

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

ROY COOPER JAMES H. TROGDON III

GOVERNOR SECRETARY

BRIDGE I & A FORM 1(97) AA

SHEET 1 AA

FOR SHORED OR TEMPORARY REPAIRED STRUCTURES TO KEEP A BRIDGE OPEN

BRIDGE: 780176 COUNTY: Rockingham DATE:

3/7/2024

THE FOLLOWING SI&A ITEMS ARE TO BE CODED IN REFERENCE THAT THE STRUCTURE IS SHORED OR HAD TEMPORARY REPAIRS MADE TO KEEP BRIDGE OPEN:

	CODE	BY DATE:
SI&A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION 10/24/2018	No.	3/7/2024
SI&A ITEM 59 - SUPERSTRUCTURE text. Date	No.	Click here to enter
SI&A ITEM 60 - SUBSTRUCTURE text. Date	No.	Click here to enter
SI&A ITEM 64 - OPERATING RATING HS: 000 BY: GH	ł	
SI&A ITEM 66 - INVENTORY RATING HS: 000 BY: H		

COMMENTS:

Retain temp shoring per Tim Sherrill 3/7/2024

INSPECTED BY

BRYAN CROOM

ATTENTION: PARS ISSUED

Structure Safety Report

		Routi	ne Elemen	t Inspectio	n - Contra	act			
STRUCTURE NUMB				-		HWA STRUCT			
DIVISION: 7	COUNTY:	ROCKINGHAM	INS	PECTION DATE:	01/17/2024	4 FRE	QUENCY:	24 MONT	HS
FACILITY CARRIED:	SR1700					MILE POST	:		
OCATION: 0.1 MI.	N. JCT. SI	R3004							
EATURE INTERSE	CTED: NC	14, NC87							
_ATITUDE: 36° 31	55.9"		LONGITUD	E: 79° 46' 41.7	73"				
SUPERSTRUCTURE	: REINFO	DRCED CONCRE	TE DECK ON I-	BEAMS					
SUBSTRUCTURE: E	ND BENT	S:RC CAP & STEE	EL PILES, INTE	RIOR BENTS:	RC POST & I	BEAM, PILE	FOOTING	SS	
SPANS: 3 SPANS	S. SEE SP.	AN PROFILE SHE	ET FOR SPAN	DETAILS					
FRACTURE CR	ITICAL	✓ TEMPORARY	SHORING	SCOUR CRI	TICAL	SCOUR	PLAN OF	ACTION	
GRADES: (Inspector	r/NBI Coding)	DECK 5/5	SUPERSTRUC	TURE <u>5/5</u>	SUBSTRU	CTURE 5/	5 CUL	VERT N/1	N
POSTED SV: 32				POSTED T	TST : 35				
OTHER SIGNS PRES	SENT: 2 V	VEIGHT LIMIT				Sign notice			Number Required
			VALUE	acres a	10	NO	WEIG	HT LIMIT	0
		ALCOHOL:		1,907 52 (193 113 (194) 113 (194) 113 (194) 113 (194)	F-148,5	NO	DELIN	IEATORS	0
				A Vic	que son la	NO	NARRO	W BRIDGE	0
						NO	ONE LAN	NE BRIDGE	0
						NO	LOW CL	EARANCE	0
						INS	CTION OF PECTION	S-N	
POLITIL APPROXIC		NO NODEL					RECTION HES PLANS	s	
SOUTH APPROAC	H LOOKI	NG NOKTH							

ASSISTED BY MICHAEL MCNEESE, ALLEN WARREN

SIGNATURE

STATE NAME NORTH CAROLINA BRIDGE 789175 STATULE STAT	- IDENTIFICATION -		•		J ., JZ/ZJZ
STRUCTURE NUMBER PERCENT STRUCT		780176	SUFFICIENCY RATING		67.3
23 STATE HIGHWAY DEPARTMENT DISTRICT 7	(8) STRUCTURE NUMBER (FEDERAL)	1570176			
(S) COLINTY CODE FEDERAL 157 (4) PLACE CODE 00000 (104) 104 104 105 10	· · ·			1	
	• •		, ,		
			(104) HIGHWAY SYSTEM Inven	tory Route not on NHS	
Minimary	(7) FACILITY CARRIED SR1700		(26) FUNCTIONAL CLASS	Rural Local	0
1/2] BASE HIGHWAYN NETWORK 0 1/20] DIRECTION OF TRAFFIC 2-way traille 1/20] TEMPORAY STRUCTURE 2-way traille 1/20] TEMPORAY STRUCTURE 1-way traille 1/20] TOLL 1/20]	· /		(100) STRAHNET HIGHWAY	ot a STRAHNET Route	
(19) LERI NINEMORY ROUTE & SUBROUTE 1/00			(101) PARALLEL STRUCTURE No p	arallel structure exists	ı
(196) STRUCTURE S 31 55.06* (17) LONGITUDE PERCENT SHARED 100) FORDER BRIDGE STRUCTURE NUMBER (170) FORDER BRIDGE STRUCTURE STRUCTURE STRUCTURE TYPE AND MATERIAL (170) FORDER BRIDGE STRUCTURE STRUCTURE TYPE MAN (170) FORDER BRIDGE STRUCTURE STRUCTURE STRUCTURE (170) FORDER BRIDGE STRUCTURE (170) FORDER BRIDGE STRUCTURE (170) FORDER BRIDGE STRUCTURE (170) FORDER BRIDGE STRUCTURE STRUCTURE (170) FORDER BRIDGE STRUCTURE	. ,	0	(102) DIRECTION OF TRAFFIC	2-way traffic	;
	. ,	9° 46' 41.73"	(103) TEMPORARY STRUCTURE Temporary S	tructure or Conditions	
STRUCTURE TYPE AND MATERIAL (2) MAINT - (2) QUINER -	. ,)	(110) DESIGNATED NATIONAL NETWORK - on natio	onal network for trucks	
ASSTRUCTURE TYPE MAIN Stringer/Multi-beam or girder CODE 302 (37) HISTORICAL SIGNIFICANCE - CONDITION CODE (49) STRUCTURE TYPE APPROACH 3 (39) SUPERSTRUCTURE (30) SUBSTRUCTURE (30) SUB	(99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL	On Free Road	
(4) STRUCTURE TYPE MANN	STRUCTURE TYPE AND MATERIAL		(21) MAINT -		0
TYPE		Steel	- (22) OWNER -		0
A STRUCTURE TYPE APPROACH			,		
TYPE			. ,		
469 NUMBER OF SPANS IN MAIN UNIT		DE			CODE
(46) NUMBER OF SPANS IN APPROACH (107) DECK STRUCTURE TYPE (108) CODE 1 1 (61) CHANNEL & CHANNEL PROTECTION (107) TYPE OF MEARING SURFACE/PROTECTIVE SYSTEM (27) TYPE OF MEARING SURFACE CODE 0 (83) OPERATING AND POSTING H 15 (62) CULVERTS (27) YEAR BUILT (106) YEAR RECONSTRUCTED AGE AND SERVICE (63) OPERATING RATING METHOD - Load Factor (63) OPERATING METHOD - MS-12 2 (106) YEAR RECONSTRUCTED OFF - Highway CODE 61 (65) INVENTORY RATING METHOD - MS-12 2 (106) YEAR RECONSTRUCTURE 2 LANES UNDER STRUCTURE 2 (108) YEAR OF ADT (108) YEAR FERD - SECRIFIC DATA (48) STRUCTURE 2 LANES UNDER STRUCTURE 2 (109) TRUCK ADT PCT			• •		
106) DECK STRUCTURE TYPE			• •		
108 WEARING SURFACE PROTECTIVE SYSTEM 620 CULVERTS 620 CULVE			• •		· !
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106 YEAR RECONSTRUCTED 0 66 INVENTORY RATING HS-12 2 1 1 1 1 1 1 1 1		4000	• ,	пъ-21	
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OFF-					
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CODE APPRAISAL CODE	5 ,				i
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Span Nimber	y Carr	Inventory Route	Maximum Minimum Vertica Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Tra	Total Horizontal Clearand	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	ction of Traffic	onal Highway Sy	National Truck Network
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
Г	2 NC14,NC87	31000140	16.1	0.0	1	30014	2	2	6600	2018	35.3	Н	15.1	8.3	8.5	4		2		

Superstructure Build Details

Span Number $\underline{1}$

Span Length 46.000

Skew 110.000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
4	Plate Girder	Steel Open Girder/Beam	184	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1700
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1495 Square Feet			
2	Concrete Railing	Reinforced Concrete Bridge Railing	92	Feet		
8	Fixed Bearing	Fixed Bearing	8 Each		Legacy Red Lead Primer Systems with Various Topcoats	8
1	Weight Limit	Regulatory Sign	1	Each		

