ATTENTION:



NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STRUCTURE MANAGEMENT UNIT

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 08/26/2019

DIVISION: 6	COUNTY:	ROBESON ST	RUCTURE NUMBER: 770054	FREQUENCY:	24 MONTHS				
FACILITY CARRIED:	US301								
	E. JCT SR	1765							
FEATURE INTERSEC	CTED: 195	i de la companya de l							
LATITUDE: <u>34° 43</u> '	12.44"	LONGITU	JDE: 78° 59' 50.3"						
SUPERSTRUCTURE	UPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS								
SUBSTRUCTURE: E	.BTS&INT	.BTS:REINFORCED CONCRE	TE CAPS/PPC PILES						
SPANS: 5 SPANS	S. SEE SP.	AN PROFILE SHEET FOR SPA	AN DETAILS						
FRACTURE CRI	TICAL	TEMPORARY SHORING		SCOUR PLAN OF	ACTION				
NBI GRADES:	DECK	7 SUPERSTRUCTURE	SUBSTRUCTURE 7	CULVERT N					
POSTED SV: Not F	Posted		POSTED TTST: Not Po	sted					

OTHER SIGNS PRESENT: NONE



Sign notice issued fo		Number Required
NO	WEIGHT LIMIT	0
NO	DELINEATORS	0
NO	NARROW BRIDGE	0
NO	ONE LANE BRIDGE	0
NO	LOW CLEARANCE	0



DIRECTION MATCHES PLANS

LOOKING EAST

INSPECTED BY MICHAEL R MEYER SIGNATURE

whity

ASSISTED BY STUART R HALL

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

11/20/2019

(1) STATE NAME NORTH CAROLINA BRIDGE	770054	SUFFICIENCY RATING	; 0000000
8) STRUCTURE NUMBER (FEDERAL)	1550054	STATUS = Functional	
2) STATE HIGHWAY DEPARTMENT DISTRICT	6	(112) NBIS BRIDGE SYSTEM	CODE
3) COUNTY CODE (FEDERAL) 155 (4) PLACE CODE	00000		Ť
6) FEATURE INTERSECTED 195		(104) HIGHWAY SYSTEM Inventory Route not on NHS	
7) FACILITY CARRIED US301		(26) FUNCTIONAL CLASS Rural Minor Arterial	
9) LOCATION 0.7 MI E. JCT SR 1765		(100) STRAHNET HIGHWAY Not a STRAHNET Route	
11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE No parallel structure exists	
	1	(102) DIRECTION OF TRAFFIC 2-way traffic	
13) LRS INVENTORY ROUTE & SUBROUTE 16) LATITUDE 34° 43' 12.44 " (17) LONGITUDE 78° 5	59' 50.3"	(103) TEMPORARY STRUCTURE	
98) BORDER BRIDGE STATE CODE PERCENT SHARED	00 00.0	(110) DESIGNATED NATIONAL NETWORK - on natiional network for trucks	
99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL On Free Road	
		(21) MAINT -	
42) STRUCTURE TYPE AND MATERIAL	Steel		
43) STRUCTURE TYPE MAIN	Steel	(22) OWNER -	
TYPE Stringer/Multi-beam or girder CODE	302	(37) HISTORICAL SIGNIFICANCE -	
44) STRUCTURE TYPE APPROACH			CODE
TYPE CODE		(58) DECK	
45) NUMBER OF SPANS IN MAIN UNIT	5	(59) SUPERSTRUCTURE	
46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE	
107) DECK STRUCTURE TYPE CODE	1	(61) CHANNEL & CHANNEL PROTECTION	
108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	
(A) TYPE OF WEARING SURFACE CODE	1	LOAD RATING AND POSTING	COD
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD H 20 + Mod	
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	
AGE AND SERVICE		(64) OPERATING RATING - HS-47	
27) YEAR BUILT	1959	(65) INVENTORY RATING METHOD -	
(106) YEAR RECONSTRUCTED	0.	(66) INVENTORY RATING HS-28	
	00000000	(0),	
(42) TYPE OF SERVICE ON - Overpass S		(70) BRIDGE POSTING No Posting Required	
OFF - Highway CODE	61	(41) STRUCTURE OPEN, POSTED, OR CLOSED	
28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	4	DESCRIPTION Open, no restriction	
(29) AVERAGE DAILY TRAFFIC	2700	APPRAISAL	CODI
			CODI
	8	(67) STRUCTURAL EVALUATION	
30) YEAR OF ADT 2014 (109) TRUCK ADT PCT	8		
30) YEAR OF ADT 2014 (109) TRUCK ADT PCT	8 4.0	(68) DECK GEOMETRY	
30) YEAR OF ADT 2014 (109) TRUCK ADT PCT 9) BYPASS OR DETOUR LENGTH GEOMETRIC DATA	4.0	(68) DECK GEOMETRY (69) UNDERCLEARANCES, VERT & HORIZ	
30) YEAR OF ADT 2014 (109) TRUCK ADT PCT 9) BYPASS OR DETOUR LENGTH GEOMETRIC DATA 48) LENGTH OF MAXIMUM SPAN	4.0 75.0	(68) DECK GEOMETRY(69) UNDERCLEARANCES, VERT & HORIZ(71) WATERWAY ADEQUACY	
30) YEAR OF ADT 2014 (109) TRUCK ADT PCT 19) BYPASS OR DETOUR LENGTH GEOMETRIC DATA	4.0 75.0 334.0	(68) DECK GEOMETRY (69) UNDERCLEARANCES, VERT & HORIZ	
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30) YEAR OF ADT 2014 (109) TRUCK ADT PCT 9) BYPASS OR DETOUR LENGTH GEOMETRIC DATA 48) LENGTH OF MAXIMUM SPAN 49) STRUCTURE LENGTH 50) CURB OR SIDEWALK: LEFT 1.6 RIGHT 51) BRIDGE ROADWAY WIDTH, CURB TO CURB	4.0 75.0 334.0 1.6	 (68) DECK GEOMETRY (69) UNDERCLEARANCES, VERT & HORIZ (71) WATERWAY ADEQUACY (72) APPROACH ROADWAY ALIGNMENT 	0
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Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily T	Total Horizontal Clearan	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	clearar sal Gn	STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	195S	11000950	16.3	25.0	1	10095	1	2	20000	2013	38.3	н	16.2	9.6	5.1	3	1	1		
4	195N	11000950	16.2	25.0	1	10095	1	2	20000	2013	37.4	н	16.2	9.3	4.6	3	1	1		

Note: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69.

Superstructure Build Details

Span Length 73.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2297	Square Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	146	Feet		
4	Plate Girder	Steel Open Girder/Beam	292	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2920
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	40	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2394	Square Feet		
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	304	Feet	Legacy Red Lead Primer Systems with Various Topcoats	3456
2	Concrete Railing	Reinforced Concrete Bridge Railing	152	Feet		
Snan Nu	imber 3 Snai	length 36.6700	1	Sk	ew 145.0000	1

Span Number 3Span Length36.6700

Span Number 1

Skew 145.0000

Skew 145.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	74	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1156	Square Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	148	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1452
Span Nu	ımber <u>4</u> Spa	n Length <u>76.0000</u>		Sk	ew 145.0000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	152	Feet		

Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	2394	Square Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	304	Feet	Legacy Red Lead Primer Systems with Various Topcoats	3456

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2292	Square Feet		
2	Standard Joint	Pourable Joint Seal	80	Feet		
4	Plate Girder	Steel Open Girder/Beam	292	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2912
8	Fixed Bearing	Fixed Bearing	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
2	Concrete Railing	Reinforced Concrete Bridge Railing	146	Feet		

Structure Element Scoring

Structure Number: 770054

Inspection Date 8/26/2019

Element Number	Parent Number		Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	o	Reinforced Concrete Deck	Deck	10533	10505	28	o	0
107	0	Steel Open Girder/Beam	Beam	1340	67	1272	1	0
515	107	Steel Protective Coating	Beam	14196	9013	4934	249	0
215	0	Reinforced Concrete Abutment	Abutments	112	107	5	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	39	39	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	282	269	7	6	0
301	0	Pourable Joint Seal	Expansion Joints	240	157	83	0	0
313	0	Fixed Bearing	Bearing Device	40	0	38	2	0
515	313	Steel Protective Coating	Bearing Device	40	0	32	2	6
321	0	Reinforced Concrete Approach Slabs	Approaches	400	330	70	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	670	659	11	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770054

