	C DEPARTMENT OF TI IVISION OF HIGHWAYS TRUCTURE MANAGEN	5	TENTION: BRIDGE I TRAFFIC	S UNDER CONSTRUCTION AND CLOSED TO
		Structure S	afety Rep	ort
		Routine Elen	nent Inspection	
STRUCTURE NUMB	ER: 110095	SAP STRUCTURE NO:	0120095	FHWA STRUCTURE NO: 00000000230095
DIVISION: 13	COUNTY: BURKE	INSPE	CTION DATE: 09/05/2	2023 FREQUENCY: 24 MONTHS
FACILITY CARRIED:	SR1147			MILE POST:
LOCATION: 0.1 MI.	N.JCT.SR1142			
FEATURE INTERSE	CTED: 1-40			_
LATITUDE: 35° 42	19.29"	LONGITUDE:	81° 47' 4.34"	
	PPC CORED SLAE			
SUPERSTRUCTURE	REINFORCED CO	NCRETE DECK GIRDE	RS	
		PILES; INT.BTS:RCP&B PILES;INT.BTS:RCP&B		
SPANS: 4 SPANS	S. SEE SPAN PROFIL	E SHEET FOR SPAN D	ETAILS	
FRACTURE CR			SCOUR CRITICAL	SCOUR PLAN OF ACTION
GRADES: (Inspector	/NBI Coding) DECK 9	5 SUPERSTRUCTU	RE <u>9/5</u> SUBS	TRUCTURE 8/5 CULVERT N/N
POSTED SV: Not F	Posted		POSTED TTST: No	t Posted

OTHER SIGNS PRESENT: NONE

INSPECTED BY

DELVIN ADAMS



SIGNATURE

BRIDGE IS UNDER CONSTRUCTION AND CLOSED TO TRAFFIC

	ign notice issued for		Number Required
	NO	WEIGHT LIMIT	0
	NO	DELINEATORS	0
_	NO	NARROW BRIDGE	0
	NO	ONE LANE BRIDGE	0
_	NO	LOW CLEARANCE	0



DIRECTION MATCHES PLANS

DA-	ASSISTED BY	RICKY HOWARD
<i>v</i> jr:		

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

10/20/2023

IDENTIFICATION					
(1) STATE NAME NORTH CAROLINA BRIDGE	110	095	SUFFICIENCY RATING		72.4
(8) STRUCTURE NUMBER (FEDERAL)	0230		STATUS =		
(5) INVENTORY ROUTE (ON/UNDER) ON (2) STATE HIGHWAY DEPARTMENT DISTRICT	131011	470 13		CLASSIFICATION	
(3) COUNTY CODE (FEDERAL) 23 (4) PLACE CODE	26	5200	(112) NBIS BRIDGE SYSTEM		YE
(6) FEATURE INTERSECTED I-40			(104) HIGHWAY SYSTEM	Inventory Route not on NHS	
(7) FACILITY CARRIED SR1147			(26) FUNCTIONAL CLASS	Urban Local	1
(9) LOCATION 0.1 MI.N.JCT.SR1142			(100) STRAHNET HIGHWAY	Not a STRAHNET Route	
(11) MILEPOINT (12) BASE HIGHWAY NETWORK		0.0 0	(101) PARALLEL STRUCTURE	No parallel structure exists	
(13) LRS INVENTORY ROUTE & SUBROUTE		Ū	(102) DIRECTION OF TRAFFIC	2-way traffic	
(16) LATITUDE 35° 42' 19.29" (17) LONGITUDE	81° 47' 4.	.34"	(103) TEMPORARY STRUCTURI	Ξ	
(98) BORDER BRIDGE STATE CODE PERCENT SH	HARED		(110) DESIGNATED NATIONAL	NETWORK - on national network for trucks	
(99) BORDER BRIDGE STRUCTURE NUMBER			(20) TOLL	On Free Road	
STRUCTURE TYPE AND MATERIAL			(21) MAINT -		0
(43) STRUCTURE TYPE MAIN	Conci	rete	(22) OWNER -		0
TYPE Tee Beam	CODE	104	(37) HISTORICAL SIGNIFICANCI	Ε-	
(44) STRUCTURE TYPE APPROACH				CONDITION	CODE
ТҮРЕ	CODE		(58) DECK		
(45) NUMBER OF SPANS IN MAIN UNIT		4	(59) SUPERSTRUCTURE		
(46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE		
(107) DECK STRUCTURE TYPE	CODE	1	(61) CHANNEL & CHANNEL PRO	DTECTION	
(108)WEARING SURFACE/PROTECTIVE SYSTEM			(62) CULVERTS		
(A) TYPE OF WEARING SURFACE	CODE	6.	LOAD F	RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE	CODE	0	(31) DESIGN LOAD	HS 15	
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING METH	IOD - Load Factor	
AGE AND SERVICE			(64) OPERATING RATING -	HS-29	5
(27) YEAR BUILT	1	956	(65) INVENTORY RATING METH	OD -	
(106) YEAR RECONSTRUCTED		0	(66) INVENTORY RATING	HS-17	3
(42) TYPE OF SERVICE ON - O	verpass Struct	ture	(70) BRIDGE POSTING	No Posting Required	
OFF - Highway	CODE	61	(41) STRUCTURE OPEN, POSTE	ED, OR CLOSED	
(28) LANES ON STRUCTURE 2 LANES UNDER STRUC	CTURE	4	DESCRIPTION	Open, no restriction	
(29) AVERAGE DAILY TRAFFIC	2	200		APPRAISAL	CODE
(30) YEAR OF ADT 2016 (109) TRUCK ADT PCT	Г	7	(67) STRUCTURAL EVALUATION	N	
(19) BYPASS OR DETOUR LENGTH		4.0	(68) DECK GEOMETRY		
GEOMETRIC DATA			(69) UNDERCLEARANCES, VER	T & HORIZ	
(48) LENGTH OF MAXIMUM SPAN	5	53.0	(71) WATERWAY ADEQUACY		
(49) STRUCTURE LENGTH		09.0	(72) APPROACH ROADWAY ALI	GNMENT	
(50) CURB OR SIDEWALK: LEFT 1.7 RIGHT (51) BRIDGE ROADWAY WIDTH, CURB TO CURB		1.7 28.0	(36) TRAFFIC SAFETY FEATURE	ES	011
(52) DECK WIDTH OUT TO OUT		33.5	(113) SCOUR CRITICAL BRIDGE	S	
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)	2	27.0	PROPO	DSED IMPROVEMENTS	
(33) BRIDGE MEDIAN No median C	CODE	0	(75) TYPE OF WORK	COI	DE
(34) SKEW 0 (35) STRUCTURE FLARED (10) INVENTORY ROUTE MIN VERT CLEAR	00	0 99.9	(76) LENGTH OF STRUCTURE II	MPROVEMENT	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		99.9 28.0	(94) BRIDGE IMPROVEMENT CO	DST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY		99.9	(95) ROADWAY IMPROVEMENT	COST	
(54) MIN VERT UNDERCLEAR: REFERENCE H	1	15.4	(96) TOTAL PROJECT COST		
. ,		12.0	(97) YEAR OF IMPROVEMENT C	COST ESTIMATE	
(56) MIN LAT UNDERCLEARANCE LT:	1	13.8	(114) FUTURE ADT	4,400 YEAR OF FUTURE ADT	204
NAVIGATION DATA					
(38) NAVIGATION CONTROL -	CODE	Ν	(90) INSPECTION DATE	09/23 (91) FREQUENCY	2
(111) PIER PROTECTION	CODE		(92) CRITICAL FEATURE INSPE		TE
(39) NAVIGATION VERTICAL CLEARANCE		0.0	A) FRACTURE CRIT DETA	IL A)	
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR		0.0	B) UNDERWATER INSP	B)	
(40) NAVIGATION HORIZONTAL CLEARANCE		0.0	C) OTHER SPECIAL INSP	C)	