Span Number $\underline{2}$

Span Length 50.500

Skew 110.000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1642	Square Feet		
1	Compression Seal	Compression Joint Seal	32	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	102	Feet		
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	204	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1872

Span Number 3

Span Length 40.000

Skew 110.000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	80	Feet		
1	Compression Seal	Compression Joint Seal	32	Feet		
4	Plate Girder	Steel Open Girder/Beam	160 Feet		Legacy Red Lead Primer Systems with Various Topcoats	1476
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1300	Square Feet		
1	Weight Limit	Regulatory Sign	1	Each		
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8

Structure Element Scoring

Structure Number: 780176 Inspection Date 1/17/2024

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12		Reinforced Concrete Deck	Deck	4,437	733	971	2,733	0
107		Steel Open Girder/Beam	Beam	548	1	529	6	12
515	107	Steel Protective Coating	Beam	5,048	3,548	600	0	900
205		Reinforced Concrete Column	Piles and Columns	4	0	0	4	0
215		Reinforced Concrete Abutment	Abutments	70	20	50	0	0
234		Reinforced Concrete Pier Cap	Caps	136	45	13	78	0
302		Compression Joint Seal	Expansion Joints	64	10	44	10	0
313		Fixed Bearing	Bearing Device	24	1	13	10	0
515	313	Steel Protective Coating	Bearing Device	24	0	4	8	12
331		Reinforced Concrete Bridge Railing	Bridge Rail	274	0	274	0	0
601		Regulatory Sign	Ground Mounted Signs	2	2	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 780176 Inspection Date: 01/17/2024

MMS Code	Element Name	Defect Name	Recommended Quantity		
3326	Reinforced Concrete Deck	Patched Areas	15 Square Feet		
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2705 Square Feet		
3326	Reinforced Concrete Deck	Delamination/Spall	5 Square Feet		
3326	Reinforced Concrete Deck	Exposed Rebar	18 Square Feet		
3314	Steel Open Girder/Beam	Corrosion	18 Feet		
3348	Reinforced Concrete Column	Delamination/Spall	2 Each		
3348	Reinforced Concrete Column	forced Concrete Column Cracking (RC and Other)			
3348	Reinforced Concrete Pier Cap	Exposed Rebar	3 Feet		
3348	Reinforced Concrete Pier Cap	Delamination/Spall	16 Feet		
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	71 Feet		
3310	Compression Joint Seal	Leakage	10 Feet		
3334	Fixed Bearing	Connection	2 Each		
3334	Fixed Bearing	Corrosion	11 Each		
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	14 Feet		
3342	Steel Protective Coating	eel Protective Coating Effectiveness (Steel Protective Coatings)			

Element Structure Maintenance Quantities

Structure Number: 780176 Inspection Date 01/17/2024

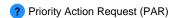
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	18	548	12.000	6.000	529.000	1.000
Beam	3342	Clean and Paint Steel	1500	5048	900.000	0.000	600.000	3548.000
Bearing Device	3334	Bridge Bearing	13	24	0.000	10.000	13.000	1.000
Bearing Device	3342	Clean and Paint Steel	24	24	12.000	8.000	4.000	0.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	14	274	0.000	0.000	274.000	0.000
Deck	3326	Maintenance of Concrete Deck	2743	4437	0.000	2733.000	971.000	733.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	10	64	0.000	10.000	44.000	10.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	2	0.000	0.000	0.000	2.000
Abutments	3350	Maintenance of Concrete Wings and Wall	0	70	0.000	0.000	50.000	20.000
Caps	3348	Maintenance of Concrete Substructure	90	136	0.000	78.000	13.000	45.000
Piles and Columns	3348	Maintenance of Concrete Substructure	45	4	0.000	4.000	0.000	0.000

		Priori	ity Actions Request
Structure Nun	nber 780176		
Span1		_	
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 1 Deck: SPALL (3FEET X 10INCHES X 1INCH SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	3	Span 1 Deck: SPALL AND DELAMINATION (UP TO 3FEET X 20INCHES X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 1: WEB SECTION LOSS (33 PERCENT SECTION LOSS, 3/16INCH SECTION LOSS, 3/8INCH REMAINS), 2 INCHES LONG X 8INCHES HIGH AT FAR END (PAR)
Span2			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 2 Deck: SPALL (1FOOT X 10INCH X 1INCH) WITH EXPOSED SCALING REBAR TO RIGHT OVERHANG AT NEAR END. UP TO 90 PRECENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	2	Span 2 Deck: SPALL (20INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR AND TRANSVERSE OPEN CRACKING AT LEFT SIDE OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	4	Span 2 Deck: SPALL (4FEET X 12INCHES X 2INCHES SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR. (PAR)
2	Exposed Rebar	2	Span 2 Deck: SPALL WITH EXPOSED REBAR TO THE RIGHT SIDE OF BEAM 3 ABOVE BENT 2. UP TO 18 INCHES LONG X 6 INCHES WIDE X 5 INCHES HIGH. EXPOSED REBAR WITH UP TO 70 PERCENT SECTION REMAINING. (PAR)
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (3/8INCH REMAINS) FULL WIDTH FOR 16INCHES AT NEAR END. WEB STIFFENER (UP TO 100 PERCENT SECTION LOSS) 4INCHES X 4INCHES (PAR)

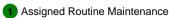
SECTION LOSS) 4INCHES X 4INCHES (PAR) 3314 Beam 4 Plate Girder

Priority Level **Defect Type** Quantity **Defect Description** 2

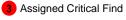
Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (21 PERCENT SECTION LOSS, 3/16 INCH SECTION LOSS, 11/16 INCH REMAINS) FULL WIDTH FOR 16 INCHES AT FAR END. SECTION LOSS UP TO 1/16 INCH (3/16 INCH REMAINS) ON THE LEFT STIFFENER FOR 2 INCHES HIGH AT BOTTOM. (PAR)



Corrosion







Priority Actions Request

Structure Number 780176

2

Corrosion

Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (UP TO 100 PERCENT) FOR 1 INCH DIAMETER. 3/8 (50PERCENT) AVERAGE REMAINING FOR FULL WIDTH FOR 16INCHES AT NEAR END (PAR)

Span3

3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 3 Deck: 2 SPALLS (16INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT SIDE OVERHANG AT NEAR END. UP TO 90 PERCENT REMANING IN THE EXPOSED REBAR (PAR)
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 3 Beam 4: BOTTOM FLANGE SECTION LOSS (33 PERCENT SECTION LOSS, 1/4INCH SECTION LOSS, 7/16INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAIN X 4INCHES HIGH) FOR 5FEET AT NEAR END. LEFT STIFFENER HAS UP TO 1/8 INCH SECTION LOSS FOR 3 INCHES HIGH X FULL WIDTH (PAR)
2	Connection	1	Span 3 Near Bearing: SPAN 3 BEAM 4 NEAR BEARING ANCHOR BOLT NUT BROKEN AND MISSING (PAR)

Bent 1

3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Bent 1 Cap 1: SPALL (2.5FEET X 1FOOT X 6INCHES) WITH EXPOSED SCALING REBAR TO FAR BOTTOM CORNER OF CAP UNDER BAY 2. UP TO 60 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)





Element Condition and Maintenance Data

Structure Number: 780176 Inspection Date: 01/17/2024

Span	•	Deck						
Reinfo	orced Concrete	Deck						
Eleme Numbe	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,495	733	3	759	0 S	quare Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	racking (RC and other)	12SQUARE FEET TRANSVERSE (UP TO 1/8INCH) IN LEFT LANE FAR END. MAP CRACKING (UP THRU OUT DECK.	AT NEAR AND		3	750	750	Square Feet
	racking (RC and other)	3SQUARE FEET MAP CRACKING RUST STAINING TO RIGHT SIDE FAR END			3	3	3	Square Feet
12 E	xposed Rebar	SPALL (3FEET X 10INCHES X 1I EXPOSED SCALING TO REBAR DECK IN BAY 2 OVER BENT 1. U PERCENT SECTION REMAINING REBAR (PAR)	TO BOTTOM OF JP TO 90		3	3	3	Square Feet
12 E	xposed Rebar	SPALL AND DELAMINATION (UF 20INCHES X 1INCH) WITH EXPO REBAR TO LEFT OVERHANG A 90 PERCENT REMAINING IN TH REBAR. (PAR)	OSED SCALING T FAR END. UP TO		3	3	3	Square Feet
	brasion/Wear PSC/RC)	WEAR WITH EXPOSED AGGRED	GATE THRU OUT		2			Square Feet
12 P	atched Areas	SOUND PATCH (16INCHES DIAI LANE, 6FEET FROM NEAR END LANE AT MID SPAN)			2	3		Square Feet