Inspection Date: 08/26/2019

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Damage	25 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	3 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	6 Feet
3334	Fixed Bearing	Corrosion	2 Each
3353	Reinforced Concrete Approach Slabs	Cracking (RC and Other)	70 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	5133 Square Feet

Element Structure Maintenance Quantities

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	112	0	0	5	107
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	70	400	0	0	70	330
Beam	3314	Maintenance Steel Superstructure Components	25	1340	0	1	1272	67
Beam	3342	Clean and Paint Steel	5093	14196	0	249	4934	9013
Bearing Device	3334	Bridge Bearing	2	40	0	2	38	0
Bearing Device	3342	Clean and Paint Steel	40	40	6	2	32	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	670	0	0	11	659
Caps	3348	Maintenance of Concrete Substructure	9	282	0	6	7	269
Deck	3326	Maintenance of Concrete Deck	0	10533	0	0	28	10505
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	240	0	0	83	157
Piles and Columns	3348	Maintenance of Concrete Substructure	0	39	0	0	0	39

Element Condition and Maintenance Data

Spa		Deck						
Reir	nforced Concret	e Deck						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfo	rced Concrete Deck	2,297	2,289	8	0	-	Square Feet
Elemen Numbe	Defect Turne	Defect Des	cription		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	8 Square Feet of diagonal Crackin at abutment 1 end.	g with efflorescence	e in bay 3	2	8		Square Feet
	General Comments							
Spa	n 1	Beam 1						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	73	0	73	0	0 F	eet
515	Steel	Protective Coating	730	497	222	11	0 5	Square Feet
Elemen Numbe	Defect Tune	Defect Des	cription		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FU CORROSION AND SCATTERED FLANGE, FRECKLED SURFACE	ALONG THE LOWE		2	73		Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FU CORROSION WHERE THERE IS		ACE	3	11	11	Square Feet
	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG	THE BEAM		2	222	222	Square Feet
515	General Comments							
	n 1	Beam 2						
Spa	n 1 e Girder	Beam 2						
Spa Plat _{Eler}		Beam 2	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	

515	Steel Pr	Steel Protective Coating 730 497		497	222	11	0 S	quare Feet
Elemei Numbe	Defect Tune	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL HEIG CORROSION AND SCATTERED ALONG T FLANGE, FRECKLED SURFACE CORROS	HE LOWE		2	73	-	Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL HEIG CORROSION WHERE THERE IS NO PC	HT SURFA	CE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE BE	AM		2	222	222	Square Feet
	General Comments							

Span 1

Beam	3
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Plate Girder

Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	73	0	73	0	0 F	eet
515	Steel Pr	rotective Coating	730	497	222	11	0 S	quare Feet
Elemer Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULI CORROSION AND SCATTERED AL FLANGE, FRECKLED SURFACE CO	ONG THE LOWE		2	73		Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FUL CORROSION WHERE THERE IS NO		CE	3	11	11	Square Fee
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG T	THE BEAM		2	222	222	Square Fee
	Concrat Commonts							

General Comments

Spar	า 1	Beam 4						
Plate	e Girder							
Elem Num	ber	Element Name ben Girder/Beam	Total Qty 73	CS1 Qty 0	CS2 Qty 73	CS3 Qty 0	CS4 Qty	Feet
515		ptective Coating	730	497	222	11	• •	Square Feet
Element	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion		FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER			73	·	Feet
515	Effectiveness (Steel Protective Coatings)		OR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE			11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG T	THE BEAM		2	222	222	Square Feet
ī	General Comments							

Span 1	

Near Bearing

Fixed Bearing

	ment nber	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 Description	1		CS	CS Qty	Maint Qty	
313	Corrosion	BEARING ASSEMBLY HAS RUST SCALI	E, BEAM 1.		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED.			4	1		1 Square Feet
	General Comments							

Structure Number: 770054

Span 1 Fixed Bearing

1 17	ea bearing						
	ement 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	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	General Comments						

Span	1

Near Bearing

Fixed Bearing

Element Total CS1 CS2 CS3 CS4 Qty Number **Element Name** Qty Qty Qty Qty 313 Fixed Bearing 0 Each 0 0 1 1 515 Steel Protective Coating 0 0 1 0 Square Feet 1 Element Maint Defect Type **Defect Description** CS CS Qty Number Qty BEARING ASSEMBLY HAS SURFACE RUST, BEAM 2. 2 313 Corrosion 1 Each Effectiveness (Steel Protective Coatings) 515 PROTECTIVE COATING HAS LIMITED EFFECTIVENESS. 3 1 1 Square Feet **General Comments**

Span 1

Far Bearing

Fixed Bearing

	ment nber	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	1	0	0 Square Feet
Elemer Numbe	Defect Type	Defect Description	า		CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet

General Comments

Spa	n 1	Near Bearing	3					
Fixe	d Bearing							
Eler Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0 Ea	ch
515	Steel Pr	otective Coating	1	0	0	1	0 Sq	uare Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	BEARING ASSEMBLY HAS SURFAC	CE RUST, BEAM 3	3.	2	1	I	Each
515	Effectiveness (Steel	PROTECTIVE COATING HAS LIMIT	ED EFFECTIVEN	ESS.	3	1	1 \$	Square Feet

Protective Coatings)

Span	1	Far Bearing						
Fixed	d Bearing							
Elem Num	•	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
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
G	eneral Comments							

Spa	an 1	Near Beari	ng					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	Bearing	1	0	0	1	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	BEARING ASSEMBLY HAS RUST	SCALE, BEAM 4.		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAI	LED.		4	1		1 Square Feet
	General Comments							

Span 1

Far Bearing

Fixed Bearing

	ment nber	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	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
	General Comments							

Span 2

Beam 1

Plate Gi	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		76	0	76	0	0	Feet
515	Steel Protective Coating		864	520	333	11	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 770054			Inspe	ection D	ate: 08/26/2019
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION	2	61		Feet
107	Damage	15 Feet of Damage: Bottom flange is bent 2" south over I-95 southbound lane.	2	15	15	Feet
107	Damage	Intermediate Diaphragm: BOTTOM HALF OF GUSSET PLATE IS BENT AND DISTORTED ON SOUTH SIDE OF BEAM.	2		1	Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE BEAM	2	333	333	Square Feet
	General Comments					

Span 2

Beam 2

Plate Girder

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	76	0	76	0	0 F	eet
515	Steel Pr	otective Coating	864	500	333	31	0 S	quare Feet
Elemen Numbe	Dofoct Typo	Defect Description	on		CS	CS Qty	Maint Qty	
107	Damage	Intermediate Diaphragm: BOTTOM HAL			2		1	Feet
107	Corrosion	FOR 2' AT THE BEAM ENDS, FULL HE CORROSION AND SCATTERED ALON FLANGE, FRECKLED SURFACE COR	IG THE LOWE		2	76		Feet
515	Damage	20' OF SCRAPS, UNDERSIDE OF BOT FIRST INTERMEDIATE DIAPHRAGM.	TOM FLANGE	, AT	3	20		Square Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL H CORROSION WHERE THERE IS NO F		ACE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE	BEAM		2	333	333	Square Feet

General Comments

Beam 3

Plate Girder

Span 2

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		76	0	75	1	0	Feet
515	Steel Protective Coating		864	500	353	11	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Numbe	er Defect Type	Detect Description	CS	CS Qty	Qty	
107	Damage	(2) 2" GOUGES UP TO 1/2" DEEP, BOTTOM OF COVER PLATE, CAUSING UPWARD DEFLECTION OF BOTTOM FLANGE UP TO 1", 2' WEST OF FIRST INTERMEDIATE DIAPHRAGM.	3	1	1	Feet
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION	2	75		Feet
107	Damage	Intermediate Diaphragm: BOTTOM HALF OF GUSSET PLATE IS BENT AND DISTORTED ON NORTH SIDE OF BEAM.	2		1	Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC	3	11	11	Square Feet
515	Damage	20' OF SCRAPS, UNDERSIDE OF BOTTOM FLANGE, AT FIRST INTERMEDIATE DIAPHRAGM.	2	20		Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE BEAM	2	333	333	Square Feet
	General Comments					

Span 2

Beam 4

Plate Girder

	·	Element Name ben Girder/Beam otective Coating	Total Qty 76 864	CS1 Qty 0 490	CS2 Qty 76 363	CS3 Qty 0 11	CS4 Qty 0 Feet 0 Square Feet
Elemen Numbe	Defect Type	Defect Description	ion		CS	CS Qty	Maint Qty
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL F CORROSION AND SCATTERED ALO FLANGE, FRECKLED SURFACE COR	NG THE LOWE		2	76	Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL F CORROSION WHERE THERE IS NO I		CE	3	11	11 Square Feet
515	Damage	30' OF SCRAPS, UNDERSIDE OF BO SECOND INTERMEDIATE DIAPHRAG		, AT	2	30	Square Feet
515	Effectiveness (Steel Protective Coatings) General Comments	FRECKLED CORROSION ALONG TH	E BEAM		2	333	333 Square Feet