Span Number	⁻ acility 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 Traffic	Total Horizontal Clearance	Reference Feature	Minimum Vertical Underclearance	Ø	Left Lateral Underclearance		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	I 40 E	11000400	15.3	97.7	1	10040	11	2	15750	2015	44.3	н	15.1	12.8	12.5	4		1		
2	I 40 E	11000400	15.3	97.7	1	10040	11	2	15750	2015	44.3	н	15.1	12.8	12.5	4	1	1		
3	I 40 W	11000400	15.7	97.7	1	10040	11	2	15750	2015	43.5	н	15.4	12.0	13.8	4	1	1		
3	I 40 W	11000400	15.7	97.7	1	10040	11	2	15750	2015	43.5	н	15.4	12.0	13.8	4		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

Skew 90.000

Span Length 47.000

Span Number 1

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1481	Square Feet		
4	Fixed Bearing	Fixed Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
4	Movable Bearing	Movable Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
1	Epoxy Wearing Surface	Wearing Surface	1316	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	94	Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	184	Feet		
Span Nu	imber <u>2</u> Sp	an Length 54.000		Sk	iew 90.000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	108	Feet		
1	Asphalt Wearing Surface	Wearing Surface	1512	Square Feet		
4	Movable Bearing	Movable Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
1	Standard Joint	Pourable Joint Seal	30	Feet		
4	Fixed Bearing	Fixed Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1701	Square Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	216	Feet		
Span Nu	ımber <u>3</u> Sp	an Length <u>54.000</u>		Sk	iew 90.000	1

Number Quantity (Sq Ft) of Items **Type of Component Element Name** Quantity **Protective System Applied** 1 Reinforced Concrete Deck Reinforced Concrete Deck 1701 Square Feet 1 Standard Joint Pourable Joint Seal 30 Feet 2 Concrete Railing Reinforced Concrete Bridge 108 Feet Railing Legacy Red Lead Primer Systems with Various Topcoats 4 Movable Bearing Movable Bearing 4 Each 4

Superstructure Build Details

4	Fixed Bearing	Fixed Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	216	Feet		
1	Asphalt Wearing Surface	Wearing Surface	1512	Square Feet		
Span Number 4 Span Length 54.000				Sk	ew 90.000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	212	Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		
4	Movable Bearing	Movable Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1701	Square Feet		
4	Fixed Bearing	Fixed Bearing	4	Each	Legacy Red Lead Primer Systems with Various Topcoats	4
1	Asphalt Wearing Surface	Wearing Surface	1512	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	108	Feet		

Structure Element Scoring

Structure Number: 110095

Inspection Date 9/5/2023

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	6,584	4,981	1,600	3	0
110		Reinforced Concrete Open Girder/Beam	Beam	828	567	252	9	0
205		Reinforced Concrete Column	Piles and Columns	6	0	4	2	0
215		Reinforced Concrete Abutment	Abutments	90	90	0	0	0
220		Reinforced Concrete Pile Cap/Footing	Footing	15	15	0	0	0
226		Prestressed Concrete Pile	Piles and Columns	5	5	0	0	0
227		Reinforced Concrete Pile	Piles and Columns	5	5	0	0	0
234		Reinforced Concrete Pier Cap	Caps	163	86	49	22	6
301		Pourable Joint Seal	Expansion Joints	90	90	0	0	0
311		Movable Bearing	Bearing Device	16	0	13	3	0
515	311	Steel Protective Coating	Bearing Device	16	0	0	0	16
313		Fixed Bearing	Bearing Device	16	3	12	1	0
515	313	Steel Protective Coating	Bearing Device	16	0	3	0	13
331		Reinforced Concrete Bridge Railing	Bridge Rail	418	398	19	1	0
510		Wearing Surface	Wearing Surfaces	5,852	3,749	825	1,018	260

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 110095

Inspection Date: 09/05/2023

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	3 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	1600 Square Feet
3306	Reinforced Concrete Open Girder/Beam	Cracking (RC and Other)	210 Feet
3306	Reinforced Concrete Open Girder/Beam	Delamination/Spall	8 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	5 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	37 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	20 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	6 Feet
3334	Movable Bearing	Corrosion	1 Each
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	3 Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	683 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	750 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	3 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	29 Square Feet

Element Structure Maintenance Quantities

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3306	Maintenance Concrete Superstructure Components	-	828	0.000	· · · ·	252.000	567.000
Bearing Device	3334	Bridge Bearing	1	16	0.000	3.000	13.000	0.000
Bearing Device	3334	Bridge Bearing	0	16	0.000	1.000	12.000	3.000
Bearing Device	3342	Clean and Paint Steel	16	16	16.000	0.000	0.000	0.000
Bearing Device	3342	Clean and Paint Steel	16	16	13.000	0.000	3.000	0.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	3	418	0.000	1.000	19.000	398.000
Deck	3326	Maintenance of Concrete Deck	1603	6584	0.000	3.000	1600.000	4981.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	90	0.000	0.000	0.000	90.000
Wearing Surfaces	2816	Asphalt Surface Repair	1373	4536	260.000	980.000	825.000	2471.000
Wearing Surfaces	2816	Asphalt Surface Repair	60	1316	0.000	38.000	0.000	1278.000
Abutments	3350	Maintenance of Concrete Wings and Wall	0	90	0.000	0.000	0.000	90.000
Caps	3348	Maintenance of Concrete Substructure	58	163	6.000	22.000	49.000	86.000
Footing	3348	Maintenance of Concrete Substructure	0	15	0.000	0.000	0.000	15.000
Piles and Columns	3348	Maintenance of Concrete Substructure	0	5	0.000	0.000	0.000	5.000
Piles and Columns	3348	Maintenance of Concrete Substructure	0	5	0.000	0.000	0.000	5.000
Piles and Columns	3348	Maintenance of Concrete Substructure	5	6	0.000	2.000	4.000	0.000