Spa	n 1	Left Bridge Rail						
Cor	crete Railing							
	ment nber Reinfor	Element Name reed Concrete Bridge Railing	Total Qty 46	CS1 Qty	CS2 Qty 46	CS3 Qty 0	CS4 Qty 0 Feet	
Elemen Numbe	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
√ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRAC THAN 1/16INCH) AND WEATHERING EXPOSED AGGREGATE THRU OUT F	WITH		2	41	Feet	
√ 331	Exposed Rebar	4 SHALLOW SPALLING (UP TO 10INC X 1/4INCH) WITH EXPOSED REBAR CURB THRU OUT, MOSTLY AT FAR E	TO TOP OF		2	4	4 Feet	
√ 331	Exposed Rebar	SPALL WITH EXPOSED REBAR UP TO WIDE X 3 INCHES HIGH X .5 INCHES POST, 8 FEET FROM END OF SPAN.			2	1	1 Feet	
	General Comments							

Structure Number: 780176 Inspection Date: <u>01/17/2024</u>

Spa	n 1	Right Bridge Ra	il					
Cor	ncrete Railing							
	ment mber Reinfor	Element Name ced Concrete Bridge Railing	Total Qty 46	CS1 Qty 0	CS2 Qty 46	CS3 Qty 0	CS4 Qty 0 Feet	
Elemer Numbe	Dofoot Typo	Defect Description	1		cs	CS Qty	Maint Qty	
✓ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACK THAN 1/16INCH) AND WEATHERING V EXPOSED AGGREGATE THRU OUT R	VITH`		2	37	Feet	
√ 331	Exposed Rebar	9 SHALLOW SPALL (UP TO 10INCHES X 1/4INCH) WITH EXPOSED REBAR TO CURB THRU OUT, MOSTLY AT NEAR MEASUREABLE SECTION LOSS IN THREBAR.	O TOP OF END. NO		2	9	9 Feet	
	General Comments							_

Spa	ın 1	Beam 1						
Plat	e Girder							
	ment nber Steel Op	Element Name pen Girder/Beam	Total Qty 46	CS1 Qty 0	CS2 Qty 44	CS3 Qty	CS4 Qty	Feet
515	Steel Pr	otective Coating	425	300	50	0	75	Square Feet
Elemen Numbe	Defeat Time	Defect Descrip	tion		cs	CS Qty	Maint Qty	
√ 107	Corrosion	WEB SECTION LOSS (33 PERCENT LOSS, 3/16INCH SECTION LOSS, 3 REMAINS), 2 INCHES LONG X 8IN FAR END (PAR)	8/8INCH		4	1	-	1 Feet
<u>√</u> 107	Corrosion	BOTTOM FLANGE SECTION LOSS SECTION LOSS, 1/8INCH SECTION REMAINS) FULL WIDTH AND WEB (1/2INCH REMAINS X 3INCHES HIG 16INCHES AT FAR END	N LOSS, 5/8INCH B PITTING		3	1		1 Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE CO THRU OUT BOTTOM FLANGE AND OUT WEB AND TOP FLANGE			2	44		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THR FLANGES AND WEB, MOSTLY TO FLANGE			4	75	7:	5 Square Feet
✓ 515	Effectiveness (Steel Protective Coatings) General Comments	SCATTERED FRECKLED RUST ALC LENGTH OF BEAM	ONG THE		2	50	5	Square Feet

Span 1		Near Bearing						
Fixed B	earing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating	l	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>780176</u>			Inspection	on Date: <u>01/17/2024</u>
✓ 313	Corrosion	HEAVY SCALING TO BEARING	3	1	1 Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1 Square Feet
	General Comments				

Spa	ın 1	Far Bearin	g					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3	1	•	I Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING	O TO BEARING		4	1	•	I Square Feet
-	General Comments							

Spa	an 1	Beam 2						
Pla	te Girder							
	ment mber	Element Name pen Girder/Beam	Total Qty 46	CS1 Qty 0	CS2 Qty 46	CS3 Qty 0	CS4 Qty 0 F	oot .
515	·	otective Coating	425	300	50	0		quare Feet
Elemei Numbe	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE AND WEB SCA HIGH (NO MEASUREABLE SECTION 1FOOT AT FAR END.	,		2	1		Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE C THRU OUT BOTTOM FLANGE AND OUT WEB AND TOP FLANGE			2	45		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THI FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST AL LENGTH OF BEAM	LONG THE		2	50	50	Square Feet
	General Comments							

Spa	ın 1	Near Be	aring					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect D	escription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARIN	NG		3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COAT	ING TO BEARING		4	1		1 Square Feet

Spa	ın 1	Far Beari	ng					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEAR	ING		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATII	NG TO BEARING		3	1		1 Square Feet
•	General Comments							

Spai	n 1	Beam 3						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O _l	oen Girder/Beam	46	1	45	0	0	Feet
515	Steel Pr	otective Coating	425	300	50	0	75	Square Feet
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE AND WEB SUF CORROSION (NO MEASUREABL FOR 1FOOT AT FAR END.			2	1		Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE THRU OUT BOTTOM FLANGE AN OUT WEB AND TOP FLANGE			2	44		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THE FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	Square Feet
√ 515 _	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST A LENGTH OF BEAM	ALONG THE		2	50	50	Square Feet
(General Comments							

Spa	ın 1	Near Bea	ring					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING	G		3	1	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATIN	IG TO BEARING		4	1	1	Square Feet
•	General Comments							

Spa	ın 1	Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	ed Bearing	1	0	1	0	0	Each
515	Ste	el Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Type	e D	efect Description		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEARING			2	1	-	Each
√ 515	Effectiveness (Ste Protective Coating		E COATING TO BEARING		3	1	,	1 Square Feet
	General Commen	ts						

Spar	า 1	Beam 4						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	46	0	44	2	0	Feet
515	Steel Pro	tective Coating	425	300	50	0	75	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE SECTION LOS SECTION LOSS, 1/8 INCH SECT 5/8INCH REMAINS) FULL WIDTH PITTING (1/2INCH REMAINS X 3 FOR 16INCHES AT FAR END.	ION LOSS, I AND WEB		3	2		2 Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE THRU OUT BOTTOM FLANGE A OUT WEB AND TOP FLANGE			2	44		Feet
I 🕶 I	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS T FLANGES AND WEB, MOSTLY T FLANGE			4	75	7	5 Square Feet
	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST A LENGTH OF BEAM	ALONG THE		2	50	5	Square Feet
0	General Comments							

Spa	an 1	Near Bearing						
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
✓ 313	Connection	LEFT ANCHOR BOLT IS SHORT AND THREADED	NOT FULLY		3	1		1 Each
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3			1 Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO E	BEARING		4	1		1 Square Feet
	General Comments							

Spa	an 1	Far Bearin	g					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	0	1	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3	1	-	1 Each
√ 515	Effectiveness (Steel Protective Coatings)		S TO BEARING		4	1		1 Square Feet
	General Comments							

Spai	n 2	Deck						
Rein	forced Concrete	Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,642	0	321	1,321	0 S	quare Feet
Element		Defect Descri	ption		cs	CS Qty	Maint Qty	
/ 12	Cracking (RC and Other)	MAP CRACKING (UP TO 1/16INC) DECK.	H) THRU OUT		3	1,297	-	Square Feet
<u>/</u> 12	Exposed Rebar	SPALL (1FOOT X 10INCH X 1INCH EXPOSED SCALING REBAR TO R OVERHANG AT NEAR END. UP TO SECTION REMAINING IN THE EXI (PAR)	RÍGHT O 90 PRECENT		3	1	1	Square Feet
<u>/</u> 12	Exposed Rebar	SPALL (20INCHES X 1FOOT X 1IN EXPOSED SCALING REBAR AND OPEN CRACKING AT LEFT SIDE (FAR END. UP TO 90PERCENT RE EXPOSED REBAR (PAR)	TRANSVERSE OVERHANG AT		3	2	2	Square Feet
<u>/</u> 12	Exposed Rebar	SPALL (4FEET X 12INCHES X 2IN WITH EXPOSED SCALING TO RE OF DECK IN BAY 2 OVER BENT PERCENT SECTION REMAINING REBAR. (PAR)	BAR TO BOTTOM 1. UP TO 90		3	4	4	Square Feet
7 12	Exposed Rebar	SPALL WITH EXPOSED REBAR T SIDE OF BEAM 3 ABOVE BENT 2. INCHES LONG X 6 INCHES WIDE HIGH. EXPOSED REBAR WITH UI PERCENT SECTION REMAINING.	UP TO 18 X 5 INCHES P TO 70		3	2	2	Square Feet
/ 12	Patched Areas	15SQUARE FEET ASPHALT AND PATCHES THRU OUT LEFT LANE AT PATCH PERIMETERS			3	15	15	Square Feet
/ 12	Abrasion/Wear (PSC/RC)	WEAR WITH EXPOSED AGGREG	ATE THRU OUT		2	181		Square Feet
<u>/</u> 12	Cracking (RC and Other)	5SQUARE FEET MAP CRACKING RUST STAINING AND EFFLORES RIGHT SIDE OVERHANG AT FAR	CENCE TO		2	5	5	Square Feet
/ 12	Delamination/Spall	5SQUARE FEET SHALLOW SPAL 3/4INCH) AROUND PATCHED AR LEFT LANE			2	5	5	Square Feet
/ 12	Patched Areas	110SQUARE FEET ASPHALT PAT RIGHT LANE WITH SPALLING AT PERIMETERS			2	110		Square Feet

