ATTENTION: Prompt Action Request; Snooper

# **Structure Safety Report**

### **Routine Element Inspection - Contract**

**INSPECTION DATE**: 03/10/2022

		into Lonon D	00/10/202					
DIVISION: 4	COUNTY: NASH	STRUC	TURE NUMBER:	630029	FREG	QUENCY:	24 MONT	HS
FACILITY CARRIED	: US64ALT				MILE POST:			
LOCATION: 0.4MI.E	E. OF JCT.SR1331							
FEATURE INTERSE	CTED: TAR RIVER							
LATITUDE: 35° 55	5' 41.27"	LONGITUDE:	78° 8' 53.14"					
SUPERSTRUCTURE	E: RC DECK GIRDER	RS						
SUBSTRUCTURE:	E.BTS:RC CAP/H-PILE	S;INT.BTS:RCP&BEAM						
SPANS: 7 SPAN	S. SEE SPAN PROFIL	E SHEET FOR SPAN D	ETAILS					
FRACTURE CR	ITICAL TEMPO	RARY SHORING	SCOUR CRITIC	CAL	SCOUR	PLAN OF A	ACTION	
GRADES: (Inspecto	r/NBI Coding) DECK 7	/7 SUPERSTRUCTU	RE 5/5	SUBSTRUC	TURE 5/5	CULV	ERT N/N	N
POSTED SV: Not	Posted		POSTED TTS	T: Not Pos	ted			
OTHER SIGNS PRE	SENT: NONE							
					Sign noticed issued for	i		Number Required
					NO	WEIGH	T LIMIT	0
	TXX				NO	DELINE	ATORS	0
The state of			N Na		NO	NARROW	BRIDGE	0
					NO	ONE LANE	BRIDGE	0
THE RESERVE TO SERVE THE PARTY OF THE PARTY	i				NO	LOW CLE	ARANCE	0
					INSP	CTION OF ECTION	W-E	
			No.			ECTION ES PLANS		
Looking East								
INSPECTED BY Jonathan M. Simpson		SIGNATURE go	nather M. Simpooz	,	ASSISTED BY	J. Zach B	linson	

IDENTIFICATION —	VIKO1 3		AFFRAISAL	05/19/202
(1) STATE NAME NORTH CAROLINA BRIDGE	630029	SUFFICIENCY RATING		73.8
(8) STRUCTURE NUMBER (FEDERAL)	1270029	CTATHE		
(5) INVENTORY ROUTE (ON/UNDER) ON	122000640		CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	4	(112) NDIO BINIDOL OTOTEM		YE
(3) COUNTY CODE (FEDERAL) 127 (4) PLACE CODE	00000	(104) HIGHWAY SYSTEM	Inventory Route not on NHS	
(6) FEATURE INTERSECTED TAR RIVER (7) FACILITY CARRIED US64ALT		(26) FUNCTIONAL CLASS	Rural Major Collector	
(9) LOCATION 0.4MI.E. OF JCT.SR1331		(100) STRAHNET HIGHWAY	Not a STRAHNET Route	
(11) MILEPOINT	0.0		No parallel structure exists	
(12) BASE HIGHWAY NETWORK	0	. ,	·	
(13) LRS INVENTORY ROUTE & SUBROUTE		(103) TEMPORARY STRUCTUR	•	
(16) LATITUDE 35° 55' 41.27" (17) LONGITUDE	78° 8' 53.14"	,	. NETWORK - on national network for trucks	
(98) BORDER BRIDGE STATE CODE PERCENT SHAR (99) BORDER BRIDGE STRUCTURE NUMBER	יבט	, ,	On Free Road	
(66) 261.221. 21.12.02 61.100.01.2 1.01.12.1.		(20) TOLL	On Free Road	
STRUCTURE TYPE AND MATERIAL —		(21) MAINT -		1
(43) STRUCTURE TYPE MAIN	Concrete	,		
TYPE Tee Beam C	ODE 104	(37) HISTORICAL SIGNIFICANO	CE -	
(44) STRUCTURE TYPE APPROACH			CONDITION	CODE
TYPE C	ODE	(58) DECK		
(45) NUMBER OF SPANS IN MAIN UNIT	7	(59) SUPERSTRUCTURE		
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE		
(107) DECK STRUCTURE TYPE	ODE 1	(61) CHANNEL & CHANNEL PR	ROTECTION	
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS		
(A) TYPE OF WEARING SURFACE	ODE 6	LOAD	RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE	ODE 0	(31) DESIGN LOAD	HS 15	
(C) TYPE OF DECK PROTECTION CO	ODE 0	(63) OPERATING RATING MET	HOD - Load Factor	
AGE AND SERVICE		(64) OPERATING RATING -	HS-29	:
(27) YEAR BUILT	1952	(65) INVENTORY RATING MET	HOD -	
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING	HS-17	;
(42) TYPE OF SERVICE ON -	Highway	(70) BRIDGE POSTING	No Posting Required	
OFF - Waterway C	ODE 15	(41) STRUCTURE OPEN, POST	TED, OR CLOSED	
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTU	IRE 0	DESCRIPTION	Open, no restriction	
(29) AVERAGE DAILY TRAFFIC	2700		APPRAISAL	CODE
(30) YEAR OF ADT <b>2019</b> (109) TRUCK ADT PCT	7	(67) STRUCTURAL EVALUATION		OODL
(19) BYPASS OR DETOUR LENGTH	3.0	(68) DECK GEOMETRY		
GEOMETRIC DATA		(69) UNDERCLEARANCES, VE	RT & HORIZ	
(48) LENGTH OF MAXIMUM SPAN	44.0	,		
(49) STRUCTURE LENGTH	315.0	· /	IGNMENT	
(50) CURB OR SIDEWALK: LEFT 1.6 RIGHT	1.6			00
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	28.2			00
(52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WITH (W/ SHOULDERS)	33.5 28.0			
(33) BRIDGE MEDIAN No median COD			POSED IMPROVEMENTS	iE
(34) SKEW 15 (35) STRUCTURE FLARED	0	(10) 1112 31 W3141		'L
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	28.2			
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9		II COST	
(54) MIN VERT UNDERCLEAR: REFERENCE (55) MIN LAT UNDERCLEARANCE RT: REFERENCE  N	0.0 0.0	(66) 1617/211/66261 6661		
(56) MIN LAT UNDERCLEARANCE LT:	0.0	(97) YEAR OF IMPROVEMENT	COST ESTIMATE	
	,,,	(114) FUTURE ADT	5,400 YEAR OF FUTURE ADT	20
NAVIGATION CONTROL	ODE ^	(00) INICOCOTION DATE	INSPECTION	
	ODE 0	,	03/22 (91) FREQUENCY	75
	ODE	(92) CRITICAL FEATURE INSP	, ,	ı E
(39) NAVIGATION VERTICAL CLEARANCE	0.0			
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	B) UNDERWATER INSP	<b>60</b> B)	03/
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSF	C)	
		SCOUR		

