



NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STRUCTURE MANAGEMENT UNIT

ATTENTION: **PRIORITY ACTION REQUEST, NEW REPAIRS**

# Structure Safety Report

## Routine Element Inspection - Contract

STRUCTURE NUMBER: 100154      SAP STRUCTURE NO: 0110154      FHWA STRUCTURE NO: 00000000210154

DIVISION: 13      COUNTY: BUNCOMBE      INSPECTION DATE: 01/05/2023      FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1003      MILE POST: \_\_\_\_\_

LOCATION: 0.02 MI.S.JCT.NC197

FEATURE INTERSECTED: IVY CREEK

LATITUDE: 35° 46' 38.58"      LONGITUDE: 82° 27' 31.52"

SUPERSTRUCTURE: TIMBER FLOOR ON I-BEAMS

SUBSTRUCTURE: ABUTS:EXISTING YOUNT MASONRY;PIER:SOLID CONC.

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

FRACTURE CRITICAL     TEMPORARY SHORING     SCOUR CRITICAL     SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding)    DECK 7/7    SUPERSTRUCTURE 5/5    SUBSTRUCTURE 5/5    CULVERT N/N

POSTED SV: Not Posted      POSTED TTST: Not Posted

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



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

DIRECTION OF INSPECTION      S-N

DIRECTION MATCHES PLANS      NO PLANS

SOUTH APPROACH LOOKING NORTH

INSPECTED BY CARL LARSON	SIGNATURE 	ASSISTED BY TYLER WALIEZER
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IDENTIFICATION

(1) STATE NAME	NORTH CAROLINA	BRIDGE	100154
(8) STRUCTURE NUMBER (FEDERAL)			0210154
(5) INVENTORY ROUTE (ON/UNDER)	ON		31010030
(2) STATE HIGHWAY DEPARTMENT DISTRICT			13
(3) COUNTY CODE (FEDERAL)	21	(4) PLACE CODE	0
(6) FEATURE INTERSECTED	IVY CREEK		
(7) FACILITY CARRIED	SR1003		
(9) LOCATION	0.02 MI.S.JCT.NC197		
(11) MILEPOINT			0.0
(12) BASE HIGHWAY NETWORK			0
(13) LRS INVENTORY ROUTE & SUBROUTE			0
(16) LATITUDE	35° 46' 38.58"	(17) LONGITUDE	82° 27' 31.52"
(98) BORDER BRIDGE STATE CODE		PERCENT SHARED	
(99) BORDER BRIDGE STRUCTURE NUMBER			

SUFFICIENCY RATING	62.04
STATUS =	
CLASSIFICATION	CODE
(112) NBIS BRIDGE SYSTEM	Y
(104) HIGHWAY SYSTEM	Inventory Route not on NHS
(26) FUNCTIONAL CLASS	Rural Minor Collector
(100) STRAHNET HIGHWAY	Not a STRAHNET Route
(101) PARALLEL STRUCTURE	No parallel structure exists
(102) DIRECTION OF TRAFFIC	2-way traffic
(103) TEMPORARY STRUCTURE	
(110) DESIGNATED NATIONAL NETWORK - on national network for trucks	0
(20) TOLL	On Free Road
(21) MAINT -	01
(22) OWNER -	01
(37) HISTORICAL SIGNIFICANCE -	5

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN		Steel
TYPE	Stringer/Multi-beam or girder	CODE 302
(44) STRUCTURE TYPE APPROACH		
TYPE		CODE
(45) NUMBER OF SPANS IN MAIN UNIT		2
(46) NUMBER OF SPANS IN APPROACH		0
(107) DECK STRUCTURE TYPE		CODE 8
(108) WEARING SURFACE/PROTECTIVE SYSTEM		
(A) TYPE OF WEARING SURFACE		CODE 6
(B) TYPE OF MEMBRANE		CODE 0
(C) TYPE OF DECK PROTECTION		CODE 0

(20) TOLL	On Free Road	3
(21) MAINT -		01
(22) OWNER -		01
(37) HISTORICAL SIGNIFICANCE -		5
CONDITION	CODE	
(58) DECK	7	
(59) SUPERSTRUCTURE	5	
(60) SUBSTRUCTURE	5	
(61) CHANNEL & CHANNEL PROTECTION	6	
(62) CULVERTS	N	

LOAD RATING AND POSTING

(31) DESIGN LOAD	Unknown	0
(63) OPERATING RATING METHOD -	Load Factor	1
(64) OPERATING RATING -	HS-27	48
(65) INVENTORY RATING METHOD -		1
(66) INVENTORY RATING	HS-16	28
(70) BRIDGE POSTING	No Posting Required	5
(41) STRUCTURE OPEN, POSTED, OR CLOSED		A
DESCRIPTION	Open, no restriction	

APPRAISAL

(67) STRUCTURAL EVALUATION	5
(68) DECK GEOMETRY	N
(69) UNDERCLEARANCES, VERT & HORIZ	N
(71) WATERWAY ADEQUACY	6
(72) APPROACH ROADWAY ALIGNMENT	6
(36) TRAFFIC SAFETY FEATURES	0000
(113) SCOUR CRITICAL BRIDGES	8

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK	CODE		
(76) LENGTH OF STRUCTURE IMPROVEMENT			
(94) BRIDGE IMPROVEMENT COST			
(95) ROADWAY IMPROVEMENT COST			
(96) TOTAL PROJECT COST			
(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(114) FUTURE ADT	2,400	YEAR OF FUTURE ADT	2040

NAVIGATION DATA

(38) NAVIGATION CONTROL -		CODE	0
(111) PIER PROTECTION	Navigation Protection not required	CODE	1
(39) NAVIGATION VERTICAL CLEARANCE			0.0
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR			0.0
(40) NAVIGATION HORIZONTAL CLEARANCE			0.0

INSPECTION

(90) INSPECTION DATE	01/23	(91) FREQUENCY	24
(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE	
A) FRACTURE CRIT DETAIL		A)	
B) UNDERWATER INSP		B)	
C) OTHER SPECIAL INSP		C)	

SCOUR

## Superstructure Build Details

Span Number 1

Span Length 40.042

Skew 90.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Timber Deck	Timber Deck	773 Square Feet		
18	Other Bearing	Other Bearings	18 Each	Unknown	18
2	Steel Rail	Metal Bridge Railing	82 Feet	Galvanized Protective System	82
1	Asphalt Wearing Surface	Wearing Surface	733 Square Feet		
9	Plate Girder	Steel Open Girder/Beam	360 Feet	Legacy Red Lead Primer Systems with Various Topcoats	2268

Span Number 2

Span Length 40.042

Skew 90.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
18	Other Bearing	Other Bearings	18 Each	Unknown	18
1	Timber Deck	Timber Deck	765 Square Feet		
9	Plate Girder	Steel Open Girder/Beam	360 Feet	Legacy Red Lead Primer Systems with Various Topcoats	2304
2	Steel Rail	Metal Bridge Railing	82 Feet	Galvanized Protective System	82
1	Asphalt Wearing Surface	Wearing Surface	733 Square Feet		

# Structure Element Scoring

Structure Number: 100154

Inspection Date 1/5/2023

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
31		Timber Deck	Deck	1,538	1,538	0	0	0
107		Steel Open Girder/Beam	Beam	720	6	672	0	42
515	107	Steel Protective Coating	Beam	4,572	4,568	0	0	4
316		Other Bearings	Bearing Device	36	32	0	4	0
515	316	Steel Protective Coating	Bearing Device	36	36	0	0	0
330		Metal Bridge Railing	Bridge Rail	164	160	0	4	0
515	330	Steel Protective Coating	Bridge Rail	164	164	0	0	0
510		Wearing Surface	Wearing Surfaces	1,466	0	0	1,466	0
205		Reinforced Concrete Column	Piles and Columns	1	0	0	1	0
215		Reinforced Concrete Abutment	Abutments	30	0	30	0	0
217		Masonry Abutments	Abutments	30	0	30	0	0
234		Reinforced Concrete Pier Cap	Caps	49	30	19	0	0

# Summary of Maintenance Needs

## Maintenance By Defect

Structure Number: 100154

Inspection Date: 01/05/2023

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	42 Feet
3348	Reinforced Concrete Column	Delamination/Spall	17 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	1 Feet
3334	Other Bearings	Connection	4 Each
3322	Metal Bridge Railing	Connection	4 Feet
2816	Wearing Surface	Crack (Wearing Surface)	1466 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	4 Square Feet