Element Condition and Maintenance Data

	nber: <u>110095</u>					111	spection Date: 09/05/	2023
Span 1	I	Beam 1						
Reinfo	rced Concrete	Girder						
Elemer Numbe	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	46	28	18	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
110 Cr	racking (RC and ther)	SPAN 1 BEAM HAS SCATTERED CF			2	18	18 Feet	
Gei	neral Comments							
Span 1	I	Beam 2						
Reinfo	rced Concrete	Girder						
Elemen Numbe 110	er	Element Name ced Concrete Open Girder/Beam	Total Qty 46	CS1 Qty 31	CS2 Qty 15	CS3 Qty 0	CS4 Qty 0 Feet	
Element					• •		Maint	
Number	Defect Type racking (RC and ther)	Defect Descript SPAN 1 BEAM HAS SCATTERED CF			CS 2	CS Qty 15	Qty 15 Feet	
Gei	neral Comments							-
Span 1	I	Beam 3						
Reinfo	rced Concrete	Girder						
		•						
Elemen Numbe 110	er	Element Name ced Concrete Open Girder/Beam	Total Qty 46	CS1 Qty 31	CS2 Qty 15	CS3 Qty 0	CS4 Qty 0 Feet	
Numbe 110 Element	e r Reinfor	Element Name ced Concrete Open Girder/Beam	Qty 46	Qty	Qty 15	Qty 0	Qty 0 Feet Maint	
Numbe 110 Element Number 110 Cr	er	Element Name	Qty 46 ion	Qty	Qty	Qty	Qty 0 Feet	_
Numbe 110 Element Number 110 Cr Ot	r Reinfor Defect Type racking (RC and	Element Name ced Concrete Open Girder/Beam Defect Descript SPAN 1 BEAM HAS SCATTERED CF	Qty 46 ion	Qty	Qty 15 CS	Qty 0 CS Qty	Qty 0 Feet Maint Qty	
Numbe 110 Element Number 110 Cr Ot	Pr Reinfor Defect Type racking (RC and ther) neral Comments	Element Name ced Concrete Open Girder/Beam Defect Descript SPAN 1 BEAM HAS SCATTERED CF	Qty 46 ion	Qty	Qty 15 CS	Qty 0 CS Qty	Qty 0 Feet Maint Qty	
Number 110 Element Number 110 Cr Ot Ger Span 1	Pr Reinfor Defect Type racking (RC and ther) neral Comments	Element Name ced Concrete Open Girder/Beam Defect Descripti SPAN 1 BEAM HAS SCATTERED CF	Qty 46 ion	Qty	Qty 15 CS	Qty 0 CS Qty	Qty 0 Feet Maint Qty	
Number 110 Element Number 110 Cr Ot Ger Span 1 Reinfo Elemen Number	Prevention Reinfor Defect Type racking (RC and ther) neral Comments	Element Name ced Concrete Open Girder/Beam Defect Descripti SPAN 1 BEAM HAS SCATTERED CF Beam 4 Girder Element Name	Qty 46 ion RACKS. Total Qty	Qty 31	Qty 15 CS 2 CS2 Qty	Qty 0 CS Qty 15 CS3 Qty	Qty 0 Feet Maint Qty 15 Feet CS4 Qty	
Number 110 Element Number 110 Cr Ot Ger Span 1 Reinfo Elemen	Prevention Reinfor Defect Type racking (RC and ther) neral Comments	Element Name ced Concrete Open Girder/Beam Defect Descript SPAN 1 BEAM HAS SCATTERED CF Beam 4	Qty 46 ion RACKS.	Qty 31	Qty 15 CS 2 CS2	Qty 0 CS Qty 15 CS3	Qty 0 Feet Maint Qty 15 Feet CS4 Qty 0 Feet	_
Number 110 Element Number 110 Cr Ot Ger Span 1 Reinfo Elemen Number	Prevention Reinfor Defect Type racking (RC and ther) neral Comments	Element Name ced Concrete Open Girder/Beam Defect Descripti SPAN 1 BEAM HAS SCATTERED CF Beam 4 Girder Element Name	Qty 46 ion RACKS. Total Qty 46	Qty 31	Qty 15 CS 2 CS2 Qty	Qty 0 CS Qty 15 CS3 Qty	Qty 0 Feet Maint Qty 15 Feet CS4 Qty	
Number 110 Element Number 110 Cr Ot Ger Span 1 Reinfo Element Number 110 Cr	Pr Reinfor Defect Type racking (RC and ther) neral Comments I prced Concrete ot pr Reinfor	Element Name ced Concrete Open Girder/Beam Defect Descripti SPAN 1 BEAM HAS SCATTERED CF Beam 4 Girder Element Name ced Concrete Open Girder/Beam	Qty 46 ion RACKS. Total Qty 46 ion	Qty 31	Qty 15 2 2 CS2 Qty 20	Qty 0 CS Qty 15 CS3 Qty 0	Qty 0 Feet Maint Qty 15 Feet CS4 Qty 0 Feet Maint	

Span 1

Fix	ed Bearing						
Element Number		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	0	0	1 Square Feet
Eleme Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty
313	Corrosion	active surface corrosion [no secti	on loss noted]		2	1	Each
515	Effectiveness (Steel Protective Coatings)				4	1	1 Square Feet
	General Comments						

General Comments

.

Far Bearing 1

Movable Bearing

CS4 Element Total CS1 CS2 CS3 Number **Element Name** Qty Qty Qty Qty Qty 0 Each 311 Movable Bearing 0 0 1 1 **Steel Protective Coating** 0 0 0 515 1 1 Square Feet Element Maint Defect Type **Defect Description** CS CS Qty Number Qty active surface corrosion [no section loss noted] 2 311 Corrosion 1 Each 515 Effectiveness (Steel **1 SF OF FAILED COATING** 4 1 1 Square Feet Protective Coatings) **General Comments**

Span 1

Near Bearing 2

Fixed Bearing

Elemen Numbe 313		ent Name	Total Qty 1	CS1 Qty 1	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Co	pating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
515 P€	eeling/Bubbling/Crack PROTE	IN		2	1	-	1 Square Feet	

ing (steel Protective SCATTERED LOCATIONS. Coatings)

General Comments

Span 1

Far Bearing 2

Movable Bearing

Elem		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Moval	Movable Bearing			1	0	0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Element Number	Dofact Type	Defect Type Defect Description			CS	CS Qty	Maint Qty	:
311	Corrosion	active surface corrosion [no sect	on loss noted]		2	1	-	Each

515 Effectiveness (Steel Protective Coatings)

General Comments

1 SF OF FAILED COATING

Spa	in 1	N	lear Bearing 3						
Fixe	ed Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing		1	1	0	0	0	Each
515	Steel F	rotective Coating		1	0	1	0	0	Square Feet
Elemen Numbe			Defect Description			cs	CS Qty	Maint Qty	
515	Peeling/Bubbling/Cra ing (steel Protective Coatings)	CK PROTECTIVE COAT				2	1		1 Square Feet
-	General Comments								
Spa	ın 1	F	ar Bearing 3						
-	able Bearing								
	ment			Total	CS1	CS2	CS3	CS4	
	nber	Element Name		Qty	Qty	Qty	Qty	Qty	
311		e Bearing		1	0	1	0		Each
515	Steel F	rotective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Defect Tune		Defect Description			CS	CS Qty	Maint Qty	
311	Corrosion	active surface corrosi	on [no section loss no	ted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED CO	ATING			4	1		1 Square Feet
-	General Comments								
Spa	in 1	Ν	lear Bearing 4						
•	ed Bearing		bui bouing 4						
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing		1	0	0	1	0	Each
515	Steel F	rotective Coating		1	0	0	0	1	Square Feet
Elemen Numbe			Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosic plate and bolt	on [section loss up to	1/4"] on		3	1		Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED CO	ATING			4	1		1 Square Feet
-	General Comments								

1 1 Square Feet

4

Span 1

Movable	Bearing
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Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311 Movable Bearing			1	0	1	0	0	Each
515 Steel Pro		otective Coating	1 0		0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311 (Corrosion	active surface corrosion [no secti	on loss noted]		2	1		Each
	Effectiveness (Steel 1 SF OF FAILED COATING Protective Coatings)				4	1		Square Feet