### **Superstructure Build Details**

Span Number 1

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90 Feet		
1	Asphalt Wearing Surface	Wearing Surface	1268 Square Feet		

Span Number 2

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items	•			Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet		
1	Asphalt Wearing Surface	Wearing Surface	1268	Square Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		

Span Number  $\underline{3}$ 

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items				Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	1268	Square Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		

Span Number 4

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items		Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		

### **Superstructure Build Details**

1	Asphalt Wearing Surface	Wearing Surface	1268	Square Feet	
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet	
1	Standard Joint	Pourable Joint Seal	30	Feet	

Span Number  $\underline{5}$ 

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items			Quantity	Protective System Applied	Quantity (Sq Ft)	
1	Asphalt Wearing Surface	Wearing Surface	1268	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		

Span Number 6

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1268	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet		
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		

Span Number 7

**Span Length** <u>45.0000</u>

**Skew** 105.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	180	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1418	Square Feet		
1	Epoxy Wearing Surface	Wearing Surface	1268	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	90	Feet		

### **Superstructure Build Details**

1	Standard Joint	Pourable Joint Seal	30	Feet

## **Structure Element Scoring**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	9926	9890	24	12	0
110	0	Reinforced Concrete Open Girder/Beam	Beam	1260	470	720	63	7
205	0	Reinforced Concrete Column	Piles and Columns	12	1	2	9	0
215	0	Reinforced Concrete Abutment	Abutments	72	62	10	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	60	50	0	10	0
225	0	Steel Pile	Piles and Columns	16	16	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	236	146	59	31	0
301	0	Pourable Joint Seal	Expansion Joints	180	180	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	630	0	628	2	0
510	0	Wearing Surface	Wearing Surfaces	8876	8489	17	370	0

## **Summary of Maintenance Needs**

### Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Exposed Rebar	36 Square Feet
3306	Reinforced Concrete Open Girder/Beam	Cracking (RC and Other)	20 Feet
3306	Reinforced Concrete Open Girder/Beam	Delamination/Spall	5 Feet
3306	Reinforced Concrete Open Girder/Beam	Patched Area	12 Feet
3306	Reinforced Concrete Open Girder/Beam	Exposed Rebar	47 Feet
3348	Reinforced Concrete Column	Delamination/Spall	3 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	4 Each
3348	Reinforced Concrete Column	Exposed Rebar	33 Each
3348	Reinforced Concrete Pile Cap/Footing	Abrasion/Wear (PSC/RC)	10 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	8 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	13 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	13 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	632 Feet
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	7 Feet
2816	Wearing Surface	Crack (Wearing Surface)	461 Square Feet
2816	Wearing Surface	Delamination/Spall (Wearing Surfaces)	2 Square Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	3 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	72	0	0	10	62
Beam	3306	Maintenance Concrete Superstructure Components	80	1260	7	63	720	470
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	639	630	О	2	628	0
Caps	3348	Maintenance of Concrete Substructure	34	236	О	31	59	146
Deck	3326	Maintenance of Concrete Deck	36	9926	0	12	24	9890
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	180	О	О	О	180
Footing	3348	Maintenance of Concrete Substructure	10	60	0	10	О	50
Piles and Columns	3348	Maintenance of Concrete Substructure	40	12	0	9	2	1
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	16	0	0	0	16
Wearing Surfaces	2816	Asphalt Surface Repair	382	8876	0	370	17	8489