## Element Structure Maintenance Quantities

Structure Number: 100154

Inspection Date 01/05/2023

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	42	720	42.000	0.000	672.000	6.000
Beam	3342	Clean and Paint Steel	4	4572	4.000	0.000	0.000	4568.000
Bearing Device	3334	Bridge Bearing	4	36	0.000	4.000	0.000	32.000
Bearing Device	3342	Clean and Paint Steel	0	36	0.000	0.000	0.000	36.000
Bridge Rail	3322	Maintenance of Steel Bridge Rail	4	164	0.000	4.000	0.000	160.000
Bridge Rail	3342	Clean and Paint Steel	0	164	0.000	0.000	0.000	164.000
Deck	3324	Maintenance of Timber Deck Components	0	1538	0.000	0.000	0.000	1538.000
Wearing Surfaces	2816	Asphalt Surface Repair	1466	1466	0.000	1466.000	0.000	0.000
Abutments	3350	Maintenance of Concrete Wings and Wall	0	30	0.000	0.000	30.000	0.000
Abutments	3350	Maintenance of Concrete Wings and Wall	0	30	0.000	0.000	30.000	0.000
Caps	3348	Maintenance of Concrete Substructure	1	49	0.000	0.000	19.000	30.000
Piles and Columns	3348	Maintenance of Concrete Substructure	17	1	0.000	1.000	0.000	0.000

# Priority Actions Request

Structure Number 100154

## Span 1

3334	Beam 2	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Connection	1	Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT IN BEAM 2 BEARING (PRIORITY ACTION REQUEST)	
3314	Beam 3	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 1 Beam 3: ACTIVE CORROSION UP TO 1 FOOT 4 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1 (PRIORITY ACTION REQUEST)	
2	Connection	1	Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT NUT IN BEAM 3 BEARING (PRIORITY ACTION REQUEST)	
3334	Beam 4	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Connection	1	Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT AND ANCHOR BOLT NUT IN BEAM 4 BEARING (PRIORITY ACTION REQUEST)	
3334	Beam 5	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Connection	1	Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT IN BEAM 5 BEARING (PRIORITY ACTION REQUEST)	
3322	Right Bridge Rail	Steel Rail		
Priority Level	Defect Type	Quantity	Defect Description	
2	Connection	1	Span 1 Right Bridge Rail: MISSING (1) ANCHOR BOLT AT POST 3 (PRIORITY ACTION REQUEST)	
2	Connection	3	Span 1 Right Bridge Rail: MISSING (3) ANCHOR BOLTS AT POST 5 (PRIORITY ACTION REQUEST)	
2	Damage	2	Span 1 Right Bridge Rail: IMPACT DAMAGE UP TO 2 FEET LONG WITH HOLE UP TO 3 INCHES LONG X 1 INCH HIGH IN THE SOUTH END TERMINAL (PRIORITY ACTION REQUEST)	

## Span2

3314	Beam 9	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	41	Span 2 Beam 9: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO	

? Priority Action Request (PAR)
 1 Assigned Routine Maintenance
 2 Assigned Priority Maintenance
 3 Assigned Critical Find

# Priority Actions Request

Structure Number 100154

1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE // ARRESTED CORROSION UP TO 7 FEET 8 INCHES LONG X FULL WIDTH WITH 3/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 2 // ARRESTED CORROSION UP TO 16 FEET 9 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 1 (PRIORITY ACTION REQUEST)

## Other Ground Mounted Signs

3250	Other Ground Mounted Signs	Other Ground Mounted Signs	
Priority Level	Defect Type	Quantity	Defect Description
2		1	SOUTHEAST NARROW BRIDGE SIGN IS DEFACED WITH PAINT (PRIORITY ACTION REQUEST)

## Element Condition and Maintenance Data

Structure Number: 100154

Inspection Date: 01/05/2023

<b>Span 1</b>	<b>Beam 1</b>
<b>Plate Girder</b>	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	252	252	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X FULL HEIGHT WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2	40	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

<b>Span 1</b>	<b>Beam 2</b>
<b>Plate Girder</b>	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	252	252	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO 4 FEET 6 INCHES LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1	2	5	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X 1 INCH WIDE WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE EDGES	2	35	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

<b>Span 1</b>	<b>Beam 3</b>
<b>Plate Girder</b>	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	38	0	2	Feet
515	Steel Protective Coating	252	250	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: 100154

Inspection Date: 01/05/2023

<input checked="" type="checkbox"/>	107	Corrosion	ACTIVE CORROSION UP TO 1 FOOT 4 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1 (PRIORITY ACTION REQUEST)	4	2	2 Feet
<input checked="" type="checkbox"/>	107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE	2	38	Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	ACTIVE CORROSION UP TO 1 FOOT 4 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1	4	2	2 Square Feet

General Comments

(2) 7/8 INCH HOLES, 17 FEET 8 INCHES FROM ABUTMENT 1, 5 INCHES VERTICAL SPACING

**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	40	0	40	0	0 Feet
515	Steel Protective Coating	252	252	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	107	Corrosion			
		ARRESTED CORROSION UP TO 2 FEET LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1	2	2	Feet
<input checked="" type="checkbox"/>	107	Corrosion			
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE	2	38	Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)			
		BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		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	40	0	40	0	0 Feet
515	Steel Protective Coating	252	252	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	107	Corrosion			
		ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1	2	2	Feet
<input checked="" type="checkbox"/>	107	Corrosion			
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 1 INCH WIDE WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE EDGES	2	38	Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)			
		BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		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	40	0	40	0	0 Feet
515	Steel Protective Coating	252	250	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO 3 FEET 4 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1	2	4	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	34	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	CORROSION UP TO 1 FOOT 10 INCHES LONG X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB AT BENT 1	2	2	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	CORROSION UP TO 1 FOOT 10 INCHES LONG X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB AT BENT 1	4	2	2 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	40	3	37	0	0 Feet
515	Steel Protective Coating	252	252	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	37	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	(2) REPAIR PLATES UP TO 2 FEET 6 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM LEFT FLANGE AND 3 FEET 4 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM RIGHT FLANGE AT END BENT 1	1	3	Feet
<input checked="" type="checkbox"/> 107	Corrosion	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Feet

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				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	40	0	40	0	0	Feet
515	Steel Protective Coating	252	252	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	40		Feet
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB	2			Feet
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2			Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)				
		BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet
General Comments						

**Span 1** **Beam 9**  
**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	252	252	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2			Feet
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 5 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2	40		Feet
<input checked="" type="checkbox"/>	107	Corrosion				
		ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2			Feet

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<input checked="" type="checkbox"/>	107	Corrosion	(4) REPAIR PLATES (1) UP TO 3 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE LEFT BOTTOM FLANGE, (2) UP TO 2 FEET LONG X 7 INCHES HIGH X 3/4 INCH THICK IN THE LEFT AND RIGHT SIDES OF THE WEB, AND (1) UP TO 4 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE RIGHT BOTTOM FLANGE AT END BENT 1	1	4	Feet
<input checked="" type="checkbox"/>	107	Corrosion	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 1 Wearing Surface**  
**Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	733	0	0	733	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	Crack (Wearing Surface)	TRANSVERSE CRACK UP TO FULL WIDTH X 1/4 INCH WIDE AT END BENT 1	3	19	19 Square Feet
<input checked="" type="checkbox"/>	Crack (Wearing Surface)	TRANSVERSE CRACKS UP TO FULL WIDTH X 1/8 INCH WIDE AT LESS THAN 1 FOOT SPACING ALONG THE DECK BOARD EDGES THROUGHOUT	3	714	714 Square Feet

General Comments

**Span 1 Left Bridge Rail**  
**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	41	41	0	0	0 Feet
515	Steel Protective Coating	41	41	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	Corrosion	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
<input checked="" type="checkbox"/>	Damage	REPAIR PLATE UP TO 8 INCHES WIDE X 6 INCHES HIGH X 1/2 INCH THICK IN THE 2ND SPACER BLOCK FROM END BENT 1	1	1	Feet
<input checked="" type="checkbox"/>	Effectiveness (Steel Protective Coatings)	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Right Bridge Rail**  
**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	41	37	0	4	0 Feet
515	Steel Protective Coating	41	41	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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Structure Number: 100154

Inspection Date: 01/05/2023

<input checked="" type="checkbox"/>	330	Connection	MISSING (1) ANCHOR BOLT AT POST 3 (PRIORITY ACTION REQUEST)	3	1	1	Feet
<input checked="" type="checkbox"/>	330	Connection	MISSING (3) ANCHOR BOLTS AT POST 5 (PRIORITY ACTION REQUEST)	3	1	3	Feet
<input checked="" type="checkbox"/>	330	Damage	IMPACT DAMAGE UP TO 2 FEET LONG WITH HOLE UP TO 3 INCHES LONG X 1 INCH HIGH IN THE SOUTH END TERMINAL (PRIORITY ACTION REQUEST)	3	2		Feet
<input checked="" type="checkbox"/>	330	Corrosion	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	316	Connection	MISSING LEFT ANCHOR BOLT IN BEAM 2 BEARING (PRIORITY ACTION REQUEST)	3	1	1	Each
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each	