General Comments

Span 1

Wearing Surface

Epoxy Wearing Surface

Element Number 510 Wearing		Element Name Surface	ent Name Total CS1 Qty Qty 1,316 1,278		CS2 Qty 0	CS3 Qty 38	CS4 Qty 0 Square Feet
Elemen Numbe	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty
510	Crack (Wearing Surface)	28' X UP TO 1/4" TRANSVERSE CRAC BENT 1	K OVER EN	D	3	28	Square Feet
510	Patched Area/Pothole (Wearing Surface)	South bound lane at 15' from end bent 1, broken and depressed asphalt [40" x 30"]		1	3	10	60 Square Feet
	General Comments						

Span 2

Deck

Reinforced	Concrete Deck
I CHINOLCEU	

Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
12	Reinfor	ced Concrete Deck	1,701	898	800	3	0 S	quare Feet	
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty		
12	Delamination/Spall	BOTTOM OF DECK BAY 2 OV CRACK AND DELAMINATED/s deep] WITH IN PLACE FORM \	pall [5" x 3" x 1/4"		3	3	3	Square Feet	
12	Cracking (RC and Other)	thoughout underside, multiple tr [hairline x up to 6.5'] with efflore			2	800	800	Square Feet	

General Comments

Span 2									
Standar	d Joint								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable	Joint Seal		30	30	0	0	0 Feet	
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
301 Debr	ris Impaction	DEFECT NOT FOU	JND 08/06/2019			1		Feet	

Span 2

Beam 1

Reinforced Concrete Girder

Elen Num		er Element Name			CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	54	22	30	2	0 F	eet
Elemen Number	Dofact Type	Defect Description			CS	CS Qty	Maint Qty	
110	Delamination/Spall	3.' X UP TO 10" X 8" SPALL WITH EXP REINFORCING BENT 1 DIAPHRAGM E			3		4	Feet
110	Delamination/Spall	in patched area over right East bound la x 3" x 1" deep]	ne, spall [14"		3	2	2	Feet
110	Cracking (RC and Other)	SPAN 2 BEAM HAS SCATTERED CRA	CKS.		2	20	20	Feet
110	Patched Area	1.583' LONG X 3" HIGH X 3" PATCHED FACE AT BENT 1	AREA WEST		2	2		Feet
110	Patched Area	10' X 18" PATCHED AREA EXTENDING EAST AND WEST FACES NEAR MIDSI			2	8		Feet

General Comments

Span 2

Beam 2

Reinforced Concrete Girder

	ment nber Reinfore	Element Name ced Concrete Open Girder/Beam	Total Qty 54	CS1 Qty 43	CS2 Qty 10	CS3 Qty 1	CS4 Qty 0 F	Feet
Elemen Numbe	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
110	Delamination/Spall	SPALL WITH EXPOSED REINFORCIN AT END BENT 1 AREA IS: 8" x 16" x 1,		Ē	3	1	1	Feet
110	Cracking (RC and Other)	SPAN 2 BEAM HAS SCATTERED CRA	CKS.		2	10	10	Feet

Spa	an 2	Beam 3						
Rei	inforced Concrete	Girder						
Nu	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	54	38	15	1	0 Feet	
Eleme Numbe	Dofact Type	Defect Description	on		CS	CS Qty	Maint Qty	
<u> </u>	Damage	6" LONG X 5" WIDE X 1" DEEP SPAL BOTTOM CORNER OF THE LEFT FA IMPACT DAMAGE AT 19.167" FROM END OF THE SPAN.	CE DUE TO		3	1	Feet	
<u> </u>	Cracking (RC and Other)	SPAN 2 BEAM HAS SCATTERED CR	ACKS.		2	15	15 Feet	
	General Comments							

Span 2

Reinforced Concrete Girder

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	rced Concrete Open Girder/Beam	54	25	26	3	0 Feet	
Elemen Number	Defect Type	Defect Descript	tion		CS	CS Qty	Maint Qty	
110	Cracking (RC and Other)	at both ends of repaired section, long [up to 15" x 1/16"]	itudinal cracks		3	3	3 Feet	
110	Cracking (RC and Other)	SPAN 2 BEAM HAS SCATTERED Cl height x up to 1/32"]	RACKS [up to full		2	20	20 Feet	
110	Patched Area	6' X 18" PATCHED AREA EXTENDIN EAST AND WEST FACES NEAR MI			2	6	Feet	

General Comments

Span 2

Left Bridge Rail

Concrete Railing

Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	54	53	1	0	0	Feet
Element Number	Defect Type	Defect Descri	otion		CS	CS Qty	Maint Qty	
331 De	elamination/Spall	at far end, spall [4" x 2" x 1/2" deep] rusted reinforcing [no section loss no			2	1		1 Feet

General Comments

Spa	an 2		I	Near Bearing 1						
Fixe	ed Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct 7	Туре		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion		active surface corros	ion [no loss noted]			2	1	-	Each
515	Effectiveness Protective Co		1 SF OF FAILED CC	DATING			4	1		1 Square Feet
	General Com	nents								

Span 2

Far Bearing 1

Movable Bearing

Elen Num 311	nber	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element	Dofact Type	Defect Description			CS	CS Qty	Maint Qty	
							-	
311	Corrosion	active surface corrosion [no loss noted]			2	1		Each

General Comments

Spa	an 2	Near Bearing 2						
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Trues	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no loss noted]			2	1	2	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
	General Comments							
<u>Cura</u>	General Comments							
Spa	General Comments	Far Bearing 2						
-	General Comments	Far Bearing 2						
Mov	General Comments	Far Bearing 2 Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
Mov	General Comments an 2 vable Bearing ment mber						Qty	
Mov Eler Nur	General Comments an 2 vable Bearing ment mber Movable	Element Name	Qty	Qty	Qty	Qty	Qty 0	
Mov Eler Nur 311	General Comments an 2 vable Bearing ment mber Movable Steel Pr	Element Name e Bearing	Qty 1	Qty 0	Qty 1	Qty 0	Qty 0	Each
Mov Eler Nur 311 515 Elemen	General Comments an 2 vable Bearing ment mber Movable Steel Pr	Element Name e Bearing rotective Coating	Qty 1	Qty 0	Qty 1 0	Qty 0 0	Qty 0 1 Maint	Each

General Comments

Span 2

Near Bearing 3

Fixed Bearing

	U							
	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 Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no loss noted]			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
	General Comments							

Span 2

M	0\	/ab	le	Be	a	rin	g
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Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pre	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
311 (Corrosion	active surface corrosion [no loss noted]			2	1		Each
	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet

General Comments

Spa	an 2	Ν	lear Bearing 4					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fi	ixed Bearing	1	0	1	0	0	Each
515	S	teel Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Tv	ре	Defect Description		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corros	ion [no loss noted]		2	1		Each
515	Effectiveness (S Protective Coat		ATING		4	1		1 Square Feet
	General Comme	ents						

Far Bearing 4

Movable Bearing

Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	Bearing	1	0	1	0	0 Each
515	Steel Pro	otective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
311 (Corrosion	active surface corrosion [no loss noted]			2	1	Each
	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1	1 Square Feet