Square Feet

Patched Areas SCATTERED PATCHED AREAS IN TOP OF DECK 2 20 APPROXIMATELY 20 SQUARE FEET TOTAL

General Comments

Spa	n 2	Left Bridge Ra	il					
Con	crete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	51	0	51	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
√ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRAC THAN 1/16INCH) AND WEATHERING EXPOSED AGGREGATE THRU OUT	WITH `		2	51	Feet	

Spa	n 2	Right Bridge	Rail						
Con	crete Railing								
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
331	Reinfor	ced Concrete Bridge Railing	51	0	51	0	0	Feet	
Element Number Defect Type		Defect Descrip	otion		cs	CS Qty	Maint Qty		
√ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CR THAN 1/16INCH) AND WEATHERIN EXPOSED AGGREGATE THRU OL	NG WITH `		2	51		Feet	

Span 2 Plate Girder Element Number 107		Beam 1						
		Element Name Steel Open Girder/Beam	Total Qty 51	CS1 Qty	Qty Qty		CS4 Qty 2 Fe	eet
515		Steel Protective Coating	468	343	50	0	75 S	quare Feet
Elemen Numbe	Defect	Гуре Defect Descripti	ion		cs	CS Qty	Maint Qty	
V 107	Corrosion	BOTTOM FLANGE SECTION LOSS (REMAINS) FULL WIDTH FOR 16INC END. WEB STIFFENER (UP TO 100 SECTION LOSS) 4INCHES X 4INCHE	HES AT NEAR PERCENT		4	2	2	Feet
V 107	Corrosion	BOTTOM FLANGE SECTION LOSS (SECTION LOSS, 1/16INCH SECTION 13/16INCH REMAIN) FULL WIDTH FO FAR END.	N LOSS,		3	1	1	Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE CO THRU OUT BOTTOM FLANGE AND A OUT WEB AND TOP FLANGE			2	47		Feet
√ 107	Corrosion	WEB PLATE REPAIR (1FOOT X FUL 1/2INCH THICK) AT NEAR END	L HEIGHT X		2			Feet
√ 107	Corrosion	WEB SCALING AT BEAM FAR AND I FOR FULL HEIGHT UP TO 1/16 INCH SECTION LOSS (1/2 INCH REMAINS FOR 2 INCH HIGH	H LOCALIZED		2	1		Feet

Structure Number: 780176					on Date: 01/17/2024	
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75 Square Feet	
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50 Square Feet	

General Comments

Spa	n 2	Near Beari	ng					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING	TO BEARING		4	1		1 Square Feet

General (Comments
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Spa	an 2	Far Bearing	g					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)				4	1		1 Square Feet
		<u></u>						

Spa	n 2	Beam 2						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	51	0	51	0	0	Feet
515	Steel Pro	otective Coating	468	343	50	0	75	Square Feet
Elemer Numbe	Dofoct Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE AND WEB SCA HIGH (NO MEASUREABLE SECT 1FOOT AT NEAR AND FAR END.	,		2	2		Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE OF THRU OUT BOTTOM FLANGE AN OUT WEB AND TOP FLANGE			2	49		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THE FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	5 Square Feet

Structure Number: 780176 Inspection Date: <u>01/17/2024</u>

2

50 Square Feet

Effectiveness (Steel Protective Coatings) **√** 515

SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM

Spai	n 2	Near Bear	ing					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Des	Defect Description			CS Qty	Maint Qty	
√ 313	Corrosion	SURFACE SCALING TO BEARI	SURFACE SCALING TO BEARING		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING			3	1		1 Square Feet
(General Comments							

Spa	an 2	Far Bea	ring					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel I	Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect D	Defect Description			CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEA	SURFACE SCALING TO BEARING		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)			3	1		1 Square Feet	
	General Comments							

Spa	ın 2	Beam 3						
Plat	te Girder							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	Steel Open Girder/Beam 51			51	0	0 F	eet
515	Steel Pro	otective Coating	468	343	50	0	75 S	quare Feet
Elemen Numbe	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE AND WEB SCALI HIGH (NO MEASUREABLE SECTION 1FOOT AT NEAR AND FAR END.	*		2	2		Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE CO THRU OUT BOTTOM FLANGE AND OUT WEB AND TOP FLANGE			2	49		Feet
√ 107	Damage	WEB PLATE REPAIR LEFT SIDE (1F HEIGHT X 1/2INCH THICK) AT FAR			1			Feet
✓ 107	Damage	WEB PLATE REPAIR RIGHT SIDE (1 HEIGHT X 1/2INCH THICK) AT FAR			1			Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRI FLANGES AND WEB, MOSTLY TO E FLANGE			4	75	75	Square Feet

Structure Number: 780176 Inspection Date: <u>01/17/2024</u>

2

50 Square Feet

Effectiveness (Steel Protective Coatings) SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM **√** 515

Spai	n 2	Near Bearin	ng					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Desci	ription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE SCALING TO BEARING			2	1		Each
515	Effectiveness (Steel Protective Coatings)				3	1		1 Square Feet
(General Comments							

Spa	an 2	Far Bearing						
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed I	Bearing	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect De	Defect Description			CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEAR	SURFACE SCALING TO BEARING		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING			3	1		1 Square Feet
	General Comments							

Spai	n 2	Beam	n 4					
Plate	e Girder							
Num	umber Element Name Qty			CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515		Steel Open Girder/Beam Steel Protective Coating				0		Feet Square Feet
Element Number	Dofoot '	Type Defe	ct Description		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE SECTI SECTION LOSS, 3/16 INC INCH REMAINS) FULL W FAR END. SECTION LOS INCH REMAINS) ON THE INCHES HIGH AT BOTTO	CH SECTION LOSS, 11/16 IDTH FOR 16 INCHES AT S UP TO 1/16 INCH (3/16 LEFT STIFFENER FOR 2		4	2	·	2 Feet
√ 107	Corrosion	BOTTOM FLANGE SECTI PERCENT) FOR 1 INCH I (50PERCENT) AVERAGE WIDTH FOR 16INCHES A	DIAMETER. 3/8 REMAINING FOR FULL		4	2		2 Feet
√ 107	Corrosion	FRECKLE RUST AND SU THRU OUT BOTTOM FLA OUT WEB AND TOP FLAI	NGE AND AREAS THRU		2	45		Feet

Structure I	Number: <u>780176</u>			Inspec	ction Date: 01/17/2024
✓ 107	Corrosion	FULL HEIGHT WEB SCALING AT FAR END	2	2	Feet
✓ 107	Corrosion	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END	1		Feet
√ 107	Damage	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END	1	1	Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75 Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50 Square Feet

	General	Comments
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Spa	ın 2	Near Bearin	g					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	1	0	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3			1 Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING 1	TO BEARING		4	1		1 Square Feet

Spa	an 2	Far Bearing	g					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING			2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING	TO BEARING		4	1		1 Square Feet
	Canaral Cammanta							

General	Comments
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Spa	n 2	Expansion Joir	nt 2					
Con	npression Seal							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compre	ssion Joint Seal	32	0	22	10	0 Fe	eet
Elemen Numbe	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
✓ 302	Leakage	ACTIVE LEAKAGE THROUGHT THE C BENT IN BAYS 1 AND 3	JOINT ABOVE		3	10	10	Feet
✓ 302	Debris Impaction	MINOR DEBRIS IMPACTION AT SHO	ULDERS		2	2		Feet
✓ 302	Seal Adhesion	AREAS OF MINOR ADHESION LOSS	THRU OUT		2	20		Feet

Spa	ın 3	Deck						
Rei	nforced Concrete	Deck						
	ment mber Reinfor	Element Name ced Concrete Deck	Total Qty 1,300	CS1 Qty	CS2 Qty 647	CS3 Qty 653	CS4 Qty 0 S	quare Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
/ 12	Cracking (RC and Other)	MAP CRACKING (UP TO 1/16INCI DECK.	H) THRU OUT		3	650	650	Square Feet
/ 12	Exposed Rebar	2 SPALLS (16INCHES X 1FOOT X EXPOSED SCALING REBAR TO L OVERHANG AT NEAR END. UP T REMANING IN THE EXPOSED RE	LEFT SIDE O 90 PERCENT		3	3	3	Square Feet
√ 12	Abrasion/Wear (PSC/RC)	WEAR WITH EXPOSED AGGREG DECK	ATE THRU OUT		2	647		Square Feet
	General Comments							