Span 2

Near Bearing

Fixed Bearing

	nent nber	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
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
-	General Comments						

General Comments

Far Bearing

Fixed Bearing

Span 2

	ou Bouring						
Nu	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	Defect Turne	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	r rotootivo oodanigo)						

Structure Number: 770054

Span 2 Fixed Bearing

	ou Douiling						
	ement 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	1	0	0 Square Feet
Eleme Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	General Comments						

Span 2

Far Bearing

Fixed Bearing

CS1 CS2 CS4 Element Total CS3 Number Element Name Qty Qty Qty Qty Qty 313 Fixed Bearing 0 Each 0 0 1 1 515 Steel Protective Coating 0 1 0 0 Square Feet 1 Element Maint **Defect Description** CS CS Qty **Defect Type** Qty Number FRECKLED SURFACE CORROSION 2 313 Corrosion 1 Each Effectiveness (Steel Protective Coatings) 515 FRECKLED SURFACE CORROSION 2 1 1 Square Feet **General Comments**

Span 2

Near Bearing

Fixed Bearing

Elen Nun	nent 1ber	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
Elemen Number	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet

General Comments

Span 2

Far Bearing

Fixe	ed Bearing							
	nent nber	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	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet

n 2	Near Bearing						
d Bearing							
nent hber	Element Name	Total Qty	CS1 Qty	CS2 Qty			
Fixed Be	earing	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	1	0	0	Square Feet
t Defect Type	Defect Description	I		CS	CS Qty	Maint Qty	
Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
	d Bearing hent ber Fixed Be Steel Pro t Defect Type Corrosion Effectiveness (Steel	d Bearing Thent There Tixed Bearing Steel Protective Coating The Defect Type Corrosion Corrosion Effectiveness (Steel FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	d Bearing Total Oty Fixed Bearing Steel Protective Coating 1 t Defect Type Defect Description Corrosion FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	Defect Type Defect Description Corrosion FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	d Bearing Total Qty CS1 Qty Qty Qty Bearing 1 0 1 Steel Protective Coating 1 0 1 t Defect Type Defect Description CS Corrosion FRECKLED SURFACE CORROSION 2 Effectiveness (Steel FRECKLED SURFACE CORROSION 2	d Bearing Total Qty CS1 Qty CS2 Qty CS3 Qty Fixed Bearing 1 0 1 0 1 0 Steel Protective Coating 1 0 1 0 1 0 t Defect Type Defect Description CS CS Qty Corrosion FRECKLED SURFACE CORROSION 2 1 Effectiveness (Steel FRECKLED SURFACE CORROSION 2 1	Defect Type Defect Description CS CS Qty Qty

Spa	an 2	Far Bearing						
Fix	ed Bearing							
	ement Imber	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	1	0	0	Square Feet
Eleme Numb	Defect Turk	e Defect Descript	ion		CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
515	Effectiveness (Ste Protective Coating				2	1		1 Square Feet
	General Commen	ts						

Span 2

Expansion Joint, Bent 1

Standard Joint

	nent nber Pourat	Element Name	Total Qty 40	CS1 Qty 0	CS2 Qty 40	CS3 Qty 0	CS4 Qty 0 Feet
Elemen Numbe	Defect Turne	Defect Descri	ption		CS	CS Qty	Maint Qty
301	Seal Cracking	TOP OF THE SEAL, DEGRADATIO CRACKING ALONG THE LENGTH.	N AND SURFACE		2	40	Feet

Span	3	Beam 1						
Plate	Girder							
Elemo Numb 107	ber	Element Name teel Open Girder/Beam	Total Qty 37	CS1 Qty 0	CS2 Qty 37	CS3 Qty 0	CS4 Qty 0	
515	Si	teel Protective Coating	363	241	111	11	0	Square Feet
Element Number	Defect Type Defect Description			CS	CS Qty	Maint Qty		
107 (Corrosion		BEAM ENDS, FULL HEIGHT SURFACE D SCATTERED ALONG THE LOWER LED SURFACE CORROSION		2	37	-	Feet

Structure Number: 770054 Inspection Date: 08/26/20					
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC	3	11	11 Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE BEAM	2	111	111 Square Feet

Spa	n 3	Beam 2						
Plat	e Girder							
Elen Nun 107		Element Name ben Girder/Beam	Total Qty 37	CS1 Qty 0	CS2 Qty 37	CS3 Qty 0	CS4 Qty 0 F	Feet
515	Steel Pr	otective Coating	363	241	111	11	0 8	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, F CORROSION AND SCATTERED FLANGE, FRECKLED SURFACE	ALONG THE LOWER		2	37		Feet
515	Effectiveness (Steel Protective Coatings)		FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE		3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALON	IG THE BEAM		2	111	111	Square Feet
-	General Comments							

Span 3

Beam 3

Plate Girder

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	ben Girder/Beam	37	0	37	0	0 F	eet
515	Steel Pr	otective Coating	363	241	111	11	0 5	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	orrosion FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION		2	37		Feet	
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FUL CORROSION WHERE THERE IS N		ACE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG	THE BEAM		2	111	111	Square Feet

General Comments

Beam 4

Span 3

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	37	0	37	0	0 Feet
515	Steel Protective Coating	363	241	111	11	0 Square Feet

Element Number	Defect Turne	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION	2	37		Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG THE BEAM	2	111	111	Square Feet

Span	3	Near Bearing						
Fixed	Bearing							
Elem Numi		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	1	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313 (Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
G	eneral Comments							

Spa	an 3		Far	Bearing						
Fix	ed Bearing									
	ement Imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 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
Eleme Numb	Dofoot 7	Гуре	Det	ect Description			CS	CS Qty	Maint Qty	
313	Corrosion		FRECKLED SURFACE C	ORROSION			2	1	-	Each
515	Effectiveness Protective Co		FRECKLED SURFACE C	ORROSION			2	1		1 Square Feet
	General Comm	nents								

Span 3

Near Bearing

Fixed Bearing

	U						
	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 Pro	otective Coating	1	0	1	0	0 Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	General Comments						

Span 3

Far Bearing

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

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313	Corrosion	FRECKLED SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION	2	1	1 Square Feet

n 3	Near Bearing						
d Bearing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Fixed Be	earing	1	0	1	0	0	Each
Steel Pre	otective Coating	1	0	1	0	0	Square Feet
t Defect Type	Defect Description			CS	CS Qty	Maint Qty	
Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
	d Bearing nent ber Fixed Be Steel Pr t Defect Type Corrosion Effectiveness (Steel	d Bearing hent her Fixed Bearing Steel Protective Coating t Defect Type Defect Description Corrosion FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	Defect Type Defect Description Corrosion FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	Defect Type Defect Description Corrosion FRECKLED SURFACE CORROSION Effectiveness (Steel FRECKLED SURFACE CORROSION	d Bearing Total Qty CS1 Qty Qty Qty beer Element Name Qty Qty Qty Qty Fixed Bearing 1 0 1 0 1 Steel Protective Coating 1 0 1 0 1 t Defect Type Defect Description CS Corrosion FRECKLED SURFACE CORROSION 2 2 Effectiveness (Steel FRECKLED SURFACE CORROSION 2	d Bearing Total Qty CS1 Qty Qty	d BearingTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 QtyFixed Bearing10100Steel Protective Coating10100tDefect DescriptionCS CS QtyCS QtyMaint QtyCorrosionFRECKLED SURFACE CORROSION21Effectiveness (SteelFRECKLED SURFACE CORROSION21

Spa	an 3	Far Bearing						
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	I Protective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
515	Effectiveness (Ste Protective Coating				2	1		1 Square Feet
	General Comment	S						

Spa	an 3	Near Bearing						
Fixe	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 Pr	otective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
	General Comments							

Structure Number: 770054

Far Bearing

Span 3

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	1	0	0	Square Feet
Elemer Numbe	Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1		1 Square Feet
	Conoral Commonts							