General Comments

Span 2

Wearing Surface

Asphalt Wearing Surface

Elen Num 510		Element Name Surface	Total Qty 1,512	CS1 Qty 652	CS2 Qty 500	CS3 Qty 360	CS4 Qty 0	Square Feet
Element Number	Dofoot Tymo	Defect Des	scription		CS	CS Qty	Maint Qty	
510	Patched Area/Pothole (Wearing Surface)	along both lanes, multiple areas depressed asphalt [up to 9' x 5'] asphalt			3	250	250	Square Feet

ructure	Number: <u>110095</u>					In	spection Date: 09/05/2023
510	Patched Area/Pothole (Wearing Surface)	UP TO 4' X 5' CRACKED PATCHED 1/4" NEAR BENT 1	AREAS UP TO		3	110	110 Square Feet
510		WEARING SURFACE HAS SCATTE PATCHED AREAS WITH SOME MA			2	500	Square Feet
	General Comments						
Sné	an 3	Expansion Jo	vint 2				
-	andard Joint		/int 2				
	ement		Total	CS1	CS2	CS3	CS4
Nu 301	imber Pourable	Element Name	Qty 30	Qty 30	Qty 0	Qty 0	Qty 0 Feet
Eleme	nt						Maint
Numbe	Defect Turne	Defect Descrip DEFECT NOT FOUND 08/06/2019	tion		CS 1	CS Qty	Qty Feet
	·				1		
	General Comments						
Spa	an 3	Deck					
Rei	inforced Concrete	Deck					
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2	CS3	CS4
12		ed Concrete Deck	•	1,101	Qty 600	Qty 0	Qty 0 Square Feet
Eleme	Dofact Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
]12	Cracking (RC and Other)	thoughout underside, multiple transve [hairline x up to 6.5'] with efflorescend	erse cracks		2	600	600 Square Feet
	General Comments	[namine x up to 6.5] with emorescent					
-	an 3	Beam 2					
	inforced Concrete	Girder					
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforc	ed Concrete Open Girder/Beam	54	53	0	1	0 Feet
Eleme Numbe		Defect Descrip	tion		cs	CS Qty	Maint Qty
]110	Delamination/Spall	West face over bent 3, delamination/s up to 1" deep] with exposed rusted re section loss] and associated vertical o x hairline]	einforcing [10%		3	1	1 Feet
	General Comments						
6	on 2	Doom 4					
-	an 3 inforced Concrete	Beam 4 Girder					
Rel	ement		Total	004	000	000	CS4
Fle			LOTAL	CS1	CS2	CS3	CS4

110	Reinfor	ced Concrete Open Girder/Beam	54	53	0	1	0 Feet	
Eleme Numbe		Defect Description			CS	CS Qty	Maint Qty	
<u> </u>	Cracking (RC and Other)	West face over bent 3, vertical crack [full h	neight x		3	1	1 Feet	
	General Comments							_

Span 3

Right Bridge Rail

Concrete Railing

Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	54	53	1	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
331 D	elamination/Spall	at midspan, spall [5" x 4" x 3/4" deep]			2	1	1 Feet	

General Comments

Spa	an 3		Near Bearin	g 1					
Fix	ed Be	earing							
	ement 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	0	0	1	Square Feet
Elemer Numbe		Defect Type	Defect Descr	ption		CS	CS Qty	Maint Qty	
313	Corr	osion	active surface corrosion [no loss no	ted]		2	1	-	Each
515		ctiveness (Steel ective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
	Gene	ral Comments							

Far Bearing 1 Span 3 **Movable Bearing** CS2 CS3 CS4 Element Total CS1 Number **Element Name** Qty Qty Qty Qty Qty 311 Movable Bearing 0 1 0 0 Each 1 515 Steel Protective Coating 1 0 0 0 1 Square Feet Maint Element CS Qty **Defect Type Defect Description** cs Number Qty 2 311 Corrosion active surface corrosion [no loss noted] Each 1 Effectiveness (Steel **1 SF OF FAILED COATING** 1 515 4 1 Square Feet Protective Coatings) **General Comments**

Span 3

Near Bearing 2

Fixed Bearing

Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pre	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no loss noted]			2	1		Each
	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet

Elen	nent	Element Name	Total	CS1	CS2	CS3	CS4
			Qty	Qty	Qty	Qty	Qty
311	IVIOVADIE	Bearing	1	0	1	0	0 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Elemen Number	Dofact Type	Defect Description			CS	CS Qty	Maint Qty
311	Corrosion	active surface corrosion [no loss noted]			2	1	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1	1 Square Feet
-	General Comments						

Spa	an 3	Near Bearing 3					
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 Pr	otective Coating	1	0	0	0	1 Square Feet
Elemer Numbe	Dofact Type	Defect Description			CS	CS Qty	Maint Qty
313	Corrosion	active surface corrosion [no loss noted]			2	1	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1	1 Square Feet
	General Comments						

Spa	an 3	Far Bearing 3					
Мо	vable Bearing						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movabl	e Bearing	1	0	1	0	0 Each
515	Steel P	rotective Coating	1	0	0	0	1 Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty
311	Corrosion	active surface corrosion [no loss noted]			2	1	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1	1 Square Feet
	Conorol Commonto						

Span 3		Near Bearing 4						
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	0	0	1	Square Feet
lement	Defect Type	Defect Description			CS	CS Qty	Maint	

Structure	Number: <u>110095</u>			Ins	pection Date: 09/05/2023
313	Corrosion	active surface corrosion [no loss noted]	2	1	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING	4	1	1 Square Feet

General Comments

Spa	in 3	Far Bearing	g 4					
Моу	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	active corrosion with section loss	[up to 1/16"]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
	General Comments							

General Comments

Span 3

Wearing Surface

Asphalt Wearing Surface

	nent nber Wearing	Element Name Surface	Total Qty 1,512	CS1 Qty 992	CS2 Qty 300	CS3 Qty 20	CS4 Qty 200 S	Square Feet
Elemen Numbe	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
510	Patched Area/Pothole (Wearing Surface)	[PAR] previous PAR repair has failed, m broken and depressed ashpalt [up to 8' > areas of missing asphalt			4	200	200	Square Feet
510	Patched Area/Pothole (Wearing Surface)	[PAR] Southbound lane at 10' from bent PAR repair has failed, broken and depre [8' x 3']	· •		3	20	3	Square Feet
510	Crack (Wearing Surface)	WEARING SURFACE HAS SCATTERE TRANSVERSE/MAP AND LONGITUDIN CRACKING UP TO 1/4".	_		2	150	150	Square Feet
510	Patched Area/Pothole (Wearing Surface) General Comments	WEARING SURFACE HAS SCATTERE AREAS, PATCHES APPEAR TO BE SC			2	150		Square Feet

Spar	n 4	Deck					
Rein	forced Concrete	Deck					
Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinfor	ced Concrete Deck	1,701	1,501	200	0	0 Square Feet
Element Number	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty
12	Cracking (RC and Other)	SPAN 4 BOTTOM OF DECK HAR CRACKS WITH SOME EFFLOR			2	200	200 Square Feet

