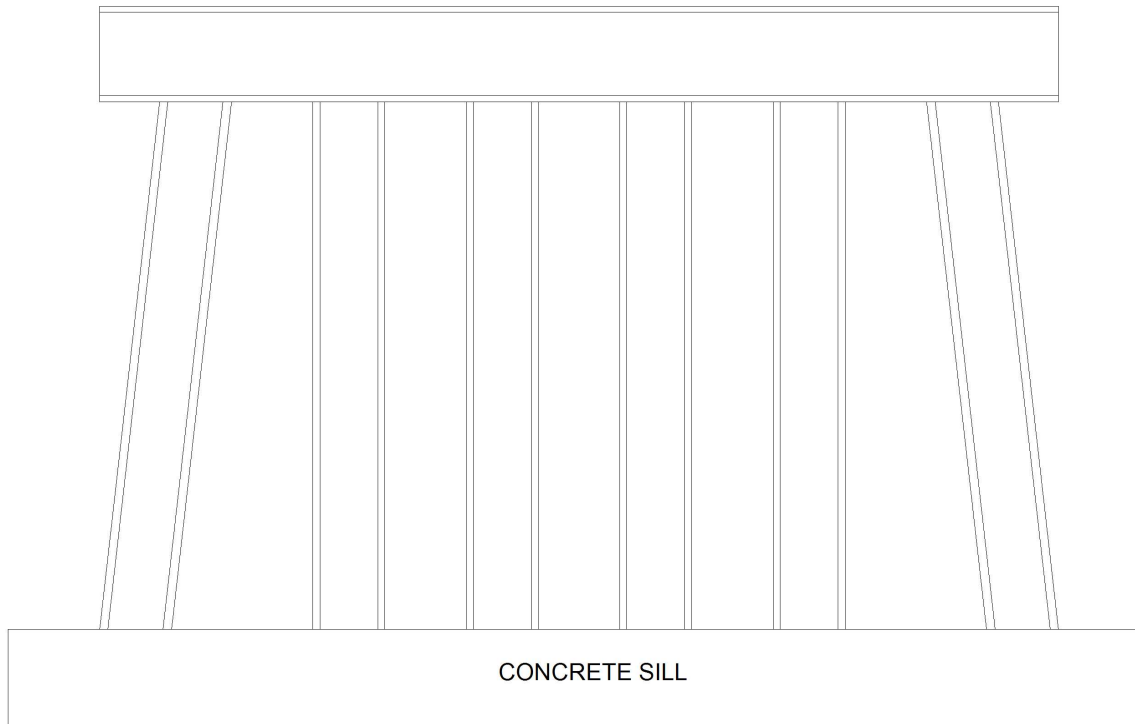
Abutment #	1		
Cap - Beam Type (Steel)			
Cap Size	35ft Long	1ft Wide	0.98ft High
Left Overhang	1.917ft	Lt Cap/Beam Overhang	.917ft
Right Overhang	1ft	Rt Cap/Beam Overhang	.917ft
Sill - Spread			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Steel	Pile Bent	6' 1"		12"		Vertical
2	Steel	Pile Bent	6' 8"		12"		Vertical
3	Steel	Pile Bent	6' 5"		12"		Vertical
4	Steel	Pile Bent	6' 4"		12"		Vertical
5	Steel	Pile Bent	6' 7"		12"		Vertical
6	Steel	Pile Bent			12"		Vertical

VERIFIED 10/23/2018 MCC & MWR
VERIFIED 10/3/16 MI / GRC

Title		Description	
END BENT 1		SUB AB 1	
Bridge No:	020035	Drawn By:	G.R.R.
Date:	09/12/2008	File Name:	S0130001159

Bridge Inspection Field Sketch



Bent #	1		
Cap - Beam Type (Steel)			
Cap Size	35ft Long	1ft Wide	0.98ft High
Left Overhang	1.417ft	Lt Cap/Beam Overhang	.917ft
Right Overhang	1.417ft	Rt Cap/Beam Overhang	.917ft
Sill - Spread			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Steel	Pile Bent	6' 5"		12"		Batter Pile
2	Steel	Pile Bent	6' 5"		12"		Vertical
3	Steel	Pile Bent	6' 6"		12"		Vertical
4	Steel	Pile Bent	6' 5"		12"		Vertical
5	Steel	Pile Bent	6' 5"		12"		Vertical
6	Steel	Pile Bent			12"		Batter Pile

VERIFIED 10/23/2018 MCC & MWR
VERIFIED 10/3/16 MI / GRC

Title BENT 1		Description SUB PIER	
Bridge No: 020035	Drawn By: G.R.R.	Date: 09/12/2008	File Name: S0130001161

Bridge Inspection Field Sketch



Abutment #	2		
Cap - Beam Type (Steel)			
Cap Size	35ft Long	1ft Wide	0.98ft High
Left Overhang	1.417ft	Lt Cap/Beam Overhang	.917ft
Right Overhang	1.417ft	Rt Cap/Beam Overhang	.917ft
Sill - Spread			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Steel	Pile Bent	6' 5"		12"		Vertical
2	Steel	Pile Bent	6' 5"		12"		Vertical
3	Steel	Pile Bent	6' 6"		12"		Vertical
4	Steel	Pile Bent	6' 5"		12"		Vertical
5	Steel	Pile Bent	6' 5"		12"		Vertical
6	Steel	Pile Bent			12"		Vertical

VERIFIED 10/23/2018 MCC & MWR
VERIFIED 10/3/16 MI / GRC

Title END BENT 2		Description SUB AB 2	
Bridge No: 020035	Drawn By: G.R.R.	Date: 09/12/2008	File Name: S0130001160