General Comments

Span 4

Beam 1

Plate Girder

Elen Num 107	iber	Element Name ben Girder/Beam	Total Qty 76	CS1 Qty 0	CS2 Qty 76	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pr	otective Coating	864	500	333	31	0 S	quare Feet
Element Number	Dofact Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL CORROSION AND SCATTERED ALC FLANGE, FRECKLED SURFACE CO	ONG THE LOWE		2	76		Feet
515	Damage	20' OF SCRAPES ALONG UNDERSII FLANGE, AT MIDSPAN.	DE OF BOTTOM		3	20		Square Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL CORROSION WHERE THERE IS NO		CE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG TH	HE BEAM		2	333	333	Square Feet

General Comments

Beam 2

Plate Girder

Span 4

CS1 CS2 CS3 CS4 Element Total Number **Element Name** Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 0 Feet 76 0 76 0 515 Steel Protective Coating 864 520 333 11 0 Square Feet Element Maint CS Qty **Defect Type Defect Description** cs Number Qty 2 Corrosion FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE 107 74 Feet CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION 107 Damage NEAR MID SPAN, PAST IMPACT DAMAGE REPAIR 2 2 Feet FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE 515 Effectiveness (Steel 3 11 11 Square Feet CORROSION WHERE THERE IS NO PROTECTIVE COATING Protective Coatings) 515 Effectiveness (Steel FRECKLED CORROSION ALONG THE BEAM 2 333 333 Square Feet Protective Coatings)

Span 4

Plate Girder

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	76	0	76	0	0 F	eet
515	Steel Pr	otective Coating	864	520	333	11	0 S	quare Feet
Elemen Numbe	Defect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULL CORROSION AND SCATTERED ALC FLANGE, FRECKLED SURFACE CO	ONG THE LOWER		2	76	-	Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL CORROSION WHERE THERE IS NO		CE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG TH	HE BEAM		2	333	333	Square Fee
	General Comments							

General Comments

Spa	n 4	Beam 4						
Plat	e Girder							
	nent nber Steel Op	Element Name ben Girder/Beam	Total Qty 76	CS1 Qty 67	CS2 Qty 9	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pr	otective Coating	864	531	333	0	0 5	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
107	Damage	6' OF SCRAPES AND SHALLOW UNDERSIDE OF BOTTOM FLAN		۱.	2	6	6	Feet
107	Damage	OVER RT I-95 NBL, IMPACT DAM WITH UP TO 1/2" DEFLECTIONS			2	3		Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG	G THE BEAM		2	333	333	Square Feet
-	General Comments							

Span	4	Left Bridge F	Rail					
Conc	rete Railing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	76	65	11	0	0 Feet	
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
331 F	Patched Area	11' REPAIR TO RAIL BEGINNING A	T BENT 3.		2	11	Squa	re Feet

-								
Span 4		Near Bearin	g					
Fixed B	earing							
Element Number		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	1	0	0	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
313 Corr	rosion	FRECKLED SURFACE CORROSIC	DN		2	1		Each

Structure Number: 770054

515 Effectiveness (Steel FRECKLED SURFACE CORROSION Protective Coatings)

General Comments

Spa	n 4			Far Bearing						
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 Pro	otective Coating		1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot 7	Гуре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		FRECKLED SURFA	CE CORROSION			2	1		Each
515	Effectiveness Protective Co		FRECKLED SURFA	CE CORROSION			2	1		1 Square Feet
	General Com	nents								
Spa	in 4			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	1	0	0	Each
515		Steel Pro	otective Coating		1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot 7	Гуре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		FRECKLED SURFA	CE CORROSION			2	1		Each
515	Effectiveness Protective Co		FRECKLED SURFA	CE CORROSION			2	1		1 Square Feet
	General Com	nents								
Spa	ın 4			Far Bearing						
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 Pro	otective Coating		1	0	1	0	0	Square Feet
Elemer Numbe		Гуре		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion		FRECKLED SURFA	CE CORROSION			2	1		Each
515	Effectiveness Protective Co		FRECKLED SURFA				2	1		1 Square Feet

General Comments

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2

1

1 Square Feet

Structure Number: 770054

Fixed Bearing

Span 4

1 17	ou Bouring						
Nu	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	rotective Coating	1	0	1	0	0 Square Feet
Elemer Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	General Comments						

Span 4

Far Bearing

Fixed Bearing

CS4 Element Total CS1 CS2 CS3 Number **Element Name** Qty Qty Qty Qty Qty 313 **Fixed Bearing** 0 Each 0 0 1 1 515 Steel Protective Coating 0 0 0 Square Feet 1 1 Element Maint **Defect Description** CS Qty **Defect Type** CS Qty Number FRECKLED SURFACE CORROSION 2 313 Corrosion 1 Each 515 Effectiveness (Steel FRECKLED SURFACE CORROSION 2 1 1 Square Feet Protective Coatings) **General Comments**

Span 4

Near Bearing

Fixed Bearing

CS2 Element Total CS1 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 313 **Fixed Bearing** 0 0 0 Each 1 1 515 Steel Protective Coating 0 1 0 0 Square Feet 1 Element Maint **Defect Type** cs CS Qty **Defect Description** Number Qty 313 FRECKLED SURFACE CORROSION 2 Corrosion 1 Each 515 Effectiveness (Steel FRECKLED SURFACE CORROSION 2 1 1 Square Feet Protective Coatings)

General Comments

Span 4

Far Bearing

Fixe	ed Bearing						
	nent nber	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	1	0	0 Square Feet
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet

Spa	an 5	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	2,292	2,272	20	0	0	Square Feet
Elemei Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	TOP OF THE DECK, HAIRLINE L AT END BENT 2, UP TO 2' LONG		ACKING	2	20	-	Square Feet
	General Comments							

n 5	Beam 1						
e Girder							
nent nber Steel Op	Element Name ben Girder/Beam	Total Qty 73	CS1 Qty 0	CS2 Qty 73	CS3 Qty 0	CS4 Qty 0 F	eet
Steel Pre	otective Coating	728	495	222	11	0 S	quare Feet
t n Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
Corrosion	CORROSION AND SCATTERED	ALONG THE LOWE		2	73		Feet
Effectiveness (Steel Protective Coatings)			CE	3	11	11	Square Feet
Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG	THE BEAM		2	222	222	Square Feet
	e Girder nent nber Steel Op Steel Pro t Defect Type Corrosion Effectiveness (Steel Protective Coatings) Effectiveness (Steel	e Girder nent nber Element Name Steel Open Girder/Beam Steel Protective Coating t Defect Type Corrosion FOR 2'L AT THE BEAM ENDS, FL CORROSION AND SCATTERED A FLANGE, FRECKLED SURFACE C Effectiveness (Steel Protective Coatings) Effectiveness (Steel FRECKLED CORROSION ALONG	e Girder nent her Element Name Corrosion FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFA CORROSION AND SCATTERED ALONG THE LOWEI FLANGE, FRECKLED SURFACE CORROSION Effectiveness (Steel Protective Coatings) Effectiveness (Steel FRECKLED CORROSION ALONG THE BEAM	e Girder nent nber Element Name Steel Open Girder/Beam Total Qty CS1 Qty Steel Open Girder/Beam 73 0 Steel Protective Coating 728 495 t Defect Type Defect Description Corrosion FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION Effectiveness (Steel FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC Effectiveness (Steel FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC Effectiveness (Steel FRECKLED CORROSION ALONG THE BEAM	e Girder nent nber Element Name Steel Open Girder/Beam Total Qty T3 CS1 Qty Qty Qty CS2 Qty Qty Steel Open Girder/Beam 73 0 73 Steel Protective Coating 728 495 222 t Defect Type Defect Description CS Corrosion FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION 2 Effectiveness (Steel FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC 3 Effectiveness (Steel FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC 3 Effectiveness (Steel FRECKLED CORROSION ALONG THE BEAM 2	e GirderInent hberElement Name Element MameTotal QtyCS1 QtyCS2 QtyCS3 QtySteel Open Girder/Beam730730Steel Protective Coating72849522211t CorrosionEOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSIONCSCS QtyEffectiveness (SteelFOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC311Effectiveness (SteelFOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC32Effectiveness (SteelFRECKLED CORROSION ALONG THE BEAM2222	e Girdernent nberElement NameTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 QtySteel Open Girder/Beam7307300FSteel Protective Coating728495222110St rDefect TypeDefect DescriptionCS CS QtyCS Qty QtyMaint QtyCorrosionFOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION AND SCATTERED ALONG THE LOWER FLANGE, FRECKLED SURFACE CORROSION27311Effectiveness (Steel Protective Coatings)FOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION WHERE THERE IS NO PC31111Effectiveness (Steel Effectiveness (SteelFOR 2'L AT THE BEAM ENDS, FULL HEIGHT SURFACE CORROSION ALONG THE BEAM2222222