Span 4	•	Expansion Joir	nt 3					
-	ard Joint							
Element	t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	30	30	0	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
	ebris Impaction	DEFECT NOT FOUND 08/06/2019			1		Feet	
Gen	neral Comments							
Span 4	ŀ	Beam 1						
Reinfor	rced Concrete	Girder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	53	23	30	0	0 Feet	
Element	Defect Type	Defect Descriptic	'n		CS	CS Qty	Maint Qty	
Number	Defect Type	Derect Description	//i					
] 110 Cra	acking (RC and her)	along length of beam, scattered vertica wraparound cracks [hairline]			2	30	Feet	
] 110 Cra Oth	acking (RC and	along length of beam, scattered vertica			2	30	-	
] 110 Cra Oth Gen	acking (RC and her) neral Comments	along length of beam, scattered vertica wraparound cracks [hairline]			2	30	-	-
110 Cra Ott Gen Span 4	acking (RC and her) heral Comments	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2			2	30	-	_
110 Cra Ott Gen Span 4 Reinfor	acking (RC and her) heral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2	l and				Feet	
110 Cra Ott Gen Span 4	acking (RC and her) heral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2	l and	CS1 Qtv	CS2	CS3	Feet CS4	
110 Cra Ott Gen Span 4 Reinfor Element	acking (RC and her) heral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder	l and	CS1 Qty 33			Feet	_
110 Cra Ott Gen Span 4 Reinfor Element Number	acking (RC and her) heral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name	Total Qty 53	Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra	acking (RC and her) neral Comments r rced Concrete t r Reinfor	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam	Total Qty 53	Qty	CS2 Qty 20	CS3 Qty 0	Feet CS4 Qty 0 Feet Maint	_
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ottract Ottract Ottract	acking (RC and her) neral Comments rced Concrete at r Reinfor Defect Type acking (RC and	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica	Total Qty 53	Qty	CS2 Qty 20 CS	CS3 Qty 0 CS Qty	Feet CS4 Qty 0 Feet Maint Qty	-
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ottract Ottract Ottract	acking (RC and her) neral Comments rced Concrete tt r Reinfor Defect Type acking (RC and her) neral Comments	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica	Total Qty 53	Qty	CS2 Qty 20 CS	CS3 Qty 0 CS Qty	Feet CS4 Qty 0 Feet Maint Qty	_
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ott Gen Span 4	acking (RC and her) neral Comments rced Concrete tt r Reinfor Defect Type acking (RC and her) neral Comments	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica wraparound cracks [hairline]	Total Qty 53	Qty	CS2 Qty 20 CS	CS3 Qty 0 CS Qty	Feet CS4 Qty 0 Feet Maint Qty	_
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ott Gen Span 4 Reinfor Element	acking (RC and her) neral Comments rced Concrete t r Reinfor Defect Type acking (RC and her) neral Comments	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica wraparound cracks [hairline] Beam 3 Girder	I and Total Qty 53 Dn I and Total	Qty 33	CS2 Qty 20 CS 2	CS3 Qty 0 CS Qty 20	Feet CS4 Qty 0 Feet Maint Qty 20 Feet	
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ott Gen Span 4 Reinfor	acking (RC and her) neral Comments rced Concrete tr Reinfor Defect Type acking (RC and her) neral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica wraparound cracks [hairline]	I and Total Qty 53 I and	Qty 33	CS2 Qty 20 CS 2	CS3 Qty 0 CS Qty 20	Feet CS4 Qty 0 Feet Maint Qty 20 Feet	_
110 Cra Ott Gen Span 4 Reinfor Element Number 110 Cra Ott Gen Span 4 Reinfor Element Reinfor	acking (RC and her) neral Comments rced Concrete tr Reinfor Defect Type acking (RC and her) neral Comments rced Concrete	along length of beam, scattered vertica wraparound cracks [hairline] Beam 2 e Girder Element Name rced Concrete Open Girder/Beam Defect Description along length of beam, scattered vertica wraparound cracks [hairline] Beam 3 e Girder Element Name	I and Total Qty 53 I and I and Total Qty 53	Qty 33	CS2 Qty 20 CS 2	CS3 Qty 0 CS Qty 20 CS3 Qty	Feet CS4 Qty 0 Feet Maint Qty 20 Feet	_

Span 4

Reinforced Concrete Girder

ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Reinfor	ced Concrete Open Girder/Beam	53	25	28	0	0 Feet
Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty
Cracking (RC and Other)	along length of beam, scattered vertica wraparound cracks [hairline]	al and		2	28	28 Feet
	ber Reinfor Defect Type Cracking (RC and	ber Element Name Reinforced Concrete Open Girder/Beam Defect Type Defect Descripti Cracking (RC and along length of beam, scattered vertica	ber Element Name Qty Reinforced Concrete Open Girder/Beam 53 Defect Type Defect Description Cracking (RC and along length of beam, scattered vertical and	ber Element Name Qty Qty Reinforced Concrete Open Girder/Beam 53 25 Defect Type Defect Description Cracking (RC and along length of beam, scattered vertical and	ber Element Name Qty Qty Qty Reinforced Concrete Open Girder/Beam 53 25 28 Defect Type Defect Description CS Cracking (RC and along length of beam, scattered vertical and 2	ber Element Name Qty Qty Qty Qty Qty Reinforced Concrete Open Girder/Beam 53 25 28 0 Defect Type Defect Description CS CS Qty Cracking (RC and along length of beam, scattered vertical and 2 28

Beam 4

General Comments

n 4	Right Bridge	Rail					
crete Railing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Bridge Railing	54	36	17	1	0 F	Feet
t r Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
Delamination/Spall	at far end post, spall [7" x 2" x 1" dee	ep]		3	1	1	Feet
Patched Area	at far half, horizontal beam and post repaired	s have been		2	17		Square Feet
	crete Railing nent ber Reinford t Defect Type Delamination/Spall	crete Railing nent ber Element Name Reinforced Concrete Bridge Railing t Defect Type Defect Descrip Delamination/Spall at far end post, spall [7" x 2" x 1" der Patched Area at far half, horizontal beam and post	Crete Railing nent Element Name Total Qty Reinforced Concrete Bridge Railing 54 t Defect Type Defect Description Delamination/Spall at far end post, spall [7" x 2" x 1" deep] Patched Area at far half, horizontal beam and posts have been	Crete Railing Instruction Element Name Total Qty CS1 Qty Reinforced Concrete Bridge Railing 54 36 It Defect Type Defect Description Delamination/Spall at far end post, spall [7" x 2" x 1" deep] Patched Area at far half, horizontal beam and posts have been	Crete Railing Interference Element Name Qty Total Qty CS1 Qty CS2 Qty Reinforced Concrete Bridge Railing 54 36 17 t Defect Type Defect Description CS Delamination/Spall at far end post, spall [7" x 2" x 1" deep] 3 Patched Area at far half, horizontal beam and posts have been 2	Crete Railing International problem Element Name Reinforced Concrete Bridge Railing Total Qty Qty Qty Qty 36 CS1 Qty Qty Qty Qty 17 t Defect Type Defect Description CS CS Qty 36 CS Qty 36 17 Delamination/Spall at far end post, spall [7" x 2" x 1" deep] 3 1 Patched Area at far half, horizontal beam and posts have been 2 17	crete Railing Inent her Element Name Reinforced Concrete Bridge Railing Total Qty 54 CS1 Qty 36 CS2 Qty Qty Qty Qty Qty Qty Qty Qty Qty Qty