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
General Comments								

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	316	Connection	MISSING LEFT ANCHOR BOLT NUT IN BEAM 3 BEARING (PRIORITY ACTION REQUEST)	3	1	1	Each
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each	
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet	
General Comments							

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Connection	MISSING LEFT ANCHOR BOLT AND ANCHOR BOLT NUT IN BEAM 4 BEARING (PRIORITY ACTION REQUEST)	3	1	1	Each
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Connection	MISSING LEFT ANCHOR BOLT IN BEAM 5 BEARING (PRIORITY ACTION REQUEST)	3	1	1	Each
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
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General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 1 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 1 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			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	40	0	40	0	0	Feet
515	Steel Protective Coating	256	256	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2	40		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 6 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2			Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2** **Beam 2**  
**Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	40	0	0 Feet
515	Steel Protective Coating	256	256	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	40	Feet
<input checked="" type="checkbox"/> 107	Damage	REPAIR ANGLE UP TO 1 FOOT LONG X 4 INCHES WIDE X 4 INCHES HIGH IN BAY 2 INTERMEDIATE DIAPHRAGM	1	1	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		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	40	0	40	0	0 Feet
515	Steel Protective Coating	256	256	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2	40	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL HEIGHT WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		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	40	0	40	0	0	Feet
515	Steel Protective Coating	256	256	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2	40		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2			Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			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	40	0	40	0	0	Feet
515	Steel Protective Coating	256	256	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X 6 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2	40		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			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	40	0	40	0	0	Feet
515	Steel Protective Coating	256	256	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO FULL LENGTH X INTERMITTENT FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE	2	40		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 6 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2			Feet
<input checked="" type="checkbox"/> 107	Damage	REPAIR ANGLE UP TO 1 FOOT LONG X 4 INCHES WIDE X 4 INCHES HIGH IN BAY 6 INTERMEDIATE DIAPHRAGM	1	1		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			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	40	3	37	0	0	Feet
515	Steel Protective Coating	256	256	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE	2			Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	37		Feet
<input checked="" type="checkbox"/> 107	Damage	REPAIR PLATE (3 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK) TO TOP OF LEFT SIDE BOTTOM FLANGE AT NEAR END	1	3		Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			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	40	0	40	0	0 Feet
515	Steel Protective Coating	256	256	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X 4 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT END BENT 2	2		Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 2	2	2	Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE	2	38	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		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	40	0	0	0	40 Feet
515	Steel Protective Coating	256	256	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE // ACTIVE CORROSION UP TO 7 FEET 8 INCHES LONG X FULL WIDTH WITH 3/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 2 // ARRESTED CORROSION UP TO 16 FEET 9 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 1 (PRIORITY ACTION REQUEST)	4	40	40 Feet
<input checked="" type="checkbox"/> 107	Corrosion	ARRESTED CORROSION UP TO 15 FEET 7 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 1	2		Feet

<input checked="" type="checkbox"/>	107	Corrosion	ARRESTED CORROSION UP TO 32 FEET 4 INCHES INCHES LONG X 5 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT BENT 1	2				Feet
<input checked="" type="checkbox"/>	107	Corrosion	ARRESTED CORROSION UP TO 7 FEET 8 INCHES LONG X 8 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT END BENT 2	2				Feet
<input checked="" type="checkbox"/>	107	Corrosion	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet

General Comments

**Span 2 Wearing Surface**  
**Asphalt Wearing Surface**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	733	0	0	733	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	TRANSVERSE CRACK UP TO FULL WIDTH X 1/4 INCH WIDE AT END BENT 2	3	19	19	Square Feet
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	TRANSVERSE CRACKS UP TO FULL WIDTH X 1/8 INCH WIDE AT LESS THAN 1 FOOT SPACING ALONG THE DECK BOARD EDGES THROUGHOUT	3	714	714	Square Feet

General Comments

**Span 2 Left Bridge Rail**  
**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	41	41	0	0	0	Feet
515	Steel Protective Coating	41	41	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	330	Corrosion	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Right Bridge Rail**  
**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	41	41	0	0	0	Feet
515	Steel Protective Coating	41	41	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
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<input checked="" type="checkbox"/>	330	Corrosion	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
General Comments								

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Square Feet
General Comments					

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 1 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Square Feet
General Comments					

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1	Square Feet
General Comments					

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 2 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 3 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
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General Comments

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 4 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 5 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet

General Comments

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 6 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 7 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1				Square Feet
General Comments								

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 8 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 2 Near Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1		Square Feet
General Comments						

**Span 2 Far Bearing**  
**Other Bearing**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	BEAM 9 BEARING REPAINTED PRIOR TO 2023 INSPECTION CYCLE	1			Square Feet

General Comments

**End Bent 1 Abutment**  
**Reinforced Concrete Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	30	0	30	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 215	Patched Area	REPAIR PATCH AREA UP TO FULL LENGTH X 3 FEET HIGH X 7 INCHES THICK	2	26		Feet
<input checked="" type="checkbox"/> 215	Scour	UNDERMINE (UP TO 2 FEET DEEP X 4 FEET LONG) TO ROCK AT NEAR RIGHT EXTENSION (UNDERMINE DOES NOT EXTEND TO ABUTMENT WALL)	2	4		Feet
<input checked="" type="checkbox"/> 215	Cracking (RC and Other)	REPAIR PATCH AREA UP TO FULL LENGTH X 3 FEET HIGH X 7 INCHES THICK (COMBINED WITH OTHER DEFECTS 2023 INSPECTION CYCLE)	1			Feet

General Comments

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

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	19	0	19	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	MAP CRACKING UP TO INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT X 1/32 INCH WIDE IN THE NORTH AND SOUTH FACES	2	18		Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	SPALLED AREA UP TO 3 INCHES LONG X 2 INCHES HIGH X 1 INCH DEEP IN THE NORTH FACE BELOW BEAM 4	2	1	1	Feet

General Comments

## Bent 1

## Pile 1

## Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 205	Delamination/Spall	SPALLED AREA UP TO 6 INCHES LONG X 2 FEET WIDE X 4 FEET HIGH WITH EXPOSED REINFORCEMENT IN THE NORTHWEST CORNER, 4 FEET BELOW CAP	3	1	4	Each
<input checked="" type="checkbox"/> 205	Delamination/Spall	SPALLED AREA UP TO 6 INCHES LONG X 5 INCHES WIDE X 1 FOOT HIGH IN THE NORTHEAST CORNER, 3 FEET BELOW CAP	3		1	Each
<input checked="" type="checkbox"/> 205	Abrasion/Wear (PSC/RC)	4-12-2022 UNDERWATER ABRASION TO 1/2 INCH	2			Each
<input checked="" type="checkbox"/> 205	Cracking (RC and Other)	MAP CRACKING UP TO FULL LENGTH X FULL HEIGHT X 1/32 INCH WIDE IN THE NORTH AND SOUTH FACES	2			Each
<input checked="" type="checkbox"/> 205	Delamination/Spall	4-12-2022 UNDERWATER SPALLING TO WEST AND EAST FACE OF BENT 1 AT AND BELOW WATERLINE 34 INCHES HIGH X 24 INCHES WIDE X 3 INCHES TO 5 INCHES DEEP.	2		12	Each
<input checked="" type="checkbox"/> 205	Scour	SCOUR AREA WITH FOOTING EXPOSED UP TO 2 FEET LONG X 1 FOOT HIGH WITH NO UNDERMINING IN THE WEST AND SOUTH FACES	2			Each

General Comments

## End Bent 1

## Cap 1

## Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	2X VERTICAL CRACKING (HAIRLINE X FULL HEIGHT ) TO FACE UNDER BAYS 1 AND 4 (REPAIRED WITH ABUTMENT PATCH 2023 INSPECTION CYCLE, SEE ABUTMENT NOTE)	1			Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	SPALL (8 INCHES LONG X 4 INCHES HIGH X 1 INCH DEEP) WITH NO EXPOSED REBAR TO FACE UNDER BEAM 9 (REPAIRED WITH ABUTMENT PATCH 2023 INSPECTION CYCLE, SEE ABUTMENT NOTE)	1			Feet
<input checked="" type="checkbox"/> 234	Patched Area	DELAMINATED PATCHING (UP TO 6 INCHES HIGH) THROUGHOUT TOP CORNER OF CAP UNDER BAYS 1 TO 3 & BAYS 4 TO 6 (REPAIRED WITH ABUTMENT PATCH 2023 INSPECTION CYCLE, SEE ABUTMENT NOTE)	1			Feet