			,
Structure Nur	nber <u>630029</u>		
Span1			
3306	Beam 3	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 1 Beam 3: 6" LONG x 19" TALL SPALLING AND AREA OF DELAMINATION ON BEAM END OVER BENT 1, RIGHT (PAR)
Span2			
3306	Beam 4	Reinforced Co	ncrete Girder
Priority			
Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 2 Beam 4: 2 1/2" x 5" x 1/2" deep spall with exposed rebar on left side of beam at Bent 2 (PAR)
Span4			
3306	Beam 2	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	[PROMPT ACTION REQUEST] 8" x 18" x 4 1/2" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR
3306	Beam 3	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 4 Beam 3: [PROMPT ACTION REQUEST] 7" x 9" x 5" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR
Span5			
3306	Beam 1	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 5 Beam 1: [PROMPT ACTION REQUEST] 32" x 18" x 3" DEEP SPALL WITH
2	Exposed Rebar	3	EXPOSED REBAR ON BOTTOM OF GIRDER WITH 12" x 4" x 5" DEEP SPALL ON LEFT SIDE OF BEAM END AT BENT 5 WITH VOIDS RESULTING FROM POOR CONSOLIDATION. APPROXIMATELY 50% OF BEARING AREA HAS BEEN LOST. THERE IS UP TO 50% SECTION LOSS ON THE SECONDARY REINFORCING. Span 5 Beam 1: [PROMPT ACTION REQUEST] 26" x 14" x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS AROUND THE REBAR AS A RESULT OF POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP PTO 50% SECTION LOSS.
3306	Beam 2	Reinforced Co	ncrete Girder

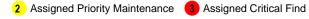
2 Assigned Priority Maintenance 3 Assigned Critical Find

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Duianitu			
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 5 Beam 2: [PROMPT ACTION REQUEST] 6" LONG x 18" TALL x 4" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 10" AREA OF PATCH ON RIGHT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS
3306	Beam 3	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 5 Beam 3: [PROMPT ACTION REQUEST] 7" LONG x 18" TALL x 5" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 20" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS
3306	Beam 4	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 5 Beam 4: [PROMPT ACTION REQUEST] 3' x 15" x 5" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT 15' FROM BENT 4, NO MEASURABLE SECTION LOSS
2	Exposed Rebar	4	Span 5 Beam 4: [PROMPT ACTION REQUEST] 3.5' x 18" x 4" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS IN THE CONCRETE RESULTING FROM POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP TO 50% SECTION LOSS.
Span6			
3306	Beam 1	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 6 Beam 1: [PROMPT ACTION REQUEST] 7" LONG x 12" TALL x 3" DEEP SPALL WITH EXPOSED REBAR ON LEFT SIDE OF BEAM END AT BENT 6, NO MEASURABLE SECTION LOSS
3306	Beam 2	Reinforced Co	ncrete Girder
Priority			
Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 6 Beam 2: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 2 1/2" DEEF SPALL WITH EXPOSED REBAR ON BOTH SIDES OF BEAM END AT BENT 6, NC MEASURABLE SECTION LOSS
3306	Beam 3	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 6 Beam 3: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 4" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON LEFT SIDE OF BEAM END AT BENT 6 AND 8" LONG x 10" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON RIGHT SIDE OF BEAM END OVER BENT 6

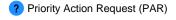


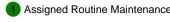


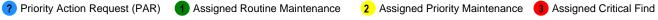


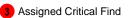
#### Structure Number 630029

Structure Nur	11Del 630029	_	
Span7			
3306	Beam 1	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 7 Beam 1: 2" x 11" x 4" deep spall with exposed rebar on left side of beam at Bent 6 (PAR)
3306	Beam 2	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 7 Beam 2: 4" LONG x 19" TALL x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON RIGHT SIDE OF BEAM END AT BENT 6 (PAR)
Bent 2			
3348	Pile 1	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	4	Bent 2 Pile 1: 44" x 9" x 8" SPALL WITH EXPOSED REBAR ON Northwest CORNER (PAR)
3348	Pile 2	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	5	Bent 2 Pile 2: [PROMPT ACTION REQUEST] 50" x 10" x 8" SPALL WITH EXPOSED REBAR ON Southwest CORNER
Bent 3			
3348	Pile 2	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	6	Bent 3 Pile 2: [PROMPT ACTION REQUEST] 2' DOWN FROM CAP, [2] AREAS OF SPALLING WITH EXPOSED REBAR AND AREA OF DELAMINATION UP TO 3' HIGH x 12" WIDE x 3" DEEP WITH NO MEASURABLE SECTION LOSS ON Span 4 FACE
Bent 4			
3348	Pile 2	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	5	Bent 4 Pile 2: [PROMPT ACTION REQUEST] 4.5' x 7" x 8" DEEP SPALL WITH EXPOSED REBAR ON Southeast CORNER