General Comments

Beam 2

Plate Girder

Span 5

	nent nber	Steel Op	Element Name ben Girder/Beam	Total Qty 73	CS1 Qty 0	CS2 Qty 73	CS3 Qty 0	CS4 Qty 0 F	eet
515		Steel Pr	otective Coating	728	495	222	11	0 S	quare Feet
Elemen Numbe	Defect	Туре	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion		FOR 2'L AT THE BEAM ENDS, FUL CORROSION AND SCATTERED A FLANGE, FRECKLED SURFACE C	LONG THE LOWE		2	73	-	Feet
515	Effectiveness Protective Co	·	FOR 2'L AT THE BEAM ENDS, FUL CORROSION WHERE THERE IS N		CE	3	11	11	Square Feet
515	Effectiveness Protective Co	•	FRECKLED CORROSION ALONG	THE BEAM		2	222	222	Square Feet

Span 5

Beam 3

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	ben Girder/Beam	73	0	73	0	0 F	eet
515	Steel Pr	otective Coating	728	495	222	11	0 S	quare Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FUL CORROSION AND SCATTERED AL FLANGE, FRECKLED SURFACE CO	ONG THE LOWE	-	2	73		Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FUL CORROSION WHERE THERE IS N		CE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG 1	THE BEAM		2	222	222	Square Feet

General Comments

Spa	n 5	Beam 4						
Plate	e Girder							
Elen Num 107	nber	Element Name ben Girder/Beam	Total Qty 73	CS1 Qty 0	CS2 Qty 73	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pro	otective Coating	728	495	222	11	0 S	quare Feet
Element Number	- Dofoot Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
107	Corrosion	FOR 2'L AT THE BEAM ENDS, FULI CORROSION AND SCATTERED AL FLANGE, FRECKLED SURFACE CO	ONG THE LOWER		2	73		Feet
515	Effectiveness (Steel Protective Coatings)	FOR 2'L AT THE BEAM ENDS, FULL CORROSION WHERE THERE IS NO		CE	3	11	11	Square Feet
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION ALONG T	HE BEAM		2	222	222	Square Feet
-	General Comments							

Span	5

Near Bearing

Fixed Bearing

	nent nber	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	1	0	0 Square Feet
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION			2	1	1 Square Feet
	General Comments						

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Span 5

Elen 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	0	1 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	SURFACE CORROSION			2	1	Each
515	Effectiveness (Steel Protective Coatings)	SURFACE CORROSION			4	1	1 Square Feet
-	General Comments						

Span 5

Near Bearing

Far Bearing

Fixed Bearing

CS2 CS4 Element Total CS1 CS3 Number Element Name Qty Qty Qty Qty Qty 313 Fixed Bearing 0 Each 0 0 1 1 515 Steel Protective Coating 0 1 0 0 Square Feet 1 Element Maint Defect Type **Defect Description** CS CS Qty Qty Number FRECKLED SURFACE CORROSION 2 313 Corrosion 1 Each Effectiveness (Steel Protective Coatings) 515 FRECKLED SURFACE CORROSION 2 1 1 Square Feet **General Comments**

Span 5

Far Bearing

Fixed Bearing

ent Der	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Fixed Be	earing	1	0	1	0	0 Each
Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Defect Type	Defect Description	n		CS	CS Qty	Maint Qty
Corrosion	SURFACE CORROSION			2	1	Each
Effectiveness (Steel Protective Coatings)	SURFACE CORROSION			4	1	1 Square Feet
	Fixed Be Steel Pr Defect Type Corrosion Effectiveness (Steel	Deer Element Name Fixed Bearing Steel Protective Coating Defect Type Defect Descriptio Corrosion SURFACE CORROSION Effectiveness (Steel SURFACE CORROSION	Der Element Name Qty Fixed Bearing 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion SURFACE CORROSION Effectiveness (Steel SURFACE CORROSION	Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion SURFACE CORROSION Effectiveness (Steel SURFACE CORROSION	Element Name Qty Qty Qty Fixed Bearing 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion SURFACE CORROSION 2 Effectiveness (Steel SURFACE CORROSION 4	Defect Type Defect Corrosion SURFACE CORROSION Qty Qty Qty Qty Qty Qty Effectiveness (Steel SURFACE CORROSION 1 0 1 0

General Comments

Span 5

Near Bearing

Fixed Bear	ng	
Element Number	Element Name	
313	Fixed Bearing	
515	Steel Protective Coating	
- 1		

Elemen Numbe		Defect Description	CS	CS Qty	Maint Qty
313	Corrosion	FRECKLED SURFACE CORROSION	2	1	Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED SURFACE CORROSION	2	1	1 Square Feet

CS1

Qty

0

0

Total Qty

1

1

CS2

Qty

1

1

CS3

Qty

0

0

CS4

Qty 0 Each

0 Square Feet

Spa	n 5	Far Bearin	g					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
lemen	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	SURFACE CORROSION			4	1		1 Square Feet
	General Comments							

Spa	an 5		Near Bearing						
Fixe	ed Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fix	ked Bearing		1	0	1	0	0	Each
515	St	eel Protective Coating		1	0	1	0	0	Square Feet
Elemer Numbe	Defect Tur	De	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	FRECKLED SURF	ACE CORROSION			2	1	-	Each
515	Effectiveness (S Protective Coatir		ACE CORROSION			2	1		1 Square Feet
	General Comme	nts							

Span 5

Far Bearing

Fixed Bearing

Eler Nun	nent nber	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	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description	n		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE CORROSION			4	1	1	Square Feet

Span 5

Expansion Joint, Bent 4

Standard Joint

Nur	ment mber	Element Name	Total Qty	Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301		Pourable Joint Seal	40	37	3	0	0 Feet	
Elemer Numbe	Dofoot T	уре	Defect Description		CS	CS Qty	Maint Qty	

Structure	Number: <u>770054</u>			Inspec	tion Date: <u>08/26/201</u>
301	Adjacent Deck or Header	EASTBOUND LANE, TRANSVERSE CRACKING IN THE ADJACENT DECK HEADER UP TO 1/32".	2	1	Feet
301	Adjacent Deck or Header	WESTBOUND LANE, TRANSVERSE CRACKING IN THE ADJACENT DECK HEADER UP TO 1/32".	2	1	Feet