Spa	n 4	Near Be	earing 1					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofact Type	Defect [Description		CS	CS Qty	Maint Qty	
311	Corrosion	RUST SCALE			3	1		Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
Ī	General Comments							

Spa	an 4			Far Bearing 1						
Fixe	ed Be	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
313		Fixed E	earing		1	0	1	0	0	Each
515		Steel P	rotective Coating		1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			CS	CS Qty	Maint Qty	
313	Corr	osion	active surface rust				2	1		Each
515		ctiveness (Steel ective Coatings)	failed, no protection	n of underlying metal			4	1		1 Square Feet
	Gene	ral Comments								

Span 4

M	0	va	b	е	В	e	a	ri	n	g
---	---	----	---	---	---	---	---	----	---	---

Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
e Bearing	1	0	0	1	0 Each
rotective Coating	1	0	0	0	1 Square Feet
Defect Descript	ion		CS	CS Qty	Maint Qty
RUST SCALE			3	1	Each
1 SF OF FAILED COATING			4	1	1 Square Feet
	le Bearing Protective Coating Defect Descript RUST SCALE	Element Name Qty le Bearing 1 Protective Coating 1 Defect Description RUST SCALE	Element NameQtyQtyle Bearing10Protective Coating10Defect DescriptionRUST SCALE	Element NameQtyQtyQtyle Bearing100Protective Coating100Defect DescriptionCSRUST SCALE3	Element NameQtyQtyQtyQtyQtyle Bearing1001Protective Coating1000Defect DescriptionCSCS QtyRUST SCALE31

Spa	an 4		F	Far Bearing 2						
Fix	ed Be	earing								
	ement Imber		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	0	0	1	Square Feet
Eleme Numb		Defect Type		Defect Description			CS	CS Qty	Maint Qty	
313	Corr	osion	active surface rust				2	1		Each
515		ctiveness (Steel ective Coatings)	failed, no protection	of underlying metal			4	1		1 Square Feet
	Gene	ral Comments								

General Comments

Span 4

Near Bearing 3

Movable Bearing

	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Movable	Bearing	1	0	0	1	0	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
efect Type	Defect Description	on		CS	CS Qty	Maint Qty	
ion	active surface rust			3	1		1 Each
veness (Steel tive Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
i	Steel Pro refect Type ion veness (Steel	Movable Bearing Steel Protective Coating Pefect Type Defect Descripti ion active surface rust veness (Steel 1 SF OF FAILED COATING	Element Name Qty Movable Bearing 1 Steel Protective Coating 1 Defect Type Defect Description ion active surface rust veness (Steel 1 SF OF FAILED COATING	Element Name Qty Qty Movable Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description ion active surface rust veness (Steel 1 SF OF FAILED COATING	Element Name Qty Qty Qty Qty Movable Bearing 1 0 0 Steel Protective Coating 1 0 0 Defect Description CS ion active surface rust 3 veness (Steel 1 SF OF FAILED COATING 4	Element NameQtyQtyQtyQtyQtyMovable Bearing1001Steel Protective Coating1000refect TypeDefect DescriptionCSCS Qtyionactive surface rust31veness (Steel1 SF OF FAILED COATING41	Element NameQty </td

Span 4 Far Bearing 3 **Fixed Bearing** Total CS1 CS2 CS3 CS4 Element **Element Name** Number Qty Qty Qty Qty Qty 313 **Fixed Bearing** 0 0 Each 1 1 0 515 Steel Protective Coating 1 0 1 0 0 Square Feet Element Maint Defect Type **Defect Description** CS CS Qty Number Qty

Inspection Date: 09/05/2023

1 1 Square Feet

2

General Comments

Mov	able Bearing							
Elen Nun 311	nber	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbei	Dofoot Tuno	Defect Description	on		CS	CS Qty	Maint Qty	
311	Corrosion	active surface rust			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING			4	1		1 Square Feet
-	General Comments							

Fixed Bearing

1 1/10	a bearing							
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	active surface rust			2	1		Each
515	Effectiveness (Steel Protective Coatings)	failed, no protection of underlying metal			4	1		1 Square Feet
ī	General Comments							

Span 4

Wearing Surface

Asphalt Wearing Surface

	nent nber Wearing	Element Name Surface	Total Qty 1,512	CS1 Qty 827	CS2 Qty 25	CS3 Qty 600	CS4 Qty 60 S	quare Feet
Elemen Numbe	Dofact Type	Defect Description			CS	CS Qty	Maint Qty	
510	Patched Area/Pothole (Wearing Surface)	[PAR] WEARING SURFACE RIGHT LANE END BENT 2. HAS A PATCHED AREA T CRACKED/SPALLED AND DELAMINATE UP TO 6' DIAMETER FULL DEPTH POTH OVERALL AREA IS: 72" x 72" x 2" DEEP, areas of broken and depressed asphalt	HAT IS D WITH 3 IOLE,		4	60	60	Square Feet
510	Crack (Wearing Surface)	WEARING SURFACE HAS SCATTERED TRANSVERSE/MAP AND LONGITUDINA UP TO 1/8".	L CRACKS		3	600	600	Square Feet
510	Patched Area/Pothole (Wearing Surface)	UP TO 12" X 8"FULL DEPTH POTHOLE SOUTHBOUND LANE 5' FROM BENT 3 - since previous inspection TDG 08/25/2021			2	5		Square Feet

20

2

Square Feet

	General Comments
	(Wearing Surface)
510	T atoneu Area/T otro

	d Bent 1 nforced Concrete	Cap 1 Pier Cap						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234		ced Concrete Pier Cap	38	32	6	0	0 F	eet
Elemer Numbe		Defect Des	cription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	AREA OF MAP CRACKING 20" ON TOP AND NORTH FACE IN			2	6		Feet
	General Comments							
Ber	nt 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	29	10	0	14	5 F	eet
Elemer Numbe	Defect Turne	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	[PAR] at top and North face in ba delamination/spall [7' X full width with exposed rusted reinforcing [u loss]	X up to 8" deep]		4	5	5	Feet
234	Cracking (RC and Other)	SCATTERED CRACKS througho 1/8" SOME WITH EFFLORESCE STAINS.			3	6	6	Feet
234	Delamination/Spall	North face below beam 3, delami full height]	nation [20" x up to		3	2	2	Feet
234	Delamination/Spall	NORTH FACE, BAY 1. CRACK AREA IS: FROM TOP EDGE DO DEEP.			3	6	6	Feet
234	Cracking (RC and Other)	DUPLICATE			1			Feet
	General Comments							
Ber	nt 1	Pile 1						

Reinforced Concrete Column

	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	Each
Elemen Numbe	Dofoot Typo	Defect I	Description		CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	Northeast corner of pile under crack [4' long x up to 1/8" wide			3	1	1	Each
205	Cracking (RC and Other)	scattered throughout all faces 1/32" wide]	, vertical cracks [up to		2			Each
	General Comments							