Structure Number 630029

Bent 5			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Bent 5 Cap 1: 32" x 14" x 3" DEEP SPALL AND DELAMINATED AREA ON WEST FACE UNDER GIRDER 4 (PAR)
3348	Pile 1	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	4	Bent 5 Pile 1: 37" x 5" x 2 1/1" deep spall with exposed rebar and area of delamination on Northeast corner (PAR)
3348	Pile 2	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	5	Bent 5 Pile 2: [PROMPT ACTION REQUEST] 4.75' x 8" x 8" SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Southeast CORNER
Bent 6			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Bent 6 Cap 1: 18" x 9" x 3" DEEP SPALL WITH EXPOSED REBAR ON EAST FACE UNDER GIRDER 3 (PAR)
3348	Pile 2	Reinforced Co	ncrete Column
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Bent 6 Pile 2: 12" x 6" x 1 1/2" DEEP SPALL WITH EXPOSED REBAR ON Northwest CORNER AT STRUT (PAR)
Slope Protection			
3352	Slope Protection	Slope Protection	on
Priority Level	Defect Type	Quantity	Defect Description
2		6	2' x 18" deep undermining under End Bent 2 slope at North end (South end similar)
2		8	(PAR) 4' x 1' deep undermining under End Bent 1 slope at North end (South end similar) (PAR)

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

2 Assigned Priority Maintenance 3 Assigned Critical Find

### **Element Condition and Maintenance Data**

Span 1		Beam 1						
Rein	nforced Concrete	Girder						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	20	25	0	0	Feet
Element Number	Dofoot Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty	
110	Cracking (RC and Other)	NDOM AREAS		2	25		Feet	
-	Other) General Comments							

	Beam 2						
rced Concrete	Girder						
er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Open Girder/Beam	45	19	25	1	0	Feet
Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
• (	1/16" DIAGONAL CRACKING ON BO END OVER BENT 1			3	1		1 Feet
	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25		Feet
	nt er Reinfor	rced Concrete Girder  Int  Er Element Name Reinforced Concrete Open Girder/Beam  Defect Type Defect Descript Fracking (RC and ther) Defect Type Tacking (RC and 1/16" DIAGONAL CRACKING ON BOTTO THE Type Type Type Type Type Type Type Type	rced Concrete Girder  Int Element Name Qty Reinforced Concrete Open Girder/Beam 45  Defect Type Defect Description  racking (RC and ther) END OVER BENT 1  racking (RC and 1/64" VERTICAL CRACKING AT RANDOM AREAS	ter Element Name Qty Qty Reinforced Concrete Open Girder/Beam 45 19  Defect Type Defect Description racking (RC and ther) 1/16" DIAGONAL CRACKING ON BOTH SIDES OF BEAM END OVER BENT 1 racking (RC and 1/64" VERTICAL CRACKING AT RANDOM AREAS	reced Concrete Girder  Int Element Name Qty Qty Qty Reinforced Concrete Open Girder/Beam 45 19 25  Defect Type Defect Description CS  racking (RC and ther) END OVER BENT 1  racking (RC and 1/64" VERTICAL CRACKING AT RANDOM AREAS 2	reced Concrete Girder  Int Element Name Qty Qty Qty Qty Qty Qty Qty Reinforced Concrete Open Girder/Beam 45 19 25 1  Defect Type Defect Description CS CS Qty racking (RC and ther) END OVER BENT 1  racking (RC and 1/64" VERTICAL CRACKING AT RANDOM AREAS 2 25	reced Concrete Girder  Int Element Name Qty

Spar	າ 1	Beam 3						
Rein	forced Concrete	Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ed Concrete Open Girder/Beam	45	18	25	2	0 F	eet
lement lumber	Dofoct Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	1/16" DIAGONAL CRACKING ON BO END OVER BENT 1	TH SIDES OF B	BEAM	3	1	1	Feet
110	Delamination/Spall	6" LONG x 19" TALL SPALLING AND DELAMINATION ON BEAM END OVE (PAR)		нт	3	1	1	Feet
	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	IDOM AREAS		2	25		Feet
G	General Comments							

Spa		Beam 4						
Reir	forced Concrete	Girder						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	19	25	1	0	Feet
Elemen Number	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Delamination/Spall	6" LONG x 6" TALL SPALLING UP T DELAMINATION ON BEAM END OVE		· · · · · — • ·	3	1		1 Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	NDOM AREAS		2	25		Feet

Spa	n 1	Wearing St	ırface					
Asp	halt Wearing S	urface						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wear	ing Surface	1,268	1,193	0	75	0 8	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	28 square feet up to 1/8" transve	rse crack at End I	Bent 1	3	28	28	Square Feet
510	Crack (Wearing Surface)	47 square feet up to 1/16" longitu	ıdinal crack		3	47	47	Square Feet
-	General Comments							

Span	1	Left Bridge	Rail					
Concr	ete Railing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 F	eet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
331 D	elamination/Spall	SCALING THROUGHOUT RAIL			2	43	43	Feet
331 E	xposed Rebar	(3) UP TO 5" x 1" x 1/4" DEEP SPA REBAR ON CURB NEAR POST 7	LLS WITH EXPOS	ED	2	2	2	Feet
Ge	eneral Comments							