Spa	ın 3	Left Bridge F	Rail					
Cor	ncrete Railing							
	ment mber Reinfo	Element Name orced Concrete Bridge Railing	Total Qty 40	CS1 Qty 0	CS2 Qty 40	CS3 Qty 0	CS4 Qty 0 F	Feet
Elemer Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
✓ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CR THAN 1/16INCH) AND WEATHERII EXPOSED AGGREGATE THRU OL	NG WITH `		2	40	-	Feet
	General Comments							

Spa	Span 3		Rail					
Coi	ncrete Railing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfo	rced Concrete Bridge Railing	40	0	40	0	0 Fe	et
Elemei Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
√ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CR THAN 1/16INCH) AND WEATHERIN EXPOSED AGGREGATE AND MIN EFFLORESCENCE THRU OUT RA	NG WITH ` OR		2	40	ا	Feet
	General Comments							

Spa	n 3	Beam 1						
Plate	e Girder							
Elen Num 107	nber	Element Name en Girder/Beam	Total Qty 40	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Feet
		of Circle Coating	369	244	50	0	-	Square Feet
Element Number	Defeat Type	Defect Type Defect Description						
√ 107	Corrosion	BOTTOM FLANGE SECTION LOSS SECTION LOSS, 1/16INCH SECTIO 11/16INCH REMAIN) FULL WIDTH F NEAR END AND FULL HEIGHT WE WITH UP TO 1/16 INCH LOCALIZED TO 2 IN HIGH AT THE BOTTOM	N LOSS, FOR 16INCH AT B SCALING		3	2	2	? Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE CO THRU OUT BOTTOM FLANGE AND OUT WEB AND TOP FLANGE			2	38		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THE FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALL LENGTH OF BEAM	ONG THE		2	50	50	Square Feet
(General Comments							

Spa		Near Bear	ring					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing	1	0	0	1	0	Each
515	Stee	el Protective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	HEAVY SCALING TO BEARING	3		3	1		1 Each
√ 515	Effectiveness (Ste Protective Coating		IG TO BEARING		4	1	,	1 Square Feet
•	General Comment	s						

Spa	an 3			Far Bearing						
Fixe	ed Be	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313		Fixed Be	earing		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	1	0	0	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 313	Corr	osion	SURFACE CORRO	OSION TO BEARING			2	1		Each
√ 515		ctiveness (Steel ective Coatings)	PROTECTIVE CO	ATING MODERATELY I	EFFECTIVE		2	1	•	1 Square Feet
	Gene	ral Comments								

Spa	n 3	Beam 2						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	40	0	40	0	0	Feet
515	Steel Pro	otective Coating	369	244	50	0	75	Square Feet
Elemen Numbe	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	BOTTOM FLANGE AND WEB SCA HIGH (NO MEASUREABLE SECTI 1FOOT AT NEAR END.			2	1		Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE OF THRU OUT BOTTOM FLANGE AN OUT WEB AND TOP FLANGE			2	39		Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THE FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	5 Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST A LENGTH OF BEAM	LONG THE		2	50	50	Square Feet
	General Comments							

Spa Fixe	n 3 ed Bearing	Near Bearing	9					
	ment nber Fixed B	Element Name earing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty	
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEARING			2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING	TO BEARING		3	1		1 Square Feet

Spa	an 3			Far Bearing						
Fixe	ed Bearing	I								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed B	earing		1	0	1	0	0	Each
515		Steel Pr	otective Coating		1	0	1	0	0	Square Feet
Elemer Numbe	Dofoo	t Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 313	Corrosion		SURFACE CORRO	SION TO BEARING			2	1		Each
√ 515	Effectivenes Protective C		PROTECTIVE COA	TING MODERATELY I	EFFECTIVE		2	1		1 Square Feet
	General Cor	nments								

n 3	Beam 3						
e Girder							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Op	oen Girder/Beam	40	0	40	0	0 1	-eet
Steel Pro	otective Coating	369	244	50	0	75	Square Feet
t Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion				2	1		Feet
Corrosion				2	39		Feet
Effectiveness (Steel Protective Coatings)				4	75	75	Square Feet
Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST LENGTH OF BEAM	ALONG THE		2	50	50	Square Feet
	steel Operation Steel Operation Steel Operation Steel Operation t	Element Name Steel Open Girder/Beam Steel Protective Coating The Defect Type Defect Description BOTTOM FLANGE AND WEB SOME HIGH (NO MEASUREABLE SECTIFOOT AT NEAR END. Corrosion FRECKLE RUST AND SURFACE THRU OUT BOTTOM FLANGE AND UT WEB AND TOP FLANGE Effectiveness (Steel PROTECTIVE COATING LOSS TO FLANGES AND WEB, MOSTLY TO FLANGE Effectiveness (Steel SCATTERED FRECKLED RUST	ree Girder Total Open Girder/Beam 40 Steel Open Girder/Beam 369 Total Open Girder/Beam 40 Steel Protective Coating Steel Protective Coating Steel Protective Coating Steel Scaling Ste	ree Girder Total CS1 ribber Element Name Qty Qty Steel Open Girder/Beam 40 0 Steel Protective Coating 369 244 Tournsion BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTIONLOSS) FOR 1FOOT AT NEAR END. Corrosion FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE Effectiveness (Steel PROTECTIVE COATING LOSS THRU OUT Protective Coatings) FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE Effectiveness (Steel SCATTERED FRECKLED RUST ALONG THE	nent Blement Name Qty Qty Qty Steel Open Girder/Beam 40 0 40 Steel Protective Coating 369 244 50 Total CS1 CS2 Qty Qty Qty Qty Qty Qty Qty Qty Qty Steel Protective Coating 369 244 50 The Defect Type Defect Description CS Corrosion BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTIONLOSS) FOR 1FOOT AT NEAR END. Corrosion FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE Effectiveness (Steel PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE Effectiveness (Steel SCATTERED FRECKLED RUST ALONG THE 2	rent Blement Name Relement Nam	reent heer Element Name Qty

Spa	ın 3	Near Bearin	g					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	iption		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE SCALING TO BEARING	}		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING	TO BEARING		3	1		1 Square Feet

Spa	an 3	Far Beari	ng					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
✓ 313	Corrosion	SURFACE CORROSION TO B	EARING		2	1		Each
√ 515	Effectiveness (Stern Protective Coating		ERATELY EFFECTIVE		2	1		1 Square Feet
	General Comment	s						

						•••		<u> </u>
Spa	ın 3	Beam 4						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O _l	oen Girder/Beam	40	0	35	0	5	Feet
515	Steel Pr	otective Coating	369	244	50	0	75	Square Feet
Elemer Numbe	Defect Tyme	Defect Descrip	ption		cs	CS Qty	Maint Qty	
V 107	Corrosion	BOTTOM FLANGE SECTION LOSS SECTION LOSS, 1/4INCH SECTIOI 7/16INCH REMAINS) FULL WIDTH PITTING (1/2INCH REMAIN X 4INC 5FEET AT NEAR END. LEFT STIFF TO 1/8 INCH SECTION LOSS FOR X FULL WIDTH (PAR)	N LOSS, AND WEB CHES HIGH) FOR FENER HAS UP		4	5	Ę	Feet
√ 107	Corrosion	FRECKLE RUST AND SURFACE C THRU OUT BOTTOM FLANGE AND OUT WEB AND TOP FLANGE			2	34		Feet
√ 107	Corrosion	FULL WEB SCALING AT NEAR EN	D		2	1		Feet
√ 107	Damage	WEB PLATE REPAIR (1FOOT X FL 1/2INCH THICK) TO NEAR END	JLL HEIGHT X		1			Feet
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THI FLANGES AND WEB, MOSTLY TO FLANGE			4	75	75	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST AL LENGTH OF BEAM	ONG THE		2	50	50	Square Feet
	General Comments							

Spa	n 3	Near Bearing						
Fixe	ed Bearing							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
✓ 313	Connection	SPAN 3 BEAM 4 NEAR BEARING AI NUT BROKEN AND MISSING (PAR)			3	1	•	1 Each
✓ 313	Corrosion	HEAVY SCALING TO BEARING			3		•	1 Each
✓ 515	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO	BEARING		4	1	•	1 Square Feet
•	General Comments							

Element	Element News	Total	CS1	CS2	CS3	CS4	
Number	Element Name	Qty	Qty	Qty	Qty	Qty	
13	Fixed Bearing	1	0	1	0	0	Each
15	Steel Protective Coating	1	0	1	0	0	Square Feet

Structure	Number: <u>780176</u>			Inspe	ection Date: 01/17/2024
✓ 313	Corrosion	SURFACE CORROSION TO BEARING	2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING MODERATELY EFFECTIVE	2	1	1 Square Feet
	General Comments				_