General Comments

**End Bent 2**

**Abutment**

**Masonry Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
217	Masonry Abutments	30	0	30	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 217	Patched Area (Masonry)	REPAIR PATCH AREA UP TO FULL LENGTH X 6 FEET HIGH X 6 INCHES THICK	2	29	Feet
<input checked="" type="checkbox"/> 217	Split/Spall (Masonry)	SPALLED AREA UP TO 9 INCHES LONG X 6 INCHES HIGH X 2 INCHES DEEP BELOW BAY 6 IN THE BACKWALL	2	1	Feet
<input checked="" type="checkbox"/> 217	Patched Area (Masonry)	REPAIR PATCH AREA UP TO FULL LENGTH X 6 FEET HIGH X 6 INCHES THICK (COMBINED WITH OTHER DEFECTS 2023 INSPECTION CYCLE)	1		Feet
<input checked="" type="checkbox"/> 217	Split/Spall (Masonry)	REPAIR PATCH AREA UP TO FULL LENGTH X 6 FEET HIGH X 6 INCHES THICK (COMBINED WITH OTHER DEFECTS 2023 INSPECTION CYCLE)	1		Feet

General Comments

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Timber Deck	Timber Deck	773
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	40
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	733
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Timber Deck	Timber Deck	765
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	40
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	40
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	733
Span 2	Near Bearing	Other Bearing	Other Bearings	1

## Elements Verified

Location	Name	Component	Element Name	Amount
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	19
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	30
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	30
End Bent 2	Abutment	Masonry Abutment	Masonry Abutments	30

# General Inspection Notes

# National Bridge and NC Inspection Items

Structure Number: 100154

Inspection Date: 01/05/2023

## National Bridge Inventory Items

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

**Note:**  
Items 58,59,60,62 reflect this inspection only.  
  
For overall NBI coding grade, see cover sheet.

*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	G		
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	F	4	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		A		

*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	N
Portion of Structure in > 3' of water	YES/NO	Y

# National Bridge and NC SMU Inspection Item Details

Structure Number: 100154

Inspection Date: 01/05/2023

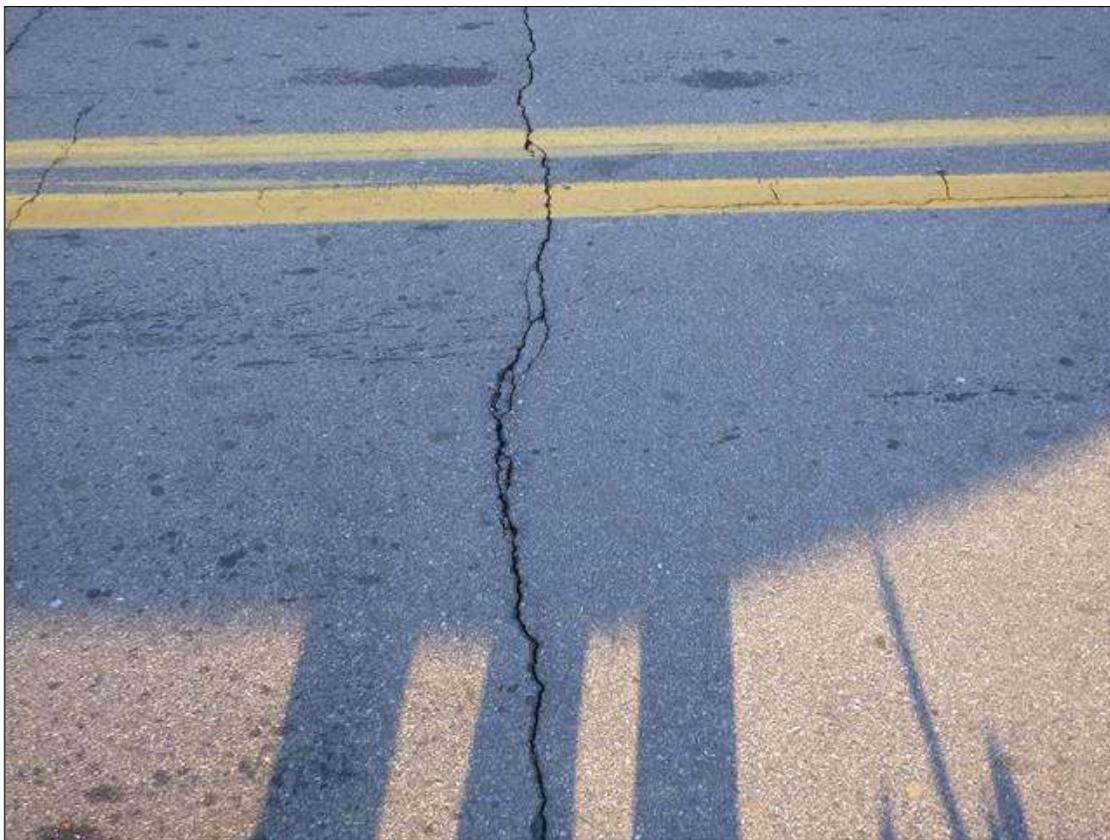
Item	Channel and Channel Protection - Item 61	Grade 6	Maint Code	Qty. 0
Details	SCOUR HOLE UP TO 20 FEET DIAMETER X 3 FEET DEEP AT THE EAST END OF END BENT 2 SCOUR AREA WITH FOOTING EXPOSED UP TO 2 FEET LONG X 1 FOOT HIGH WITH NO UNDERMINING IN THE WEST AND SOUTH FACES			
Item	Sign Notice Issued	Grade Y	Maint Code	Qty. 0
Details	SOUTHEAST NARROW BRIDGE SIGN IS DEFACED WITH PAINT (PRIORITY ACTION REQUEST)			
Item	Drift	Grade F	Maint Code 3366	Qty. 4
Details	DRIFT UP TO 2 FEET DIAMETER X 30 FEET LONG AT THE UPSTREAM END OF BENT 1			
Item	Utilities	Grade G	Maint Code	Qty. 0
Details	(1) 3/4 INCH DIAMETER POLYVINYL CHLORIDE CONDUIT UTILITY ALONG THE WEST OVERHANG			
Item	Scour	Grade F	Maint Code	Qty. 0
Details	SCOUR HOLE UP TO 20 FEET DIAMETER X 3 FEET DEEP AT THE EAST END OF END BENT 2 SCOUR AREA WITH FOOTING EXPOSED UP TO 2 FEET LONG X 1 FOOT HIGH WITH NO UNDERMINING IN THE WEST AND SOUTH FACES			
Item	General Comments and Misc Items	Grade	Maint Code	Qty. 0
Details	(2) LONGITUDINAL CRACKS UP TO INTERMITTENT 40 FEET LONG IN THE NORTHBOUND LANE OF THE NORTH APPROACH AT END BENT 2 MAP CRACKING UP TO INTERMITTENT FULL WIDTH X GREATER THAN 150 FEET LONG X 1/8 INCH WIDE IN THE SOUTH APPROACH AT END BENT 1			
Item	Portion of structure in > 3' of water (Y or N)	Grade Y	Maint Code	Qty. 0
Details	WEST END OF BENT 1 IS IN APPROXIMATELY 5 FEET OF WATER IN 2023 INSPECTION CYCLE			



(2) LONGITUDINAL CRACKS UP TO INTERMITTENT 40 FEET LONG IN THE NORTHBOUND LANE OF THE NORTH APPROACH AT END BENT 2



Span 2 Wearing Surface: TRANSVERSE CRACKS UP TO FULL WIDTH X 1/8 INCH WIDE AT LESS THAN 1 FOOT SPACING ALONG THE DECK BOARD EDGES THROUGHOUT



Span 2 Wearing Surface: TRANSVERSE CRACK UP TO FULL WIDTH X 1/4 INCH WIDE AT END BENT 2



Span 1 Wearing Surface: TRANSVERSE CRACK UP TO FULL WIDTH X 1/4 INCH WIDE AT END BENT 1



Span 2 Right Bridge Rail: RAIL HAS BEEN PAINTED PRIOR TO 2023 INSPECTION CYCLE



Span 1 Right Bridge Rail: IMPACT DAMAGE UP TO 2 FEET LONG WITH HOLE UP TO 3 INCHES LONG X 1 INCH HIGH IN THE SOUTH END TERMINAL (PRIORITY ACTION REQUEST)



SOUTHEAST NARROW BRIDGE SIGN IS DEFACED WITH PAINT (PRIORITY ACTION REQUEST)



MAP CRACKING UP TO INTERMITTENT FULL WIDTH X GREATER THAN 150 FEET LONG X 1/8 INCH WIDE IN THE SOUTH APPROACH AT END BENT 1



Span 1 Right Bridge Rail: MISSING (1) ANCHOR BOLT AT POST 3 (PRIORITY ACTION REQUEST)



Span 1 Right Bridge Rail: MISSING (3) ANCHOR BOLTS AT POST 5 (PRIORITY ACTION REQUEST)



SCOUR HOLE UP TO 20 FEET DIAMETER X 3 FEET DEEP AT THE EAST END OF END BENT 2



End Bent 2 Abutment: REPAIR PATCH AREA UP TO FULL LENGTH X 6 FEET HIGH X 6 INCHES THICK



Span 2 Beam 1: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 2: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 3: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 4: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 5: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 6: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 7: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 8: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 2 Beam 9: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE (PRIORITY ACTION REQUEST)