	Right Bridge	Rali					
e Railing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Bridge Railing	45	0	44	1	0 F	eet
Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
osed Rebar	12" x 11" x 5" DEEP SPALL WITH POST 2	EXPOSED REBAI	R ON	3	1	1	Feet
mination/Spall	SCALING THROUGHOUT RAIL			2	44	44	Feet
•		Element Name Reinforced Concrete Bridge Railing  Defect Type Defect Descripted Descriptions 12" x 11" x 5" DEEP SPALL WITH POST 2	Reinforced Concrete Bridge Railing 45  Defect Type Defect Description osed Rebar 12" x 11" x 5" DEEP SPALL WITH EXPOSED REBAI POST 2	Element Name Reinforced Concrete Bridge Railing  Defect Type Defect Description  12" x 11" x 5" DEEP SPALL WITH EXPOSED REBAR ON POST 2	Element Name Qty Qty Qty Reinforced Concrete Bridge Railing 45 0 44  Defect Type Defect Description CS osed Rebar 12" x 11" x 5" DEEP SPALL WITH EXPOSED REBAR ON 3 POST 2	Element Name Reinforced Concrete Bridge Railing  Defect Type Defect Description  Total Qty Qty Qty Qty Qty Qty Posed Rebar  Defect Description  CS CS Qty Defect Description  Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Qty CS CS Qty  The posed Rebar SPALL WITH EXPOSED REBAR ON 3 1 POST 2	Element Name  Reinforced Concrete Bridge Railing  Defect Type  Defect Description  Description  Description  CS CS Qty  Maint Qty  Description  CS CS Qty  POST 2

Spa	n 2	Wearing Su	ırface					
Asp	halt Wearing S	urface						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wea	ring Surface	1,268	1,209	0	59	0 S	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	29 square feet up to 1/16" transve	erse crack at Ben	t 1	3	29	29	Square Feet
510	Crack (Wearing Surface)	30 square feet up to 1/16" longitu	ıdinal crack		3	30	30	Square Feet
-	General Comment	s						

		Rail					
ete Railing							
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinforc	ed Concrete Bridge Railing	45	0	45	0	0 F	eet
Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
elamination/Spall	2" x 2" x 1/2" deep spall on rail bet	ween Posts 2 and	I 3	2	1	1	Feet
elamination/Spall	3" x 2" x 1/2" deep spall on rail bet	ween Posts 5 and	16	2	1	1	Feet
elamination/Spall	SCALING THROUGHOUT RAIL			2	43	45	Feet
r	Reinforc  Defect Type elamination/Spall	The Property of the Property o	Total Qty Reinforced Concrete Bridge Railing 45  Defect Type Defect Description elamination/Spall 2" x 2" x 1/2" deep spall on rail between Posts 2 and elamination/Spall 3" x 2" x 1/2" deep spall on rail between Posts 5 and elamination/Spall SCALING THROUGHOUT RAIL	Total CS1 er Element Name Qty Qty Reinforced Concrete Bridge Railing 45 0  Defect Type Defect Description elamination/Spall 2" x 2" x 1/2" deep spall on rail between Posts 2 and 3 elamination/Spall 3" x 2" x 1/2" deep spall on rail between Posts 5 and 6 elamination/Spall SCALING THROUGHOUT RAIL	Total CS1 CS2 Qty Qty Reinforced Concrete Bridge Railing 45 0 45  Defect Type Defect Description CS elamination/Spall 2" x 2" x 1/2" deep spall on rail between Posts 2 and 3 2 elamination/Spall 3" x 2" x 1/2" deep spall on rail between Posts 5 and 6 2 elamination/Spall SCALING THROUGHOUT RAIL 2	Total CS1 CS2 CS3 Qty Reinforced Concrete Bridge Railing 45 0 45 0  Defect Type Defect Description CS CS Qty elamination/Spall 2" x 2" x 1/2" deep spall on rail between Posts 2 and 3 2 1 elamination/Spall 3" x 2" x 1/2" deep spall on rail between Posts 5 and 6 2 1 elamination/Spall SCALING THROUGHOUT RAIL 2 43	Total CS1 CS2 CS3 CS4 Qty

Span	pan 2 Right Bridge Rail							
Conc	rete Railing							
Eleme Numb	per	Element Name ced Concrete Bridge Railing	<b>Total</b> <b>Qty</b> 45	<b>CS1 Qty</b> 0	CS2 Qty 44	CS3 Qty	<b>CS4 Qty</b> 0 F	eet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
331 E	Exposed Rebar	3" x 2" x 1 1/2" deep spall with exp	oosed rebar on ra	il at	3	1	1	Feet
	Delamination/Spall eneral Comments	SCALING THROUGHOUT RAIL			2	44	45	Feet

Spa	n 2		Beam 1						
Rei	nforc	ed Concrete	Girder						
	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110		Reinford	ced Concrete Open Girder/Beam	45	20	25	0	0 Feet	
Elemen Numbe		Defect Type	Defect Descript	tion		cs	CS Qty	Maint Qty	
110	Crac Othe	king (RC and er)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25	Feet	
•	Gener	ral Comments							