-								
Spa	in 5	Expansion	Joint, End Ben	t 2				
Star	ndard Joint							
	ment mber Pourabl	Element Name e Joint Seal	Total Qty 40	CS1 Qty 0	CS2 Qty 40	CS3 Qty 0	CS4 Qty 0 Feet	
Elemen	Defect Type	Defect Descr	rintion		CS	CS Qty	Maint	
lumbe 301	Seal Cracking	TOP OF THE SEAL, DEGRADATIC	N AND SURFACE		2	40	Qty Feet	
	General Comments	CRACKING ALONG THE LENGTH						_
Ben	nt 1	Cap 1						
Reir	nforced Concrete	Pier Cap						
	ment		Total	CS1	CS2	CS3	CS4	
Nur 234	mber Reinford	Element Name ced Concrete Pier Cap	Qty 47	Qty 40	Qty 7	Qty 0	Qty 0 Feet	
lemen	nt						Maint	
lumbe	er Defect Type		•		CS	CS Qty	Qty	
234	Patched Area	14" X 6" X 6" PATCHED AREA, BO FACE AT NORTH END.	I I OM CORNER OF	- EAST	2	2	Feet	
234	Patched Area	18" X 6" X 6" PATCHED AREA, BO FACE AT SOUTH END.	TTOM CORNER OF	FEAST	2	2	Feet	
234	Patched Area	3' X 8" PATCHED AREA, TOP OF E 4.	EAST FACE BELOW	V BEAM	2	3	Feet	
	General Comments							_
	General Comments							
Ben		Pile 2						
	nt 1							
Pres	nt 1 stressed Concrete		Total	CS1	CS2	CS3	CS4	
Pre: Eler Nur	nt 1 stressed Concrete ment mber	e Pile Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Pres	nt 1 stressed Concrete ment mber	e Pile						
Pres Eler Nur 226 Elemen	nt 1 stressed Concrete ment mber Prestres	e Pile Element Name	Qty 1	Qty	Qty	Qty	Qty	
Pres Eler Nur 226 Elemen Numbe	nt 1 stressed Concrete ment mber Prestres nt Defect Type General Comments	e Pile Element Name ssed Concrete Pile Defect Descr	Qty 1	Qty	Qty 0	Qty 0	Qty 0 Each Maint	_
Pres Eler Nur 226 Elemen Numbe	nt 1 stressed Concrete ment mber Prestres nt Defect Type General Comments EPOXY SEALED	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE	Qty 1	Qty	Qty 0	Qty 0	Qty 0 Each Maint	-
Pres Eler Nur 226 Elemen Numbe	nt 1 stressed Concrete ment mber Prestres nt Defect Type General Comments	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment	Qty 1	Qty	Qty 0	Qty 0	Qty 0 Each Maint	_
Pres Eler Nur 226 Elemen Numbe	nt 1 stressed Concrete ment mber Prestres t T Defect Type General Comments EPOXY SEALED I Bent 1 nforced Concrete	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment	Qty 1 iption	Qty 1	Qty 0 CS	Qty 0 CS Qty	Qty 0 Each Maint Qty	-
Pres Eler Nur 226 Elemen Numbe Eler Nur Eler Nur	nt 1 stressed Concrete ment mber Prestres t Defect Type General Comments EPOXY SEALED I Bent 1 nforced Concrete ment mber	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment Abutment Element Name	Qty 1 iption	Qty 1 CS1 Qty	Qty 0 CS CS2 Qty	Qty 0 CS Qty CS3 Qty	Qty 0 Each Maint Qty CS4 Qty	
Pres Eler Nur 226 Elemen Numbe End Rein Eler	nt 1 stressed Concrete ment mber Prestres t Defect Type General Comments EPOXY SEALED I Bent 1 nforced Concrete ment mber	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment Abutment	Qty 1 ription	Qty 1 CS1	Qty 0 CS CS2	Qty 0 CS Qty CS3	Qty 0 Each Maint Qty CS4	_
Pres Eler Nur 226 Elemen Numbe End Rein Eler Nur 215	nt 1 stressed Concrete ment mber Prestres t Defect Type General Comments EPOXY SEALED Bent 1 nforced Concrete ment mber Reinforce	e Pile Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment Abutment Element Name	Qty 1 iption :IGHT. Total Qty 56	Qty 1 CS1 Qty	Qty 0 CS CS2 Qty	Qty 0 CS Qty CS3 Qty	Qty 0 Each Maint Qty CS4 Qty 0 Feet Maint	_
Pres Eler Nur 226 Elemen Numbe Eler Nur Eler Nur	nt 1 stressed Concrete ment mber Prestres t Defect Type General Comments EPOXY SEALED Bent 1 nforced Concrete ment mber Reinforce	Element Name ssed Concrete Pile Defect Descr CRACKS THROUGHOUT AT MID HE Abutment Abutment Element Name ced Concrete Abutment	Qty 1 *iption :IGHT. EIGHT. Total Qty 56 *iption (RC and Other): Wi	Qty 1 CS1 Qty 51	Qty 0 CS CS Qty 5	Qty 0 CS Qty CS3 Qty 0	Qty 0 Each Maint Qty CS4 Qty 0 Feet	_

Bent 4		Cap 1						
Reinforced Concrete Pie	er Cap							
Element			Total	CS1	CS2	CS3	CS4	

Num	ber	Element Name	Qty	Qty	Qty	Qty	Qty	
234	Reinfor	Reinforced Concrete Pier Cap			0	6	0	Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
234	Patched Area	LOWER SIDE OF THE CAP BET FACE, LOWER CORNER, APPR PATCHING (HAIRLINE MAP CR.	OX 3SQFT UNSOUN	-	3		3	3 Feet
234	Patched Area	LOWER SIDE OF THE CAP BET 3SQFT OF UNSOUND PATCHIN 1/16"W)	,	-	3	3	3	3 Feet
234	Cracking (RC and Other)	LOWER SIDE OF THE CAP BET FACE, LOWER CORNER, LONG 1/8")	-	3	3	3	3 Feet

Approach 1

Reinforced Concrete Approach Slab

Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinfor	Reinforced Concrete Approach Slabs		180	20	0	0	Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
	Cracking (RC and Other)	SCATTERED HAIRLINE MAP AND I CRACKING	LONGITUDINAL		2	20	20	Square Feet

General Comments

Approach 2

Reinforced Concrete Approach Slab

Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinfor	Reinforced Concrete Approach Slabs		150	50	0	0	Square Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
	Cracking (RC and Other)	SCATTERED HAIRLINE MAP CRACKING	G.		2	50	50) Square Feet

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2297
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	73
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	73
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	73
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	73
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	73
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	73
Span 1	Expansion Joint, End Bent 1	Standard Joint	Pourable Joint Seal	40
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2394
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 2	Expansion Joint, Bent 1	Standard Joint	Pourable Joint Seal	40
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1156
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	37
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	37
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	37
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	37
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	37
Span 3	Expansion Joint, Bent 2	Standard Joint	Pourable Joint Seal	40
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far 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	Near 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	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2394
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	76
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	76
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	76
Span 4	Expansion Joint, Bent 3	Standard Joint	Pourable Joint Seal	40
Span 4	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2292
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	73
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	73
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	73
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	73
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	73
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	73
Span 5	Expansion Joint, End Bent 2	Standard Joint	Pourable Joint Seal	40
Span 5	Expansion Joint, Bent 4	Standard Joint	Pourable Joint Seal	40
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
Bent 1	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 7	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	56
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
Bent 2	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 2	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	56
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
Bent 3	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	47
Bent 4	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 7	Prestressed Concrete Pile	Prestressed Concrete Pile	1

General Inspection Notes

Bent 1 Pile 2

EPOXY SEALED CRACKS THROUGHOUT AT MID HEIGHT.

National Bridge and NC Inspection Items

Structure Number: 770054

Inspection Date: 08/26/2019

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0-9, N	7
Item 59: Superstructure	0 - 9 , N	6
Item 60: Substructure	0 - 9 , N	7
Item 61: Channel and Channel Protection	0 - 9 , N	N
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

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	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		А		

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	N
Inspection Time	Hours	6
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

National Bridge and NC SMU Inspection Item Details

Structure Number: 770054 Inspection Date: 08/26/2019
Item Grade Maint Code Qty.
Details

Structure: 770054

County: ROBESON

Date: 08/26/2019

Condition Photos



Span 4 Left Bridge Rail: 11' REPAIR TO RAIL BEGINNING AT BENT 3.



Expansion Joint, Bent 4 : EASTBOUND LANE, TRANSVERSE CRACKING IN THE ADJACENT DECK HEADER UP TO 1/32".

Date: 08/26/2019



Expansion Joint, End Bent 2 : TOP OF THE SEAL, DEGRADATION AND SURFACE CRACKING ALONG THE LENGTH



Span 2 Beam 1: 15 Feet of Damage: Bottom flange is bent 2" south over I-95 southbound lane.

County: ROBESON

Date: 08/26/2019

Condition Photos



Span 2 Beam 3: (2) 2" GOUGES UP TO 1/2" DEEP, BOTTOM OF COVER PLATE, CAUSING UPWARD DEFLECTION OF BOTTOM FLANGE UP TO 1", 2' WEST OF FIRST INTERMEDIATE DIAPHRAGM.



Span 2 Beam 3: (2) 2" GOUGES UP TO 1/2" DEEP, BOTTOM OF COVER PLATE, CAUSING UPWARD DEFLECTION OF BOTTOM FLANGE UP TO 1", 2' WEST OF FIRST INTERMEDIATE DIAPHRAGM.

Date: 08/26/2019



Span 2 Beam 3: Intermediate Diaphragm: BOTTOM HALF OF GUSSET PLATE IS BENT AND DISTORTED ON NORTH SIDE OF BEAM.



Bent 1 Cap 1: 14" X 6" X 6" PATCHED AREA, BOTTOM CORNER OF EAST FACE AT NORTH END.

Date: 08/26/2019



Bent 1 Cap 1: 3' X 8" PATCHED AREA, TOP OF EAST FACE BELOW BEAM 4.



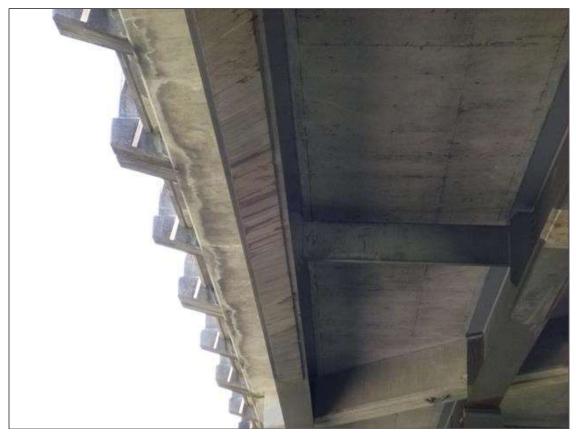
Bent 1 Pile 2: EPOXY SEALED CRACKS THROUGHOUT AT MID HEIGHT.