Spa	an 3	Expansio	n Joint 3					
Coi	mpression Seal							
	ement mber Compr	Element Name ression Joint Seal	Total Qty 32	CS1 Qty 10	CS2 Qty	CS3 Qty	CS4 Qty 0 Feet	
Elemei Numbe	nt Defect Type	Defect Des		10	CS	CS Qty	Maint Qty	
✓ 302	Debris Impaction	MINOR DEBRIS IMPACTION A	T SHOULDERS		2	2	Feet	
✓ 302	Seal Adhesion	AREAS OF MINOR ADHESION MOSTLY CONCENTRATED IN WITH ISOLATED AREAS IN TH	THE SHOULDERS		2	20	Feet	
	General Comments							

Be	nt 1	Cap 1							
Rei	inforced Concrete	e Pier Cap							
	ement Imber Reinfo	Element Name rced Concrete Pier Cap	Total Qty 31	CS1 Qty 17	CS2 Qty 1	CS3 Qty 13	CS4 Qty 0 F	eet	
Eleme Numb	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty		
√ 234	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (UI 1/8INCH) AND 3 FEET DELAMINATION AND FAR FACES AT TOP OF CAP A LEFT ENDS. (DELAMINATION DOE UNDER BEARING)	ON TO NEAR AT RIGHT AND		3	10	10	Feet	
√ 234	Exposed Rebar	SPALL (1FOOT DIAMETER.) WITH E SCALING REBAR TO RIGHT FACE. PERCENT SECTION REMAINING IN REBAR.	UP TO 80		3	1	1	Feet	
√ 234	Exposed Rebar	SPALL (2.5FEET X 1FOOT X 6INCHI EXPOSED SCALING REBAR TO FAI CORNER OF CAP UNDER BAY 2. U PERCENT REMAINING IN THE EXP (PAR)	R BOTTOM P TO 60		3	2	2	Feet	
√ 234	Cracking (RC and Other)	HAIRLINE MAP CRACKING TO LEFT LEFT OVERHANG	T FACE AND		2	1		Feet	
	General Comments								

Bent 1		Pile 1					
Reinford	ced 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
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty

Structure Number: 780176 Inspection Date:					ate: <u>01/17/2024</u>	
√ 205	Cracking (RC and Other)	PARTIAL TO FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH AT BASE) THRU ALL FACES	3	1	15	Each
√ 205	Delamination/Spall	SPALL (4INCHES X 4INCHES X 1INCH) TO FAR LEFT CORNER AT BASE	3		1	Each

General	Comments
---------	----------

Bent	1	Pile 2						
Reinf	forced Concrete	Column						
Eleme Numl 205	ber	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	ach
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	5FEET VERTICAL OPEN CRAC WITH DELAMINATION AT TOP CORNER. PARTIAL TO FULL I CRACKING (HAIRLINE TO 1/16 THRU ALL FACES	FAR RÌGHT HEIGHT VERTICAL		3	1	20	Each

F	D 1 4	A1 (
End	Bent 1	Abutment						
Reir	nforced Concrete	Abutment						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	35	10	25	0	0 Feet	
Elemen Number	Dofoot Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
√ 215	Cracking (RC and Other)	1FOOT DIAGONAL CRACKING (L 1/16INCH) TO ABUTMENT AT FA HORIZONTAL HAIRLINE CRACK ABUTMENT IN ALL BAYS	R ENDS.		2	25	Feet	

	Bent 1 forced Concrete	Cap 1 Pier Cap						
Elem Num	ber	Element Name	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
234 Element		ced Concrete Pier Cap	37		12	25	0 F	eet
Number	Dofoot Typo	Defect Desc	Defect Description		CS	CS Qty	Qty	
√ 234	Cracking (RC and Other)		HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE DF CAP		3	25	25	Feet
√ 234	Delamination/Spall	6FEET DELAMINATION TO TOP 1 AND 3	CORNER IN BAYS		2	12	12	Feet

General Comments

Ber	nt 2	Cap 1						
Rei	nforced Concrete							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	31	15	0	16	0 Feet	
Elemer Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
✓ 234	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (: 1/8INCH) TOP NEAR FACE AT LEF HORIZONTAL OPEN CRACKING (: TOP OF CAP UNDER BAY 1. HOR CRACKING (6FEET X 1/8INCH) DI TO TOP FAR CORNER AT RIGHT (DELAMINATION DOES NOT EXTER BEARING)	FT END. 5FEET 1/16INCH) TO RIZONTAL OPEN ELAMINATION END		3	13	13 Feet	
√ 234	Cracking (RC and Other)	OPEN MAP CRACKING (UP TO 1/8 FACE OF CAP AND VERTICAL AN OPEN CRACKING (UP TO 1/8INCH FACE AND RIGHT SIDE OVERHAN LEAKAGE ON FACE OF CAP AT T INESPECTION	D HOŔIZONTAL I) TO RIGHT NG. HAS ACTIVE		3	3	3 Feet	
	General Comments							_

Ber	nt 2	Pile 1						
Rei	nforced Concrete	Column						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0 E	ach
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
✓ 205	Cracking (RC and Other)	FULL HEIGHT VERTICAL CRAC TO 1/16INCH) THRU OUT ALL F	,		3	1	3	Each
✓ 205	Delamination/Spall	SPALL (9INCHES X 3INCHES X TO NEAR RIGHT CORNER AT E			3		1	Each
	General Comments							

Ber Rei	nt 2 nforced Concrete	Pile 2 Column						
	ment mber Reinfore	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty 0	Each
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
√ 205	Cracking (RC and Other)	FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH) THRU OUT ALL FACES OF COLUMN			3	1		5 Each
	General Comments							

End	d Bent 2	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfo	rced Concrete Abutment	35		25	0	0 Feet	
Elemei Numbe	Dofoot Typo	Defect Des	Defect Description			CS Qty	Maint Qty	
√ 215	Cracking (RC and Other)	1FOOT DIAGONAL CRACKING THAN1/16INCH) TO ABUTMEN HORIZONTAL HAIRLINE CRAC ABUTMENT IN ALL BAYS		2	25	Feet		
	General Comments							

End	Bent 2	Cap 1						
Reir	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	37	13	0	24	0 F	eet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
✓ 234	Cracking (RC and Other)	HORIZONTAL OPEN CRACKIN 1/8INCH) WITH RUST STAINING OF CAP			3	20	20	Feet
√ 234	Delamination/Spall	4FEET DELAMINATION AND SI AT TOP CORNER OF CAP UNI			3	4	4	Feet

General Comments

6FT DEBRIS TO TOP OF CAP IN BAY 1 AT END BENT 2

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1495
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	46
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	46
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	46
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far 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	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far 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	Southeast Weight Limit Sign	Weight Limit	Regulatory Sign	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1642
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	51
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 2	Expansion Joint 2	Compression Seal	Compression Joint Seal	32
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near 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	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near 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 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1300
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	40
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	40
Span 3	Expansion Joint 3	Compression Seal	Compression Joint Seal	32
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Northwest Weight Limit Sign	Weight Limit	Regulatory Sign	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	37
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	35
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	37
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	35

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 780176 Inspection Date: 01/17/2024

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	5	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	5	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	N	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	N	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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

NC SMU Inspection Items

ltem	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	G	0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		Α		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	15
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Υ
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	N

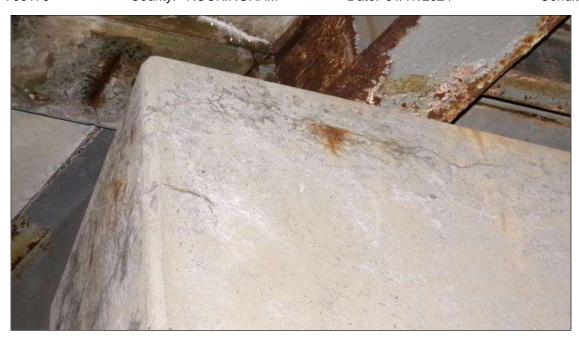
National Bridge and NC SMU Inspection Item Details

Structure Number: 780176 Inspection Date: 01/17/2024

Item Grade Maint Code Qty.