Spa	an 2		Beam 2						
Rei	nforced C	oncrete	Girder						
Nu	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110		Reinforc	ed Concrete Open Girder/Beam	45	20	25	0	0 Feet	
Eleme	Dofoo	t Type	Defect Description	ion		cs	CS Qty	Maint Qty	
110	Cracking ( Other)	RC and	1/64" VERTICAL CRACKING AT RAN	IDOM AREAS		2	25	Fee	t
	General Cor	nments							

Spa	n 2	Beam 3						
Rei	nforced Concrete	Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	19	25	1	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
110	Delamination/Spall	2 1/2" LONG x 18" TALL x 1 1/2" DEEF OF DELAMINATION ON LEFT SIDE OF BENT 2			3	1	1 Fe	et
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAND	OOM AREAS		2	25	Fe	eet
	<b>General Comments</b>							

Spa	an 2	Beam 4						
Rei	inforced Concrete	Girder						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	18	26	1	0 F	eet
Eleme	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Exposed Rebar	2 1/2" x 5" x 1/2" deep spall with exp of beam at Bent 2 (PAR)	osed rebar on I	eft side	3	1	1	Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet
110	Cracking (RC and Other)	HAIRLINE DIAGONAL CRACKING OF AT BENT 2	N LEFT SIDE O	F BEAM	2	1		Feet
	<b>General Comments</b>							

Spa	ın 3	Wearing Surfa	ce					
Asp	halt Wearing Surfa	ce						
	ment mber Wearing S	Element Name Surface	Total Qty 1,268	<b>CS1 Qty</b> 1,195	CS2 Qty 2	<b>CS3</b> <b>Qty</b> 71	<b>CS4 Qty</b> 0 S	quare Feet
Elemer Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1/8" TRANSVERSE CRACK OVER BE	ENT 2		3	28	28	Square Feet
510	Crack (Wearing Surface)	40 square feet up to 1/16" longitudina	al crack		3	40	40	Square Feet
510	Patched Area/Pothole (Wearing Surface)	(2) UP TO 36" x 5" x 2 1/2" DEEP POT BOUND LANE AT BENT 2	THOLE IN WES	Т	3	3	3	Square Feet
510		(4) up to 23" x 3" x 1/2" deep area of wearing surface, 20' from Bent 2	missing aspha	lt	2	2	2	Square Feet
	General Comments							

Span 3		Left Bridge I	Rail					
Concret	te Railing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 Feet	
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
331 Dela	amination/Spall	6" x 3 1/2" x 1/2" deep spall on rail	between Posts 8	and 9	2	1	1 Feet	

2

45 Feet

**SCALING THROUGHOUT RAIL** 

Delamination/Spall
General Comments

Spa	n 3	Right Bridge Rail						
Con	crete Railing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
331	Delamination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Fee	t
•	General Comments							

Spa	n 3	Beam 1						
Reir	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	20	25	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25	Feet	
	General Comments							_

Span	3	Beam 2					
Reinf	orced Concrete	Girder					
Eleme Numb	per	Element Name red Concrete Open Girder/Beam	Total Qty 45	<b>CS1 Qty</b> 16	CS2 Qty 26	CS3 Qty 3	CS4 Qty 0 Feet
Element Number	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty
	Cracking (RC and Other)	1/8" DIAGONAL CRACKING ALONG I	BEAM END AT	BENT 3	3	1	1 Feet
110 F	Patched Area	18" x 19" area of delaminated patch of Bent 3	on left side of b	eam at	3	2	2 Feet
	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25	Feet
110 [	Delamination/Spall	1" x 3" x 1/2" deep spall on right side	of beam at Be	nt 2	2	1	1 Feet

Spa	n 3	Beam 3						
Reir	nforced Conc	rete Girder						
Elen Nun 110		Element Name einforced Concrete Open Girder/Beam	Total Qty 45	<b>CS1</b> <b>Qty</b> 19	CS2 Qty 26	<b>CS3 Qty</b> 0	CS4 Qty 0 Feet	
Elemen Numbe	Dofoct Tv	pe Defect Desc	cription		cs	CS Qty	Maint Qty	
110	Cracking (RC a Other)	nd 1/64" VERTICAL CRACKING AT	RANDOM AREAS		2	25	Feet	
110	Cracking (RC a Other)	nd HAIRLINE DIAGONAL CRACKIN BEAM AT BENT 3	G ALONG LEFT SID	E OF	2	1	Feet	
-	General Comme	nts						