Bent 1

Reinforced Concrete Column

nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Column	1	0	1	0	0 Each	
t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
Cracking (RC and Other)	on East and West faces at top of hairline vertical cracks	pile, multiple		2	1	Each	
	Reinford t Defect Type Cracking (RC and	t Defect Type Defect Des Cracking (RC and on East and West faces at top of	Defect Type Defect Description Cracking (RC and on East and West faces at top of pile, multiple	Element Name Qty Qty Reinforced Concrete Column 1 0 Defect Type Defect Description Cracking (RC and on East and West faces at top of pile, multiple	Element Name Qty Qty Qty Qty Reinforced Concrete Column 1 0 1 Defect Type Defect Description CS Cracking (RC and on East and West faces at top of pile, multiple 2	IndexElement Name Reinforced Concrete ColumnQtyQtyQtyQtyQty101010tDefect TypeDefect DescriptionCSCS QtyCracking (RC and on East and West faces at top of pile, multiple21	Index Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Column 1 0 1 0 0 Each t Defect Type Defect Description CS CS Qty Maint Qty Cracking (RC and on East and West faces at top of pile, multiple 2 1 Each

General Comments

Bent 2

Cap 1

Pile 2

Reinforced Concrete Pier Cap

Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	234 Reinforced Concrete Pier Cap		29	13	16	0	0 Fee	et
Elemen Numbe	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
234	Efflorescence/Rust Staining	at bottom of North face under beam [20" x 6"] with rust stain and pop out	,		3	10	10 F	Feet
234	Delamination/Spall	at bottom of North face under beam [22" x 6"]	2, delamination		2	2	2 1	Feet
234	Delamination/Spall	at top of South face in bay 2, delami 21"]	nation [3-1/2' x		2	4	4 F	Feet
-	General Comments							

Bent	2
	_

Pile 1

Reinforced Concrete Column

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	1	0	0 Each
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty
205	Cracking (RC and Other)	2 - UP TO 5' X 1/32" VERTICAL C FACE NEAR BOTTOM OF CAP	RACKS ON WEST		2	1	Each

Ben Reir	t 2 nforced Concrete	Pile 2 Column						
	nent nber Reinforr	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe	t Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other) General Comments	4 - UP TO 3' X 1/32" VERTICAL AND WEST FACE NEAR BOTTO			2	1	Each	l

Enc	d Bent 2	Ca	p 1					
Rei	nforced Concrete	e Pier Cap						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfo	rced Concrete Pier Cap	38	31	7	0	0	Feet
Elemer Numbe	Defect Type	De	efect Description		CS	CS Qty	Maint Qty	
234	Delamination/Spall		ider beam 2, delamination delamination [40" x 18"] wit o 1/32"]	h	2	7		Feet
	General Comments							

Bent 3

Cap 1

Reinforced Concrete Pier Cap

Nun	Element Number Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	29	0	20	8	1	Feet
Elemen Numbe	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
234	Delamination/Spall	[PAR] on West face of cap, spall/dela 19" x up to 2" deep] with exposed rus [up to 1/32" section loss] and associa cracking	sted reinforcing		4	1	1	Feet
234	Delamination/Spall	22" x 34" x 1" SPALL WITH exposed reinforcing [up to 20% section loss] A height DELAMINATED AREA NORTI	ND 6.5' X full		3	8	8	Feet
234	Efflorescence/Rust Staining	BOTTOM OF CAP BETWEEN PILES 60" CRACKED AND DELAMINATED stain			3	10	10	Feet
234	Cracking (RC and Other)	SCATTERED vertical and longitudina 1/32"] WITH SOME efflorescence AN STAINS VISIBLE.			2	1		Feet
234	Delamination/Spall	South face under bay 2, delamination	[3.5' x 2']		2	4	4	Feet
234	Delamination/Spall	South face under bay 3, delamination	[3' x 27"]		2	3	3	Feet
234	Delamination/Spall	South face under beam 2, delaminati	on [23" x 21"]		2	2	2	Feet
-	General Comments							

General Comments

Bent	3
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Pile 1

Reinforced Concrete Column

Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	1	0	0 Each
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty
205	Cracking (RC and Other)	3 - UP TO 6' X 1/32" VERTICAL (AND WEST FACES NEAR BOTT			2	1	Each

Bent 3

Reinforced Concrete Column

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0	Each
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
2 05 Cra Oth	icking (RC and ier)	4 - UP TO 7' X 1/16" VERTICAL AND NORTH FACES NEAR BO			3	1	4	Each

Pile 2

Elements Verfied

Location Name Component	Element Name	Amount
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General Inspection Notes

Expansion Joint 1

Span 2

National Bridge and NC Inspection Items

Structure Number: 110095

Inspection Date: 09/05/2023

National Bridge Inventory Items

ltem	Grade Scale	Grade	
Item	Graue Scale	Grade	
Item 58: Deck	0 - 9 , N	9	Note:
Item 59: Superstructure	0 - 9 , N	9	Items 58
Item 60: Substructure	0 - 9 , N	8	
Item 61: Channel and Channel Protection	0 - 9 , N	N	For ove see cov
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	N	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

tems 58,59,60,62 reflect this nspection only.

or overall NBI coding grade, ee cover sheet.

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	9	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			
Scour	G, F, P, or C			
Wingwall	G, F, P, or C			
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code				

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

Inspection Information

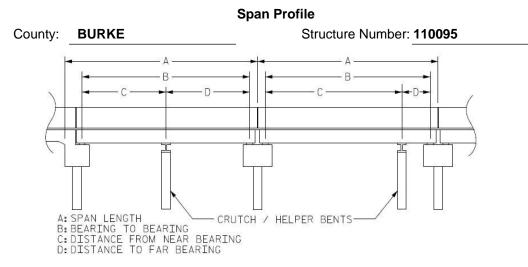
Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	N
Inspection Time	Hours	1
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Ν

National Bridge and NC SMU Inspection Item Details

Structure Number: 110095 Inspection Date: 09/05/2023
Item Grade Maint Code Qty.
Details

Structure: 110095

Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	47.000	45.167			
2	54.000	52.500			
3	54.000	52.500			
4	54.000	52.500			



span 2 vertical clearance looking East

Route Number: 11000	400	Route Na	me: I	40 E	Reference Feature:	Н		
Minimum Vertical Clearance 15.080 feet Maximum Minimum Vertical Clearance 15.2						15.280 feet		
Total Horizontal Clearance 44.290 feet Lateral Clearances: Left: 12.470 feet Ri						Right 12.820	feet	
Base Highway Network LRS Inventory Route, Sub Route Number 10040)		
Milepost: 97.690	Number	of Lanes:	2	ADT: 15750	Year of A	DT : 2015	Percentage of Trucks:	16
✓ National Highway System STRAHNET Highway Designator								
Functional Classification 11 Local Principal Arterial - Interstate Direction of Traffic: 1 1 - way traffic								



span 3 vertical clearance looking West

Route Number: 11000	Number: 11000400 Route N			40 W	Reference Feature:	Н		
Minimum Vertical Clearance 15.390 feet			Maximum Minimum Vertical Clearance 15.700 feet					
Total Horizontal Clearance 43.500 feet				Lateral Clearances: Left: 13.750 feet Right 12.000 feet				
✓ Base Highway Network LRS Inv		ventory Route, Sub Route Number 10040						
Milepost: 97.690	Number of Lanes: 2			ADT: 15750 Year of ADT: 2015		5 P	Percentage of Trucks:	16
✓ National Highway System STRAHNET Highway Designator								
Functional Classification 11 Local Principal Arterial - Interstate Direction of Traffic: 1 1 - way traffic								

Structure: 110095

Date: 09/05/2023

Structure Photos



BRIDGE IS UNDER CONSTRUCTION AND CLOSED TO TRAFFIC