County: ROBESON

Date: 08/26/2019



Span 1 Beam 1 Near Bearing: BEARING ASSEMBLY HAS RUST SCALE, BEAM 1.



Span 4 Beam 1: 20' OF SCRAPES ALONG UNDERSIDE OF BOTTOM FLANGE, AT MIDSPAN.

County: ROBESON

Date: 08/26/2019

Condition Photos



Span 4 Beam 2: NEAR MID SPAN, PAST IMPACT DAMAGE REPAIR



Span 4 Beam 4: 6' OF SCRAPES AND SHALLOW GOUGES ALONG UNDERSIDE OF BOTTOM FLANGE, NEAR MIDSPAN.

Date: 08/26/2019

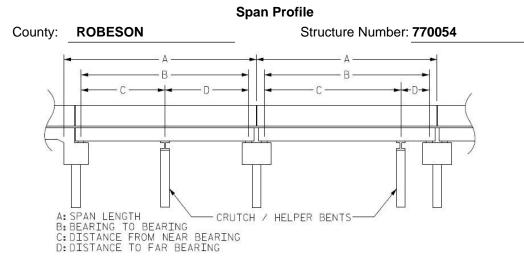


Bent 4 Cap 1: LOWER SIDE OF THE CAP BETWEEN PILES 3-4, WEST FACE, LOWER CORNER, APPROX 3SQFT UNSOUND PATCHING (HAIRLINE MAP CRACKED)



Bent 4 Cap 1: LOWER SIDE OF THE CAP BETWEEN PILES 3-4, EAST FACE, LOWER CORNER, LONGITUDINAL CRACKING UP TO 1/8"

Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	73.000	71.000			
2	76.000	74.500			
3	36.670	35.167			
4	76.000	74.500			
5	73.000	71.000			

County: ROBESON

Date: 08/26/2019

Structure Photos



EAST APPROACH, LOOKING WEST



LOOKING EAST

County: ROBESON

Date: 08/26/2019

Structure Photos



WEST APPROACH, LOOKING EAST



CONCRETE BRIDGE DECK

County: ROBESON

Date: 08/26/2019

Structure Photos



NORTH BRIDGE RAIL



SOUTH BRIDGE RAIL

<image>

 Structure:
 70054
 County:
 ROBESON
 Date:
 08/26/2019
 Structure Photos

TRANSITION BETWEEN WEST APPROACH ROADWAY AND WEST APPROACH SLAB, LOOKING NORTH



TYPICAL EXPANSION JOINT, END BENT 1 SHOWN, LOOKING NORTH, (ALL BENTS SIMILAR)

<image>

Date: 08/26/2019

Structure Photos

County: ROBESON

Structure: 770054

TYPICAL GUARDRAIL ATTACHMENT, NORTHWEST SHOWN



TYPICAL GUARDRAIL, NORTHWEST SHOWN

County: ROBESON

Date: 08/26/2019

Structure Photos



ROADWAY VIEW FROM BRIDGE DECK, LOOKING NORTH



ROADWAY VIEW FROM BRIDGE DECK, LOOKING SOUTH

County: ROBESON

Date: 08/26/2019

Structure Photos



END BENT 1 ELEVATION, LOOKING WEST



END BENT 1 SLOPE PROTECTION, LOOKING WEST

Date: 08/26/2019

Structure Photos



BENT 1 ELEVATION, LOOKING EAST



BENT 2 ELEVATION, LOOKING EAST

Date: 08/26/2019

Structure Photos



SUPERSTRUCTURE UNDERSIDE, SPAN 1, LOOKING WEST



SPAN 2 CLEARANCE, LOOKING SOUTH

County: ROBESON

Date: 08/26/2019

Structure Photos



NORTH PROFILE, LOOKING SOUTH



SOUTH PROFILE, LOOKING NORTH

County: ROBESON

Date: 08/26/2019

Structure Photos



SPAN 4 CLEARANCE, LOOKING NORTH



BENT 3 ELEVATION, LOOKING WEST

County: ROBESON

Date: 08/26/2019

Structure Photos



BENT 4 ELEVATION, LOOKING WEST



END BENT 2 SLOPE PROTECTION, LOOKING EAST

Date: 08/26/2019

Structure Photos



END BENT 2 ELEVATION, LOOKING EAST



TYPICAL WINGWALL (SOUTHEAST SHOWN)

County: ROBESON

Date: 08/26/2019

Structure Photos



LADDER USED



TYPICAL BEARING OVER BENT (BENT 3, BEAM 2 SHOWN)

Bridge Inspection Field Sketch

(US HIGHWAY 301)

MEASURED 10' WEST OF STRUCTURE

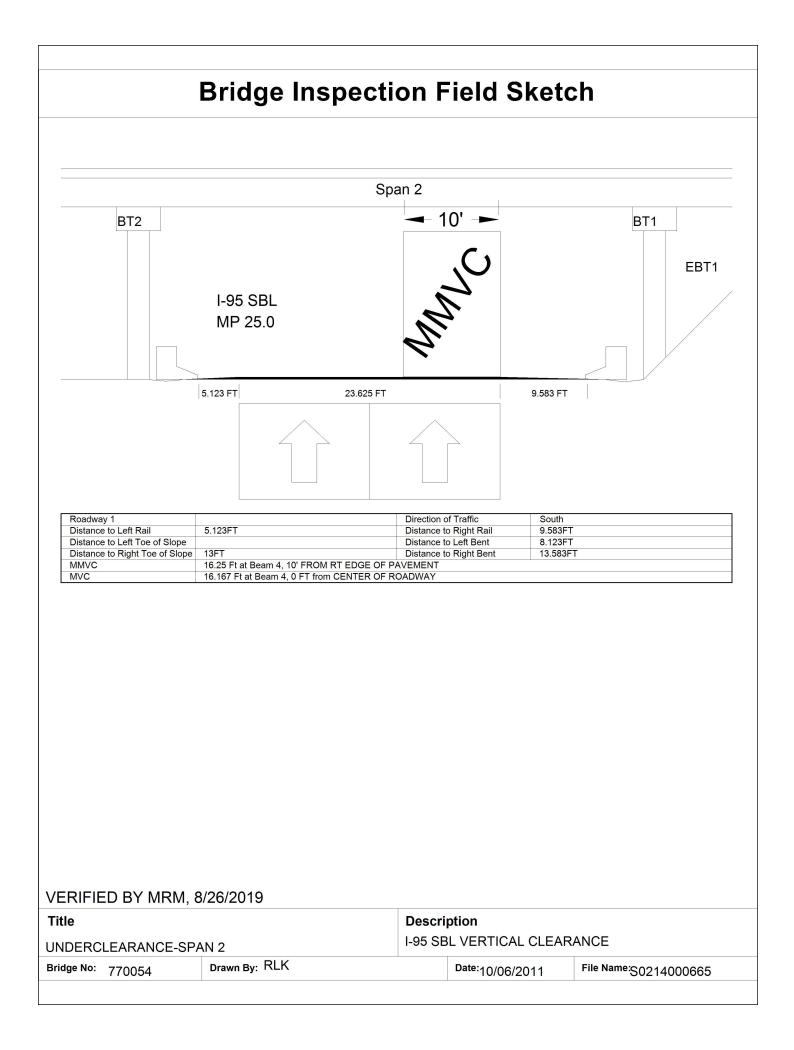
ft Wide	2 Paved Lanes	Looking North
583ft Wide	2.583ft Paved	
Wide	3ft Paved	
83ft from road		
from road		
	83ft Wide Wide 83ft from road	83ft Wide 2.583ft Paved Wide 3ft Paved 83ft from road