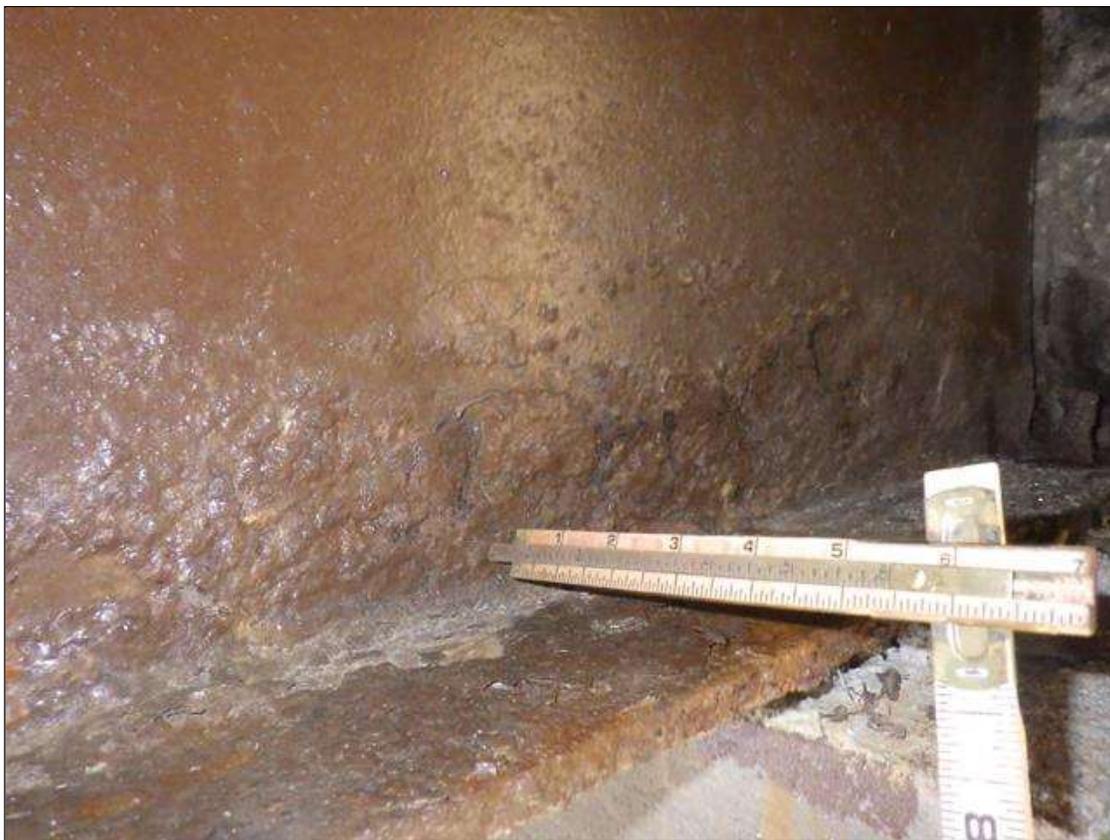
Span 2 Beam 9: ACTIVE CORROSION UP TO 7 FEET 8 INCHES LONG X FULL WIDTH WITH 3/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 2 (PRIORITY ACTION REQUEST)



Span 2 Beam 9: ARRESTED CORROSION UP TO 7 FEET 8 INCHES LONG X 8 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT END BENT 2



Span 2 Beam 8: ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 2



Span 2 Beam 8: ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X 4 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT END BENT 2



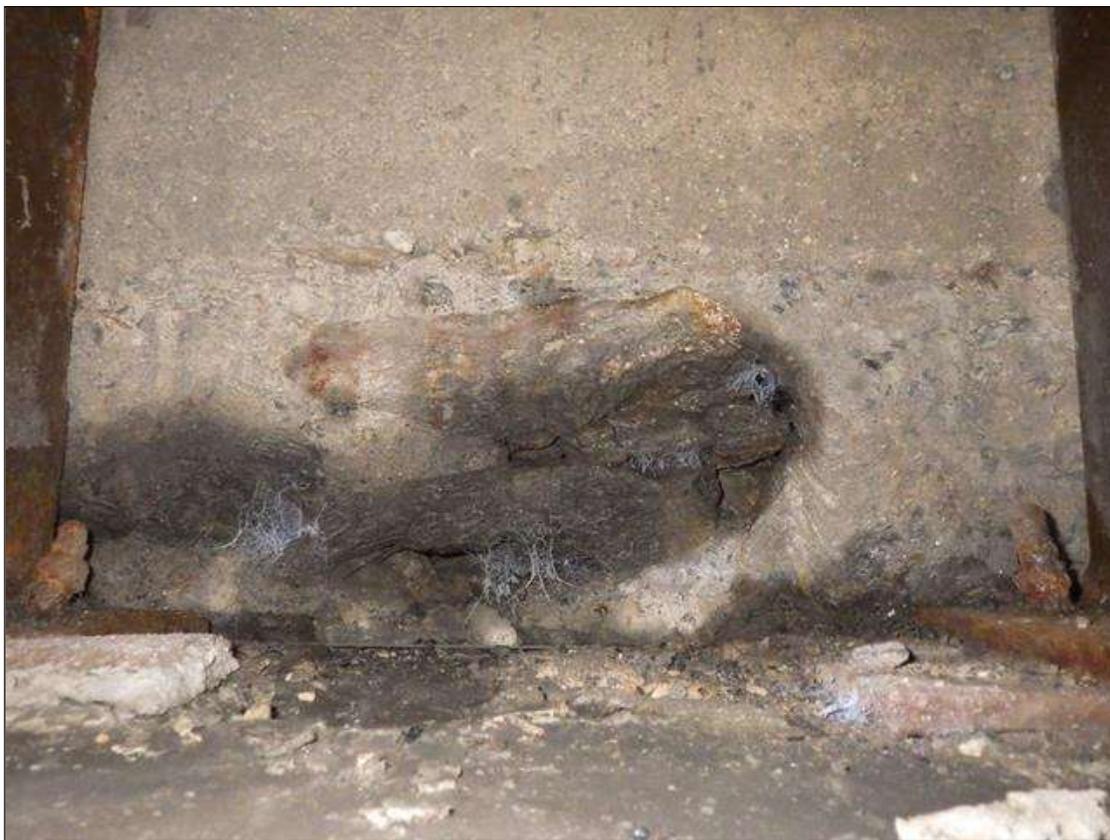
Span 2 Beam 7: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 2 Beam 6: ARRESTED CORROSION UP TO FULL LENGTH X INTERMITTENT FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 2 Beam 6: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 6 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



End Bent 2 Abutment: SPALLED AREA UP TO 9 INCHES LONG X 6 INCHES HIGH X 2 INCHES DEEP BELOW BAY 6 IN THE BACKWALL



Span 2 Beam 5: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 2 Beam 5: ARRESTED CORROSION UP TO FULL LENGTH X 6 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



Span 2 Beam 4: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 2 Beam 3: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 2 Beam 2: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 2 Beam 1: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 2 Beam 1: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 6 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB



Span 2 Beam 2: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB



Span 2 Beam 3: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL HEIGHT WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



Span 2 Beam 4: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



Span 2 Beam 6: REPAIR ANGLE UP TO 1 FOOT LONG X 4 INCHES WIDE X 4 INCHES HIGH IN BAY 6 INTERMEDIATE DIAPHRAGM



Span 2 Beam 2: REPAIR ANGLE UP TO 1 FOOT LONG X 4 INCHES WIDE X 4 INCHES HIGH IN BAY 2 INTERMEDIATE DIAPHRAGM



BEAM 6 BEARING AT BENT 1 REPAINTED PRIOR TO 2023 INSPECTION CYCLE (OTHERS SIMILAR)



Span 1 Beam 6: CORROSION UP TO 1 FOOT 10 INCHES LONG X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB AT BENT 1



Span 2 Beam 9: ARRESTED CORROSION UP TO 16 FEET 9 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 1 (PRIORITY ACTION REQUEST)



Span 2 Beam 9: ARRESTED CORROSION UP TO 32 FEET 4 INCHES INCHES LONG X 5 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB AT BENT 1



Span 2 Beam 9: ARRESTED CORROSION UP TO 15 FEET 7 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 1



DRIFT UP TO 2 FEET DIAMETER X 30 FEET LONG AT THE UPSTREAM END OF BENT 1



Bent 1 Pile 1: SPALLED AREA UP TO 6 INCHES LONG X 5 INCHES WIDE X 1 FOOT HIGH IN THE NORTHEAST CORNER, 3 FEET BELOW CAP



Bent 1 Pile 1: MAP CRACKING UP TO FULL LENGTH X FULL HEIGHT X 1/32 INCH WIDE IN THE NORTH AND SOUTH FACES



Bent 1 Pile 1: SPALLED AREA UP TO 6 INCHES LONG X 2 FEET WIDE X 4 FEET HIGH WITH EXPOSED REINFORCEMENT IN THE NORTHWEST CORNER, 4 FEET BELOW CAP