Details

Structure: 780176 County: ROCKINGHAM Date: 01/17/2024 Condition Photos



Bent 2 Cap 1: HORIZONTAL OPEN CRACKING (3FEET X 1/8INCH) TOP NEAR FACE AT LEFT END. 5FEET HORIZONTAL OPEN CRACKING (1/16INCH) TO TOP OF CAP UNDER BAY 1. HORIZONTAL OPEN CRACKING (6FEET X 1/8INCH) DELAMINATION TO TOP FAR CORNER AT RIGHT END (DELAMINATION DOES NOT EXTEND UNDER BEARING)



Span 3 Near Bearing: SPAN 3 BEAM 4 NEAR BEARING ANCHOR BOLT NUT BROKEN AND MISSING (PAR)



SPAN 2 BEAM 1 FAR BEARING AND SPAN 3 BEAM 1 NEAR BEARING RUST AND SCALE



Span 2 Deck: SPALL (1FOOT X 10INCH X 1INCH) WITH EXPOSED SCALING REBAR TO RIGHT OVERHANG AT NEAR END. UP TO 90 PRECENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)



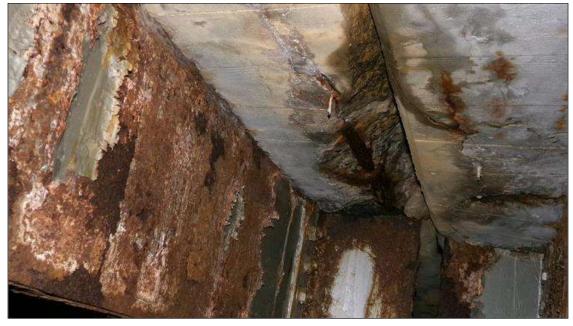
Span 2 Beam 1: WEB SCALING AT BEAM FAR AND NEAR ENDS FOR FULL HEIGHT UP TO 1/16 INCH LOCALIZED SECTION LOSS (1/2 INCH REMAINS) AT BOTTOM FOR 2 INCH HIGH



Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (21 PERCENT SECTION LOSS, 3/16 INCH SECTION LOSS, 1/16 INCH REMAINS) FULL WIDTH FOR 16 INCHES AT FAR END. SECTION LOSS UP TO 1/16 INCH (3/16 INCH REMAINS) ON THE LEFT STIFFENER FOR 2 INCHES HIGH AT BOTTOM. (PAR)



Span 3 Beam 4: BOTTOM FLANGE SECTION LOSS (33 PERCENT SECTION LOSS, 1/4INCH SECTION LOSS, 7/16INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAIN X 4INCHES HIGH) FOR 5FEET AT NEAR END. LEFT STIFFENER HAS UP TO 1/8 INCH SECTION LOSS FOR 3 INCHES HIGH X FULL WIDTH (PAR)



Span 2 Deck: SPALL WITH EXPOSED REBAR TO THE RIGHT SIDE OF BEAM 3 ABOVE BENT 2. UP TO 18 INCHES LONG X 6 INCHES WIDE X 5 INCHES HIGH. EXPOSED REBAR WITH UP TO 70 PERCENT SECTION REMAINING. (PAR)



Bent 1 Cap 1: HORIZONTAL OPEN CRACKING (UP TO 5FEET X 1/8INCH) AND 3 FEET DELAMINATION TO NEAR AND FAR FACES AT TOP OF CAP AT RIGHT AND LEFT ENDS. (DELAMINATION DOES NOT EXTEND UNDER BEARING)



Span 2 Expansion Joint 2: ACTIVE LEAKAGE THROUGHT THE JOINT ABOVE BENT IN BAYS 1 AND 3



Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (UP TO 100 PERCENT) FOR 1 INCH DIAMETER. 3/8 (50PERCENT) AVERAGE REMAINING FOR FULL WIDTH FOR 16INCHES AT NEAR END (PAR)



Span 1 Near Bearing: LEFT ANCHOR BOLT IS SHORT AND NOT FULLY THREADED



Span 1 Beam 1: WEB SECTION LOSS (33 PERCENT SECTION LOSS, 3/16INCH SECTION LOSS, 3/8INCH REMAINS), 2 INCHES LONG X 8INCHES HIGH AT FAR END (PAR)



Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (3/8INCH REMAINS) FULL WIDTH FOR 16INCHES AT NEAR END. WEB STIFFENER (UP TO 100 PERCENT SECTION LOSS) 4INCHES X 4INCHES (PAR)



Span 1 Deck: SPALL (3FEET X 10INCHES X 1INCH SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)



Span 2 Deck: SPALL (4FEET X 12INCHES X 2INCHES SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR. (PAR)



Span 1 Beam 2: BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTION LOSS) FOR 1FOOT AT FAR END.



Span 1 Beam 2 - Far Bearing: SURFACE SCALING TO BEARING



Bent 2 Pile 1: FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH) THRU OUT ALL FACES OF COLUMN



Bent 2 Pile 1: SPALL (9INCHES X 3INCHES X 2INCHES DEEP) TO NEAR RIGHT CORNER AT BASE



Span 2 Deck: SCATTERED PATCHED AREAS IN TOP OF DECK APPROXIMATELY 20 SQUARE FEET TOTAL



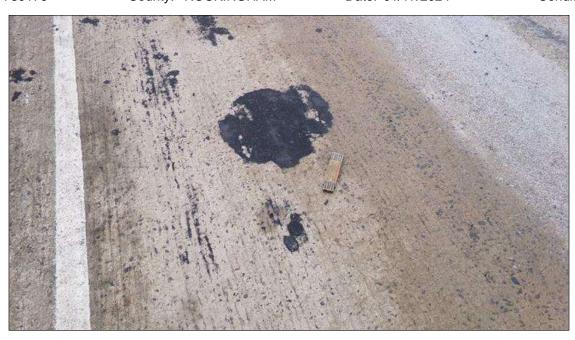
NORTH APPROACH ASPHALT WEARING SURFACE 3/8 INCH WIDE CRACKS



Span 2 Deck: WEAR WITH EXPOSED AGGREGATE THRU OUT DECK



Span 3 Right Bridge Rail: INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE AND MINOR EFFLORESCENCE THRU OUT RAIL.



Span 1 Deck: SOUND PATCH (16INCHES DIAMETER) IN RIGHT LANE, 6FEET FROM NEAR END (SIMILAR IN LEFT LANE AT MID SPAN)



Span 1 Right Bridge Rail: 9 SHALLOW SPALL (UP TO 10INCHES X 3INCHES X 1/4INCH) WITH EXPOSED REBAR TO TOP OF CURB THRU OUT, MOSTLY AT NEAR END. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR.



Span 3 Expansion Joint 3: AREAS OF MINOR ADHESION LOSS THRU OUT, MOSTLY CONCENTRATED IN THE SHOULDERS WITH ISOLATED AREAS IN THE ROADWAY



Span 3 Deck: MAP CRACKING (UP TO 1/16INCH) THRU OUT DECK.



Span 2 Deck: SPALL (20INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR AND TRANSVERSE OPEN CRACKING AT LEFT SIDE OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR (PAR)



Span 3 Deck: 2 SPALLS (16INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT SIDE OVERHANG AT NEAR END. UP TO 90 PERCENT REMANING IN THE EXPOSED REBAR (PAR)



Bent 2 Cap 1: OPEN MAP CRACKING (UP TO 1/8INCH) TO LEFT FACE OF CAP AND VERTICAL AND HORIZONTAL OPEN CRACKING (UP TO 1/8INCH) TO RIGHT FACE AND RIGHT SIDE OVERHANG. HAS ACTIVE LEAKAGE ON FACE OF CAP AT TIME OF INESPECTION



Span 1 Left Bridge Rail: SPALL WITH EXPOSED REBAR UP TO 6 INCHES WIDE X 3 INCHES HIGH X .5 INCHES DEEP IN POST, 8 FEET FROM END OF SPAN.



Span 2 Deck: 110SQUARE FEET ASPHALT PATCHES THRU OUT RIGHT LANE WITH SPALLING AT PATCH PERIMETERS



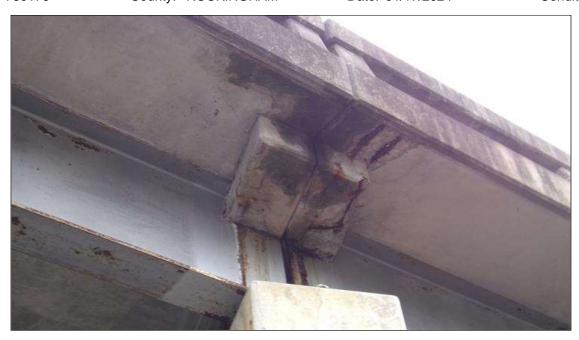
End Bent 1 Cap 1: HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP



End Bent 1 Abutment: 1FOOT DIAGONAL CRACKING (LESS THAN 1/16INCH) TO ABUTMENT AT FAR ENDS. HORIZONTAL HAIRLINE CRACKING THRU OUT ABUTMENT IN ALL BAYS



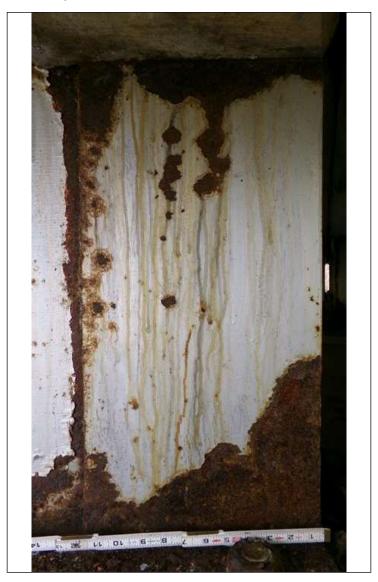
End Bent 2 Cap 1: HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP