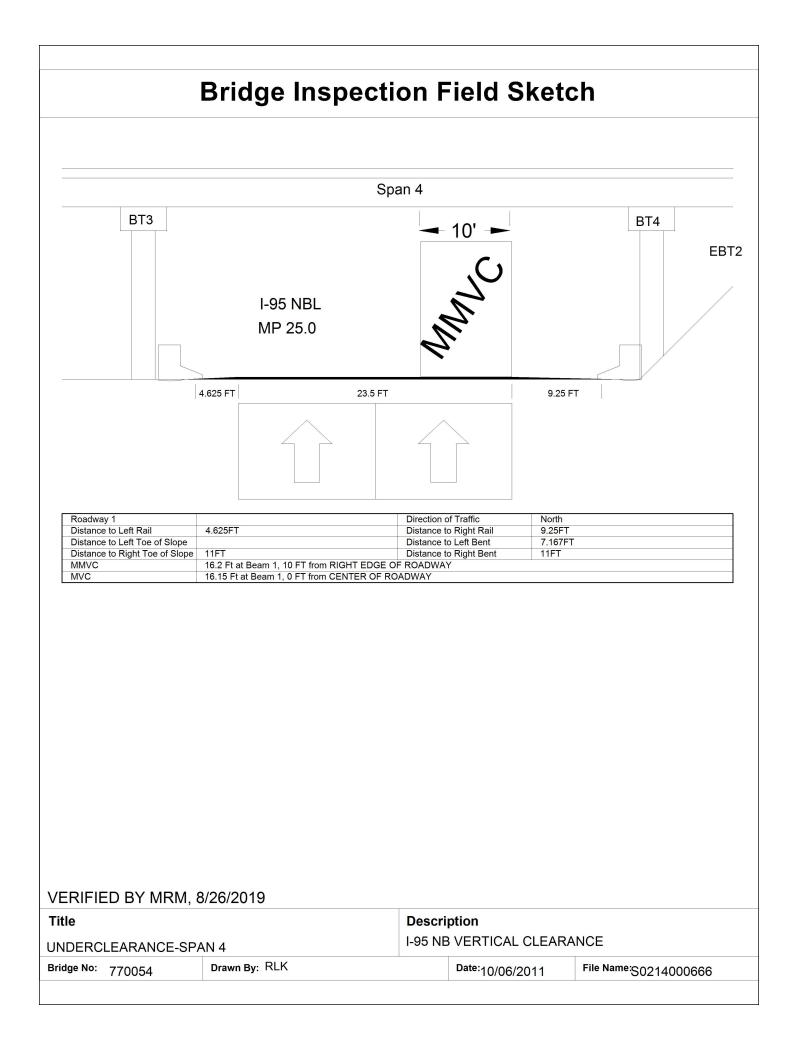
VERIFIED BY MRM, 8/26/2019

BB

Title		Descri	ption	
APPROACH		SOUTH	H APPROACH	
Bridge No: 770054	Drawn By: RLK		Date:11/09/2009	File Name:S0214000667

Clear Roadway 28ft Wearing Surface Median Width Median Height Curb Height Left 0.75ft Sidewalk Width Left Right Clear Roadway (Rail to Median) Left Right Guardrail Width Left 0.917ft Right Guardrail Width Left 0.917ft Right 0.917ft Top of Rail to Deck/Wearing Surface Left 2.417ft Right 2.417ft Bridge Rail Left Type 11 Right 7.417ft Measurements for Span # 1 1 1.67 Measurements for Span # 1 4.67 Measurements for Span # 1 4.67 Measurements for Span # 1 4.67 Beam Number Beam Type Spacing Comments 1 Steel I Beam 8ft ALL SPANS SIMILAR 2 Steel I Beam 8ft 3 3 3 Steel I Beam 8ft 4 2 4 Steel I Beam 1 COVERPLATES= 10 3/4"W X 7/8" H 4 Steel	Median WidthMedian HeightCurb HeightLeft0.75ftSidewalk WidthLeftRightClear Roadway (Rail to Median)LeftRightGuardrail WidthLeft0.917ftGuardrail WidthLeft2.417ftBridge RailLeft1.917ftDeck Thickness0.75LeftType 11Right1.Deck Thickness0.75Top of Rail to Bottom of Beam6.25Right Overhang4.67Top of Rail to Bottom of Beam8ftAll SPANS 186Steel I BeamSteel I Beam8ftAll Steel I Beam8ftAll Steel I Beam8ftSteel I Beam8ftSteel I Beam8ftAll Steel I Beam1COVERPLATES= 10 3/4"W X 7/8" HTYP GIRDERTYP GIRDERSPANS 185SPANS 2&4SPANS 185SPANS 2&4WEB = 5/8" $\frac{9}{9}$ WEB = 5/8" $\frac{9}{9}$ WEB = 5/8" $\frac{9}{9}$	Median Width Median Height Curb Height Left 0.75ft Right 0.75ft Sidewalk Width Left Right Right 0.917ft Guardrail Width Left 0.917ft Right 0.917ft Guardrail Width Left 2.417ft Right 0.917ft Top of Rail to Deck/Wearing Surface Left 2.417ft Right 2.417ft Bridge Rail Left Type 11 Right 7.90 ft 1 Deck Thickness 0.75 Left Overhang 4.67 Top of Rail to Bottom of Beam 6.25 Right Overhang 4.67 Beam Number Beam Type Spacing Comments 1 Steel I Beam 8ft 3 Steel I Beam 8ft 2 Steel I Beam 8ft 4 Steel I Beam 8ft 3 Steel I Beam 8ft 4 Steel I Beam 8ft 4 Steel I Beam 8ft 5 SPANS 28.4 SPAN 3 WEB = 5/8" bg WEB = 3/4" bg WEB = 5/8" bg	Median Width Median Height Image: Constraint of the second s		eck Width/Out to Out	33.33ft		en Rails		3	1.25ft		
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Description	Description	Description	ERSTRUCTURE TYPICAL SECTION	FLANGE = 1-1/8"				-					





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	formation				Place Concre					
Length 46.834		Height 3.000 ft.*	Left Over 2.167	-	Right Overh 2.167 ft.	-	eam to Er 33 ft.	nd of Cap.	Right Beam to Er 1.833 ft.	id of Cap.
	p Information	3.000 II.	Material	п.	2.107 ft.	1.0	55 II.		1.033 IL	
Lengt		Height	Left Over	hang	Right Overh	ang Left Pi	le to Splic	ce.		
					-		•			
	ormation		Material							
Length	h Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replaceme	nt? Removed?	Collar?
1	Concrete	7.123 ft.	1.67 ft.	J	5	Vertical	Yes	No	No	No
2	Concrete	7.167 ft.	1.67 ft.			Vertical	Yes	No	No	No
3	Concrete	6.959 ft.	1.67 ft.			Vertical	Yes	No	No	No
4	Concrete	7.290 ft.	1.67 ft.			Vertical	Yes	No	No	No
5	Concrete	7.083 ft.	1.67 ft.			Vertical	Yes	No	No	No
6 7	Concrete Concrete	6.833 ft.	1.67 ft. 1.67 ft.			Vertical Vertical	Yes	No	No No	No
/	Concrete		1.07 IL.			venical	Yes	No	INO	No
VERIF	IED BY MF	RM, 8/26/	2019							
Bent/A	butment #:	1	Similar E	Bents:	4					
Title					C	Description				
SUBSTR	UCTURE				E	BENTS 1&4				

		Bri	dge l	nsp	ectio	n	Fie	ld S	ketc	h		
Can In	formation		Material	Cast_in_I	Place Concre	to						
Lengt		Height	Left Over		Right Overha		Left Be	eam to Er	nd of Cap.	Riah	t Beam to Er	nd of Cap.
46.834		-	2.250	-	1.875 ft.			333 ft.		-	.833 ft.	
_	o Information		Material									
Lengt		Height	Left Over	hang	Right Overha	ang	Left Pi	le to Splic	ce.			
Sill Info	ormation		Material									
Lengt	h Width	Height										
1												
Pile #	Material	Spacing	Width/Dia.	Height	Length		ntation	Driven?		nent?	Removed?	Collar?
1	Concrete	8.583 ft.	1.67 ft.			Verti		Yes	No		No	No
2	Concrete	8.583 ft.	1.67 ft.			Verti	cal	Yes	No		No	No

Vertical

Vertical

Vertical

Vertical

Yes

Yes

Yes

Yes

No

1 2 3

4

5

6

Concrete

Concrete

Concrete

Concrete

8.417 ft. 1.67 ft.

8.667 ft. 1.67 ft.

1.67 ft.

1.67 ft.

8.459 ft.

	VERIFIED BY MRM,	8/26/2019				
	Bent/Abutment #: 2	Similar Bents: 3				1
٦	Fitle		Descri	ption		
S	SUBSTRUCTURE-1		BENTS	6 2&3		
E	Bridge No: 770054	Drawn By: RLK	1	Date:11/09/2009	File Name:S0098000939	

		Bridge Inspection	on F	ield Sketo	;h
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Title			Descri	ption	
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	BLANK PAGE Bridge No: 770054	Drawn By: DLP		Date:08/01/2005	File Name: \$0098000272

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