Bent 1 Cap 1: MAP CRACKING UP TO INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT X 1/32 INCH WIDE IN THE NORTH AND SOUTH FACES



Bent 1 Cap 1: SPALLED AREA UP TO 3 INCHES LONG X 2 INCHES HIGH X 1 INCH DEEP IN THE NORTH FACE BELOW BEAM 4



Span 1 Beam 9: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE



Span 1 Beam 9: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 1 Beam 8: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 1 Beam 8: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 1 Beam 7: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 1 Beam 7: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 1 Beam 6: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X INTERMITTENT FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 1 Beam 6: ARRESTED CORROSION UP TO FULL LENGTH X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE



Span 1 Beam 5: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 1 INCH WIDE WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE TOP FLANGE EDGES



Span 1 Beam 9: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 5 INCHES HIGH WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



Span 1 Beam 8: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X 8 INCHES HIGH WITH 1/32 INCH SECTION LOSS IN THE WEB



End Bent 1 Abutment: REPAIR PATCH AREA UP TO FULL LENGTH X 3 FEET HIGH X 7 INCHES THICK



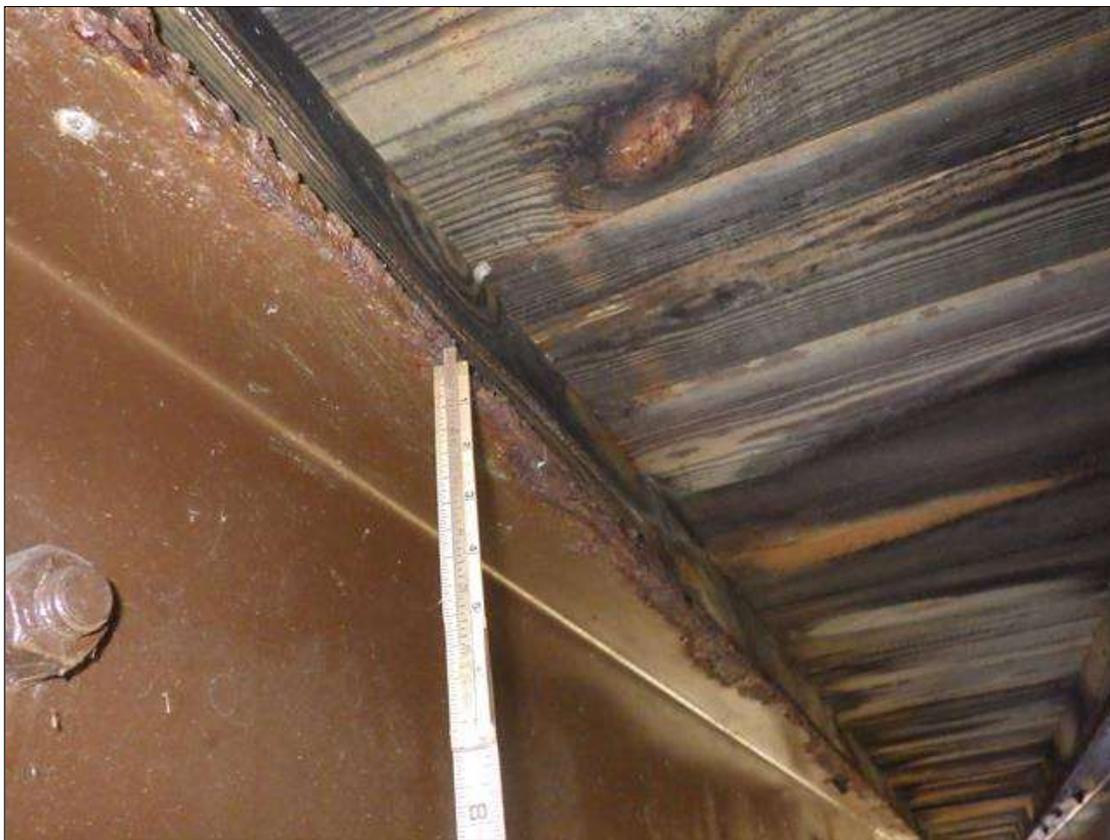
Span 1 Beam 1: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE



Span 1 Beam 2: ARRESTED CORROSION UP TO 4 FEET 6 INCHES LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1



Span 1 Beam 2: ARRESTED CORROSION UP TO FULL LENGTH X 1 INCH WIDE WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE EDGES



Span 1 Beam 1: ARRESTED CORROSION UP TO FULL LENGTH X FULL HEIGHT WITH 5/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE WEB



Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT IN BEAM 2 BEARING (PRIORITY ACTION REQUEST)



Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT NUT IN BEAM 3 BEARING (PRIORITY ACTION REQUEST)



Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT AND ANCHOR BOLT NUT IN BEAM 4 BEARING (PRIORITY ACTION REQUEST)



Span 1 Near Bearing: MISSING LEFT ANCHOR BOLT IN BEAM 5 BEARING (PRIORITY ACTION REQUEST)



Span 1 Beam 3: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE



Span 1 Beam 3: ACTIVE CORROSION UP TO 1 FOOT 4 INCHES LONG X FULL WIDTH WITH 3/8 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, GREATER THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1 (PRIORITY ACTION REQUEST)



Span 1 Beam 6: ARRESTED CORROSION UP TO 3 FEET 4 INCHES LONG X FULL WIDTH WITH 7/16 INCH REMAINING (GREATER THAN OR EQUAL TO 1/16 INCH SECTION LOSS, LESS THAN 25 PERCENT SECTION LOSS) IN THE BOTTOM FLANGE AT END BENT 1



Span 1 Beam 4: ARRESTED CORROSION UP TO INTERMITTENT FULL LENGTH X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE TOP FLANGE



Span 1 Beam 4: ARRESTED CORROSION UP TO 2 FEET LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1



Span 1 Beam 5: ARRESTED CORROSION UP TO 1 FOOT 6 INCHES LONG X FULL WIDTH WITH 1/32 INCH SECTION LOSS IN THE BOTTOM FLANGE AT END BENT 1



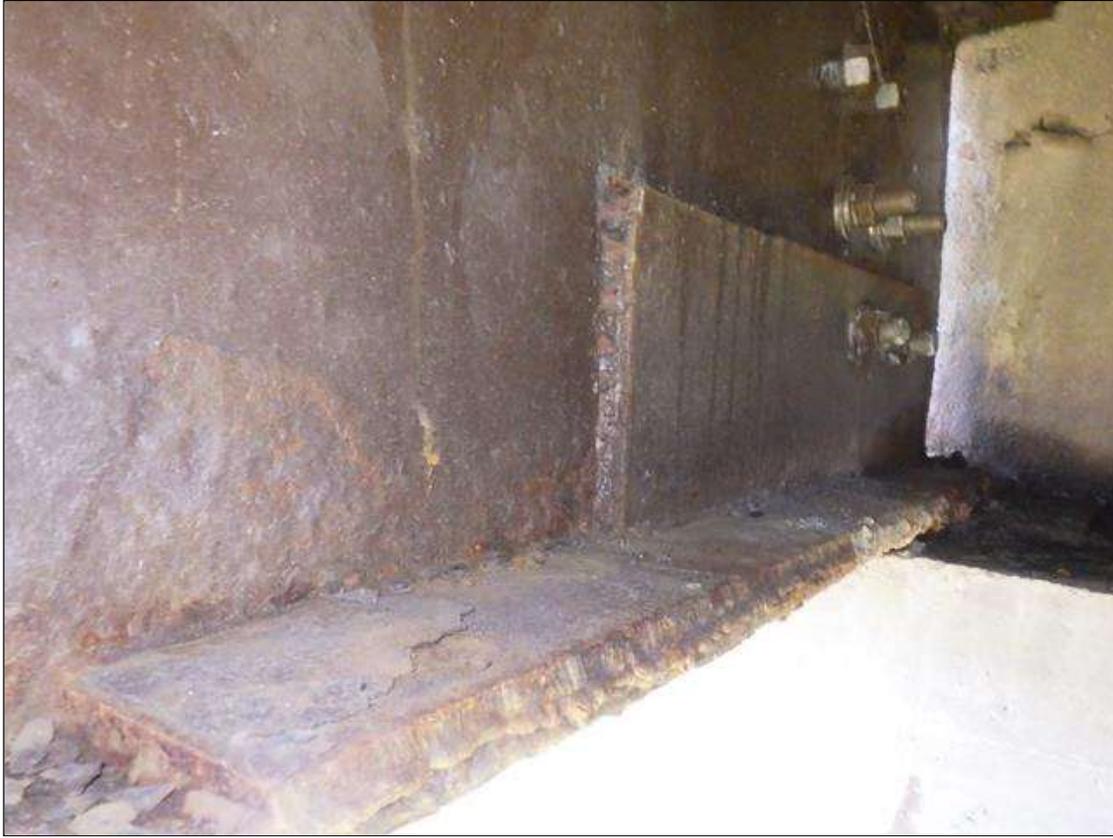
Span 1 Beam 7: (2) REPAIR PLATES UP TO 2 FEET 6 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM LEFT FLANGE AND 3 FEET 4 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM RIGHT FLANGE AT END BENT 1