Spa	ın 3	Beam 4						
Rei	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	rced Concrete Open Girder/Beam	45	20	25	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descript	tion		CS	CS Qty	Maint Qty	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25	Feet	
	General Comments							_

n 4	Deck						
nforced Concrete	Deck						
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Deck	1,418	1,411	0	7	0 8	Square Feet
t Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Exposed Rebar	` ' '		ed rebar	3	4	4	Square Feet
Exposed Rebar	20" x 17" x 2 1/2" deep spall wit of deck in Bay 1 near Bent 4	h exposed rebar o	n bottom	3	3	3	Square Feet
1	nent nber Reinfor  Defect Type Exposed Rebar	nent nber Element Name Reinforced Concrete Deck  t Defect Type Defect Des Exposed Rebar (2) up to 20" x 17" x 2 1/2" deep on bottom of deck in Bay 3 near Exposed Rebar 20" x 17" x 2 1/2" deep spall wit	nent Element Name Qty Reinforced Concrete Deck  t Defect Type Defect Description  Exposed Rebar (2) up to 20" x 17" x 2 1/2" deep spalls with expose on bottom of deck in Bay 3 near Bent 4  Exposed Rebar 20" x 17" x 2 1/2" deep spall with exposed rebar or	nent Element Name Qty Qty Reinforced Concrete Deck 1,418 1,411  t Defect Type Defect Description  Exposed Rebar (2) up to 20" x 17" x 2 1/2" deep spalls with exposed rebar on bottom of deck in Bay 3 near Bent 4  Exposed Rebar 20" x 17" x 2 1/2" deep spall with exposed rebar on bottom	nent Element Name Qty Qty Qty Reinforced Concrete Deck  t Defect Type Defect Description CS  Exposed Rebar (2) up to 20" x 17" x 2 1/2" deep spalls with exposed rebar on bottom of deck in Bay 3 near Bent 4  Exposed Rebar 20" x 17" x 2 1/2" deep spall with exposed rebar on bottom 3	nent Element Name Qty	Interest Period Concrete Deck  Total CS1 CS2 CS3 CS4 CS4 CS4 CS5 CS4 CS4 CS5 CS4 CS5 CS4 CS5 CS5 CS4 CS5

า 4	Wearing S	Surface					
halt Wearing Sur	face						
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing	g Surface	1,268	1,215	5	48	0 S	quare Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Crack (Wearing Surface)	1/8" TRANSVERSE CRACK OV	ER BENT 3		3	28	28	Square Feet
Crack (Wearing Surface)	20 square feet up to 1/16" long	itudinal crack		3	20	20	Square Feet
Patched Area/Potho (Wearing Surface)	le 4" x 2" DEEP POTHOLE IN WE	ST BOUND LANE A	T BENT 3	2	5		Square Feet
	Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Crack (Wearing Surface) Patched Area/Potho	nalt Wearing Surface  tent ber Element Name  Wearing Surface  Defect Type Defect Des  Crack (Wearing 1/8" TRANSVERSE CRACK OV Surface)  Crack (Wearing 20 square feet up to 1/16" longis Surface)  Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WES	nalt Wearing Surface  Total ber Element Name Qty  Wearing Surface 1,268  Defect Type Defect Description  Crack (Wearing 1/8" TRANSVERSE CRACK OVER BENT 3 Surface)  Crack (Wearing 20 square feet up to 1/16" longitudinal crack Surface)  Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WEST BOUND LANE A	nalt Wearing Surface  tent Element Name Qty Qty Wearing Surface 1,268 1,215  Defect Type Defect Description  Crack (Wearing 1/8" TRANSVERSE CRACK OVER BENT 3 Surface)  Crack (Wearing 20 square feet up to 1/16" longitudinal crack Surface)  Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WEST BOUND LANE AT BENT 3	nalt Wearing Surface  tent Element Name Qty Qty Qty Wearing Surface 1,268 1,215 5  Defect Type Defect Description CS  Crack (Wearing 1/8" TRANSVERSE CRACK OVER BENT 3 3 Surface)  Crack (Wearing 20 square feet up to 1/16" longitudinal crack 3 Surface)  Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WEST BOUND LANE AT BENT 3 2	Total CS1 CS2 CS3 ber Element Name Qty Qty Qty Qty Wearing Surface 1,268 1,215 5 48  Defect Type Defect Description CS CS Qty  Crack (Wearing 1/8" TRANSVERSE CRACK OVER BENT 3 3 28 Surface) Crack (Wearing 20 square feet up to 1/16" longitudinal crack 3 20 Surface) Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WEST BOUND LANE AT BENT 3 2 5	Total CS1 CS2 CS3 CS4 ber Element Name Qty Qty Qty Qty Qty Qty Wearing Surface 1,268 1,215 5 48 0 S  Defect Type Defect Description CS CS Qty Crack (Wearing 1/8" TRANSVERSE CRACK OVER BENT 3 3 28 28 Surface) Crack (Wearing 20 square feet up to 1/16" longitudinal crack 3 20 20 Surface) Patched Area/Pothole 4" x 2" DEEP POTHOLE IN WEST BOUND LANE AT BENT 3 2 5

Spa	ın 4	Left Bridge Rail						
Con	ncrete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	45	0	45	0	0 Feet	
Elemen Numbe	Defect Tyme	Defect Description			cs	CS Qty	Maint Qty	
331	Delamination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Feet	
	General Comments							_

Span 4		Right Bridge	Rail				
Concrete	e Railing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 Feet
Element Number	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty
331 Dela	amination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Feet