Span 1 Deck: SPALL AND DELAMINATION (UP TO 3FEET X 20INCHES X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)



Bent 1 Cap 1: SPALL (2.5FEET X 1FOOT X 6INCHES) WITH EXPOSED SCALING REBAR TO FAR BOTTOM CORNER OF CAP UNDER BAY 2. UP TO 60 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)



Span 2 Beam 1: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END



Span 2 Beam 3: WEB PLATE REPAIR RIGHT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END



Span 2 Beam 3: WEB PLATE REPAIR LEFT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END



Span 2 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END



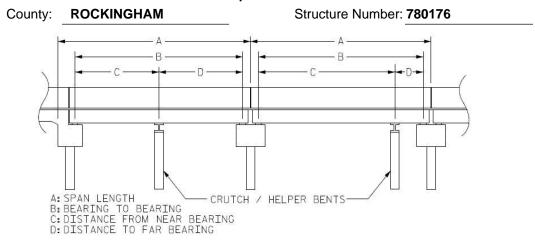
Span 2 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END



Span 3 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) TO NEAR END

Structure Data Worksheet

Span Profile



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	46.000	43.562			
2	50.500	49.125			
3	40.000	37.562			

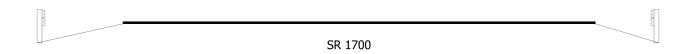
Structure Number: 780176 Span: 2 Route Name: NC14,NC87



LOOKING EAST UNDER SPAN 2

Route Number: 310001	40	Route Na	ame:	NC14,NC87	Reference Feature:	Н		
Minimum Vertical Clearance 15.083 feet Maximum Minimum Vertical Clearance 16.083 feet								
Total Horizontal Clearan	ce 35.33	4 feet	Latera	al Clearances: Left: 8.	500 feet	Right 8.333	feet	
✓ Base Highway Netwo	rk	LRS Inv	entory F	Route, Sub Route Num	ber 30014	4		
Milepost: 0.000	Number	of Lanes:	2	ADT : 6600	Year of A	NDT : 2018	Percentage of Trucks:	14
National Highway Sys	stem		STRAHNET Highway Designator					
Functional Classification 2 Direction of Traffic: 2 2 - way traffic								

Bridge Inspection Field Sketch



Roadway	24.75ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4.5ft Wide		4.5ft Unpaved
Right Shoulder	3.33ft Wide		3.33ft Unpaved
Left Guardrail	4.5ft from road		
Right Guardrail	3.33ft from road		

MEASUREMENTS TAKEN 90FT FROM NEAR END OF BRIDGE

Title APPROACH ROADWAY			Descriptio LOOKIN		TH		
Structure No: 780176	Drawn By:	BRYAN CROOM		Date:	1/17/2024	Filename:	S001530000009.wes

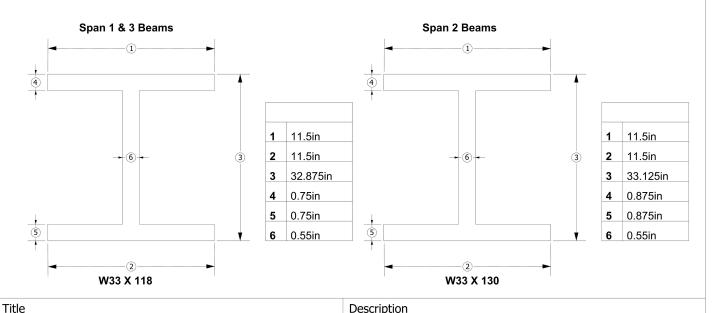
Bridge Inspection Field Sketch

Deck Width/Out to Out	32.5ft	Betwee	30ft				
Clear Roadway	30ft	Wearin	Wearing Surface				
Median Width		Median	Height				
Curb Height			6in	Right	6in		
Sidewalk Width		Left		Right			
Clear Roadway (Rail to Median	1)	Left		Right			
Guardrail Width			1.25ft	Right	1.25ft		
Top of Rail to Deck/Wearing Surface			2.333ft	Right	2.333ft		
Bridge Rail Type		Left	Type 2	Right	Type 2		



Measurements for Span #	1		
Deck Thickness	7.625in	Left Overhang	3.5ft
Top of Rail to Bottom of Beam (Avg)	5.645ft	Right Overhang	3.5ft

Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	11.5in	32.86in	3.5ft	Left Edge of Deck
2	Plate Girder	11.5in	32.86in	8.5ft	Beam 1
3	Plate Girder	11.5in	32.86in	8.5ft	Beam 2
4	Plate Girder	11.5in	32.86in	8.5ft	Beam 3



SPANS 1-3 SUPERSTRUCTURE			LOOKIN		TH		
Structure No: 780176	Drawn By:	BRYAN CROOM		Date:	1/17/2024	Filename:	S001530000010.wes

Bridge Inspection Field Sketch

Ca	ips									
#	Name	Туре	Length	Widt	:h	Height	Left Beam to	End of Cap	Right Beam	to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	30.5ft	33in		33in	1.5ft		2ft	
Pi	es									
#	Name	Туре	Spacir	g	From			Height/Diam	. Width	Length
1	Pile 1	Reinforced Concrete Column	n 5ft		Left E	nd of Ben	t	33in		15ft
2	Pile 2	Reinforced Concrete Column	1 20.5ft		Pile 1			33in		15ft

Title BENT 1 & 2 SUBSTRUCTURE			Descriptio LOOKIN		TH		
Structure No: 780176	Drawn By:	BRYAN CROOM		Date:	1/17/2024	Filename:	S001530000011.wes



END BENT 1 SLOPE



END BENT 1 PROFILE



BENT 1 PROFILE



ACCESS EQUIPMENT LADDER USED



GUARDRAIL DOES NOT ATTACH TO RAIL AT SOUTHEAST CORNER



GUARDRAIL DOES NOT ATTACH TO RAIL AT SOUTHWEST CORNER



SUPERSTRUCTURE UNDERSIDE IN SPAN 2



TYPICAL BEARING AT BENT 1 SPANS 1 AND 2 BEAM3



WEST ELEVATION



LOOKING EAST UNDER SPAN 2



TYPICAL WINGWALL NORTHEAST SHOWN



TYPICAL END DIAPHRAGM AT BENT 1



SOUTH APPROACH LOOKING SOUTH



SOUTH APPROACH LOOKING NORTH



SOIL BUILD UP AT END BENT 2 UNDER BAYS 2 AND 3



BENT 2 JOINT



END BENT 1 JOINT, TYPICAL END BENT 2 JOINT



TYPICAL BRIDGE RAIL RIGHT SHOWN



SPAN 1 TOP OF DECK (SALT BRINE ON TOP OF DECK) SPANS 2 AND 3 TYPICAL



GUARDRAIL DOES NOT ATTACH TO RAIL AT NORTHWEST CORNER



BRIDGE PLAQUE AT NORTHWEST CORNER



NORTHWEST CORNER GUARDRAIL POST SPACES AT BRIDGE ALL CORNERS SIMILAR



NORTHWEST GUARDRAIL END TERMINAL



ROUTE SIGNS AT NORTHWEST CORNER



NORTHWEST GUARDRAIL POST SPACES AT MID POINT



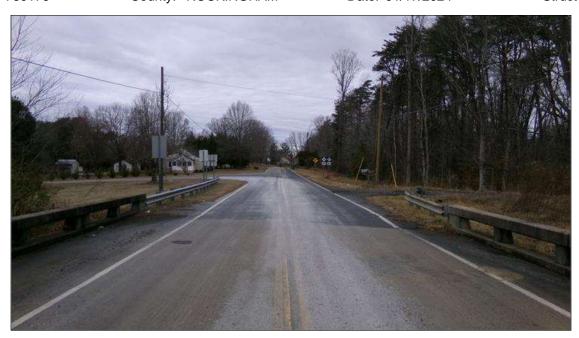
NORTHEAST GUARDRAIL END TERMINAL



GUARDRAIL END TERMINAL FOR WEST BOUND LANE UNDERNEATH BRIDGE REPAIRED SINCE LAST INSPECTION (2024 INSPECTION)



END BENT 2 SLOPE



NORTH APPROACH LOOKING NORTH



NORTH APPROACH LOOKING SOUTH



LOOKING WEST UNDER SPAN 2



BEAM AND CAP END OVER BENT 2



TYPICAL BEARING AT END BENT 1



EAST PROFILE



TYPICAL INTERMEDIATE DIAPHRAGM IN SPAN 3



LOAD POSTING SIGN AT SOUTHEAST CORNER



LOAD POSTING SIGN AT SOUTHEAST CORNER



SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAMS



LOOKING EAST



LOOKING WEST



SOUTH APPROACH ASPHALT WEARING SURFACE 3/8 INCH WIDE CRACKS