Span 1 Beam 7: (2) REPAIR PLATES UP TO 2 FEET 6 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM LEFT FLANGE AND 3 FEET 4 INCHES LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE BOTTOM RIGHT FLANGE AT END BENT 1



Span 1 Beam 9: (4) REPAIR PLATES (1) UP TO 3 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE LEFT BOTTOM FLANGE, (2) UP TO 2 FEET LONG X 7 INCHES HIGH X 3/4 INCH THICK IN THE LEFT AND RIGHT SIDES OF THE WEB, AND (1) UP TO 4 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE RIGHT BOTTOM FLANGE AT END BENT 1



Span 1 Beam 9: (4) REPAIR PLATES (1) UP TO 3 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE LEFT BOTTOM FLANGE, (2) UP TO 2 FEET LONG X 7 INCHES HIGH X 3/4 INCH THICK IN THE LEFT AND RIGHT SIDES OF THE WEB, AND (1) UP TO 4 FEET LONG X 3 1/2 INCHES WIDE X 1/2 INCH THICK IN THE RIGHT BOTTOM FLANGE AT END BENT 1



Span 1 Left Bridge Rail: REPAIR PLATE UP TO 8 INCHES WIDE X 6 INCHES HIGH X 1/2 INCH THICK IN THE 2ND SPACER BLOCK FROM END BENT 1

# Stream Bed Soundings

(Profile diagram on following sheet)

County BUNCOMBE

Structure Number: 100154

Sounding Date 01/05/2023

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 5.1

Location of Highwater Mark DEBRIS ON END BENT 2

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	0.000	0.000	BEGIN STATION
0.001	2.600	0.000	TOP OF FILL FACE
0.500	2.600	0.000	TOP OF FILL FACE
0.501	4.900	0.000	TOP OF CAP
1.750	4.900	0.000	TOP OF CAP
1.751	7.000	13.200	FACE OF ABUTMENT 1
10.000	8.200	0.000	TOP OF BEDROCK
10.500	11.500	0.000	WATER SURFACE / WATER EDGE (WSWE)
12.000	12.400	0.000	STREAMBED
16.000	13.500	0.000	STREAMBED
24.000	12.600	0.000	STREAMBED
34.000	13.800	0.000	STREAMBED
40.500	15.100	11.200	BENT 1
46.000	15.800	0.000	STREAMBED
50.000	14.700	0.000	STREAMBED
66.000	13.000	0.000	STREAMBED
73.000	11.800	0.000	WATER SURFACE / WATER EDGE (WSWE)
75.000	11.200	0.000	GROUND LINE
78.332	10.400	10.300	FACE OF ABUTMENT 2
78.333	4.900	0.000	TOP OF CAP
79.582	4.900	0.000	TOP OF CAP
79.583	2.600	0.000	TOP OF FILL FACE
80.082	2.600	0.000	TOP OF FILL FACE
80.083	0.000	0.000	END STATION

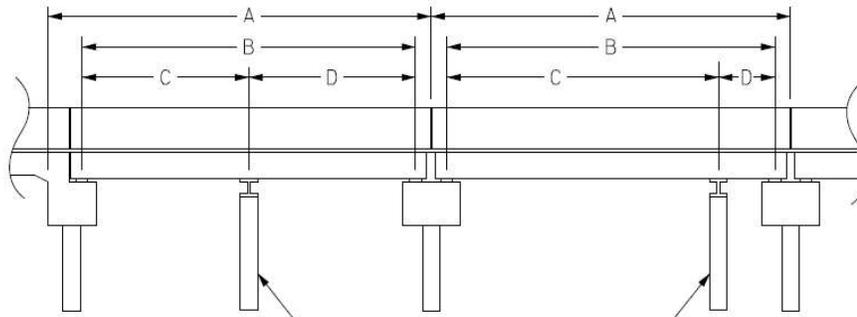


# Structure Data Worksheet

## Span Profile

County: BUNCOMBE

Structure Number: 100154



A: SPAN LENGTH  
 B: BEARING TO BEARING  
 C: DISTANCE FROM NEAR BEARING  
 D: DISTANCE TO FAR BEARING

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	40.042	39.667			
2	40.042	39.667			

# Bridge Inspection Field Sketch



Roadway	18.5ft Wide	2 Paved Lanes	Looking North
Left Shoulder	2ft Wide		2ft Unpaved
Right Shoulder	2ft Wide		2ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN 70 FEET SOUTH OF STRUCTURE

MEASUREMENTS VERIFIED BY RFD ON 1/05/2023

Title  
APPROACH ROADWAY

Description  
TYPICAL SECTION

Structure No: 100154

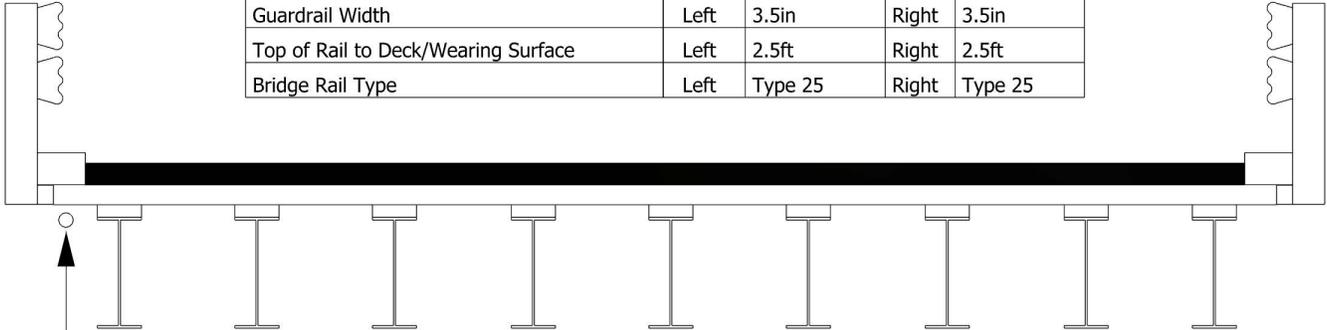
Drawn By: RFD

Date: 1/5/2023

Filename: S001098000171.wes

# Bridge Inspection Field Sketch

Deck Width/Out to Out	19.083ft	Between Rails	18.083ft		
Clear Roadway	18.083ft	Wearing Surface	4in		
Median Width		Median Height			
Curb Height		Left	Right		
Sidewalk Width		Left	Right		
Clear Roadway (Rail to Median)		Left	Right		
Guardrail Width		Left	3.5in	Right	3.5in
Top of Rail to Deck/Wearing Surface		Left	2.5ft	Right	2.5ft
Bridge Rail Type		Left	Type 25	Right	Type 25



(1) 3/4 INCH DIAMETER POLYVINYL CHLORIDE CONDUIT UTILITY

Measurements for Span #	1		
Deck Thickness	3.75in	Left Overhang	1ft
Top of Rail to Bottom of Beam (Avg)	5.1875ft	Right Overhang	1ft

Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	8.25in	20.75in	1ft	Left Edge of Deck
2	Plate Girder	8.25in	20.75in	2.145ft	Beam 1
3	Plate Girder	8.25in	20.75in	2.145ft	Beam 2
4	Plate Girder	8.25in	20.75in	2.167ft	Beam 3
5	Plate Girder	8.25in	20.75in	2.145ft	Beam 4
6	Plate Girder	8.25in	20.75in	2.145ft	Beam 5
7	Plate Girder	8.25in	20.75in	2.167ft	Beam 6
8	Plate Girder	8.25in	20.75in	2.167ft	Beam 7
9	Plate Girder	8.25in	20.75in	2ft	Beam 8

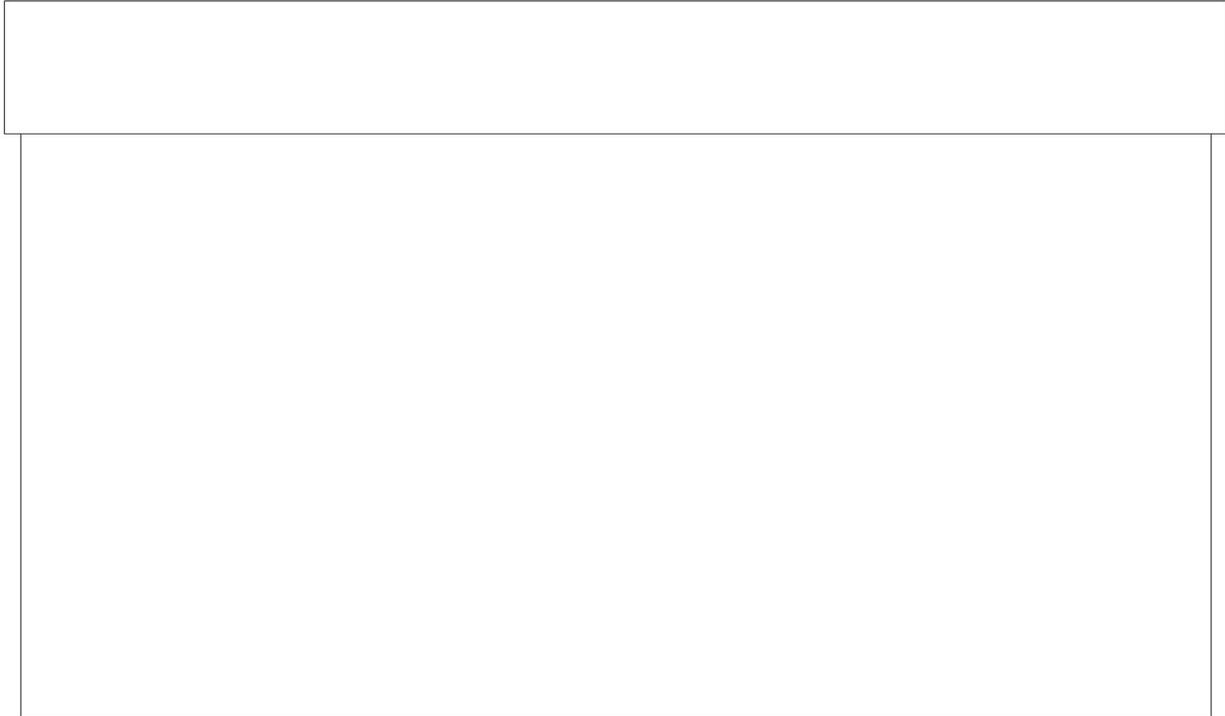


	<b>ALL BEAMS (W21X55)</b>
<b>DEPTH</b>	20 3/4 INCHES HIGH
<b>FLANGE</b>	8 1/4 INCHES WIDE X 1/2 INCH THICK
<b>WEB</b>	3/8 INCH THICK
<b>SHIM</b>	8 1/4 INCHES WIDE X 3 3/4 INCHES THICK

MEASUREMENTS VERIFIED BY RFD ON 1/05/2023

Title SUPERSTRUCTURE		Description LOOKING NORTH AT SPAN 1	
Structure No: 100154	Drawn By: RFD	Date: 1/05/2023	Filename: S001098000160.wes

# Bridge Inspection Field Sketch



Caps							
#	Name	Type	Length	Width	Height	Left Beam to End of Cap	Right Beam to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	18.417ft	24in	24in	0.833ft	0.833ft

Piles							
#	Name	Type	Spacing	From	Height/Diam	Width	Length
1	Pile 1	Reinforced Concrete Column	9.209ft	Left End of Bent	215in	24in	9ft

4/12/2022 UNDERWATER INSPECTED BENT FROM MUDLINE TO WATERLINE

MEASUREMENTS VERIFIED BY RFD ON 1/05/2023

Title SUBSTRUCTURE		Description SUBSTRUCTURE	
Structure No: 100154	Drawn By: JONATHAN OWENS	Date: 4/12/2022	Filename: S00045000006.wes

# Bridge Inspection Field Sketch

NORTH

ABUTMENT 2

FLOW: EAST TO WEST

WEST

WD= 4'-6"

BENT 1

WD= 2'-6"

EAST

ABUTMENT 1

SOUTH

Title  
PLAN VIEW

Description  
PLAN VIEW

Structure No: 100154

Drawn By: JOHN HOUSTON

Date: 4/12/2022

Filename: S00045000002.wes



NORTH APPROACH LOOKING SOUTH



NORTHWEST NARROW BRIDGE SIGN AT BRIDGE



WEST BRIDGE RAIL (EAST SIMILAR)



END BENT 2 TO NORTH APPROACH TRANSITION



LOOKING UPSTREAM EAST



LOOKING DOWNSTREAM WEST



SOUTH APPROACH LOOKING NORTH



SOUTHEAST NARROW BRIDGE SIGN APPROXIMATELY 200 FEET SOUTH OF BRIDGE



SOUTH APPROACH TO END BENT 1 TRANSITION



SPAN 1 ASPHALT WEARING SURFACE (OTHERS SIMILAR)



BENT 1 ELEVATION



SPAN 2 SUPERSTRUCTURE



END BENT 1 ELEVATION



SPAN 1 SUPERSTRUCTURE



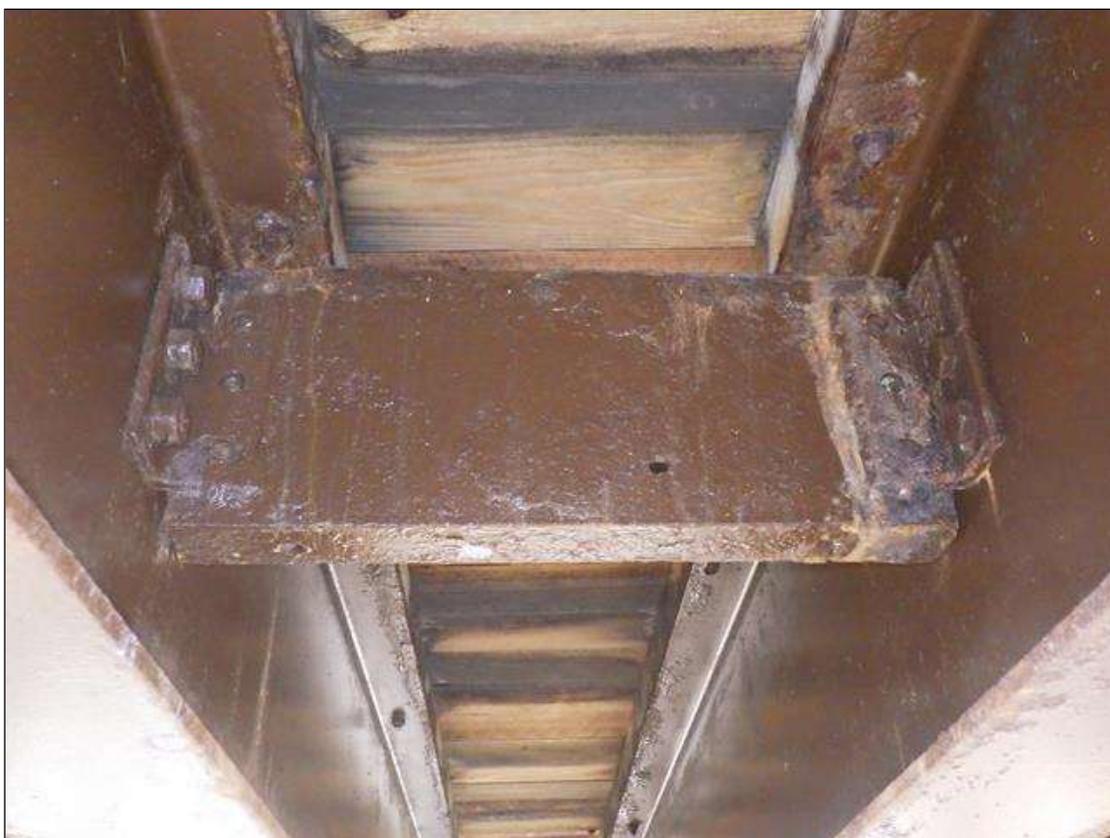
EAST ELEVATION LOOKING WEST



NORTHWEST MASONRY WINGWALL (OTHERS SIMILAR)



(1) 3/4 INCH DIAMETER POLYVINYL CHLORIDE CONDUIT UTILITY ALONG THE WEST OVERHANG



BAY 7 INTERMEDIATE DIAPHRAGM (OTHER SIMILAR)



BEAM 4 BEARINGS AT BENT 1 IN SPANS 1 AND 2 (OTHERS SIMILAR AT BENT 1)



BEAM 7 BEARING AT END BENT 2 (OTHERS SIMILAR AT END BENTS)



BEAM 8 BEARING AT END BENT 2 REPAINTED PRIOR TO 2023 INSPECTION CYCLE (OTHERS SIMILAR, OTHERS AT END BENT 1 SIMILAR)



WEST ELEVATION LOOKING EAST