**General Comments** 

Spa	n 4	Beam 1						
Reir	forced Concrete	Girder						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	16	26	3	0	Feet
lemen	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	GIRDER END AT BENT 4, LEFT SIDE CRACKING TO 3/16" WIDE x APPRO WITH ASSOCIATEED DELAMINATIO	XIMATELY 15"	LONG	3	1		1 Feet
110	Cracking (RC and Other)	GIRDER END AT BENT 4, LOWER R CRACKING TO 1/16" WIDE WITH AS DELAMINATION, APPROXIMATELY	SOCIATED		3	1		1 Feet
110	Cracking (RC and Other)	GIRDER END AT BENT 4, RIGHT SIE CRACKING TO 1/8" WIDE x APPROX WITH APPROXIMATELY 1/4 SQUAR	(IMATELY 12" L		3	1		1 Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25		Feet
110	Cracking (RC and Other)	9" hairline longitudinal crack on bot	tom of beam at	Bent 4	2	1		Feet

**General Comments** 

Sp	an 4	Beam 2						
Re	inforced Concrete	Girder						
	ement imber Reinford	Element Name ced Concrete Open Girder/Beam	Total Qty 45	<b>CS1</b> <b>Qty</b> 13	<b>CS2</b> <b>Qty</b> 25	CS3 Qty 7	CS4 Qty 0 Feet	
Eleme Numb	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
110	Exposed Rebar	[PROMPT ACTION REQUEST] 8" x 18"; WITH EXPOSED REBAR WITH 19" x 19 ON LEFT SIDE OF BEAM END AT BENT SIMILAR	' AREA OF P	PATCH	3	1	1 Feet	
110	Patched Area	6' x 6" area of delaminated patch on Be Bay 2	nt 4 diaphra	gm in	3	6	6 Feet	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RANDO	OM AREAS		2	25	Feet	
	General Comments							

Spar	า 4	Beam 3						
Rein	forced Concrete	Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	14	25	6	0 Fee	t
Element Number	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Exposed Rebar	[PROMPT ACTION REQUEST] 7" x 9 WITH EXPOSED REBAR WITH 19" x ON LEFT SIDE OF BEAM END AT BE SIMILAR	19" AREA OF F	PATCH	3	1	1 F	eet
110	Exposed Rebar	30" x 5" x 1 1/2" deep spall with expedience of the spale		area of	3	3	3 F	eet
110	Patched Area	18" x 18" area of delaminated patch at Bent 4	on right side of	beam	3	2	2 F	eet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25	F	eet

Spa	n 4	Beam 4						
Rein	forced Concrete	Girder						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	19	25	1	0 F	eet
Element Number	Dofoct Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	1/8" DIAGONAL CRACKING ALONG END AT BENT 4	BOTH SIDES O	F BEAM	3	1	1	Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25		Feet
	General Comments							

Span	5	Deck						
Reinfo	orced Concrete	Deck						
Eleme Numb	•••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	1,418	1,408	10	0	0 S	quare Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
12 E	xposed Rebar	6" X 4" X 1/2" DEEP MINOR PO REBAR IN OVERHANGS AT RA		SED	2	10	10	Square Feet
Ge	eneral Comments							

Span 5 Asphal	t Wearing Sur	Wearing S	Surface					
Elemen Numbe	t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	1,268	1,239	0	29	0 8	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
	ack (Wearing rface)	29 square feet up to 1/16" trans 42" x 3" x 1" dee area of missin Bent 4			3	29	29	Square Fee

Spar	1 5	Left Bridge	Rail					
Cond	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 F	eet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	8" hairline vertical crack on Post 3	3 (Post 4 similar)		2	2		Feet
331	Delamination/Spall	5" x 4" x 1" deep spall on rail near	Post 1		2	1	1	Feet
331	Delamination/Spall	SCALING THROUGHOUT RAIL			2	42	45	Feet

Span	5	Right Bridge	Rail					
Conc	rete Railing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 F	eet
lement lumber	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
331 [	Delamination/Spall	SCALING THROUGHOUT RAIL			2	42	45	Feet
331 E	Exposed Rebar	(5) up to 4 1/2" x 2" x 1/2" deep spa on curb face	lls with exposed	rebar	2	2	2	Feet
331 E	Exposed Rebar	8" x 3" x 1/2" deep spall with expos Post 6 bracket	sed rebar on Wes	t face of	2	1	1	Feet
G	eneral Comments							

Span	5	Beam 1						
Reinf	forced Concrete	Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	14	25	0	6	Feet
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
110 I	Exposed Rebar	[PROMPT ACTION REQUEST] 26" X 'SPALL WITH EXPOSED REBAR ON UMIDSPAN. THERE ARE VOIDS AROURESULT OF POOR CONSOLIDATION REINFORCING HAS UP PTO 50% SEC	JNDERSIDE AT IND THE REBA I. THE SECOND	R AS A	4	3	;	3 Feet
110 I	Exposed Rebar	[PROMPT ACTION REQUEST] 32" X Y WITH EXPOSED REBAR ON BOTTOM X 4" X 5" DEEP SPALL ON LEFT SIDION BENT 5 WITH VOIDS RESULTING FR CONSOLIDATION. APPROXIMATELY AREA HAS BEEN LOST. THERE IS ULOSS ON THE SECONDARY REINFO	M OF GIRDER VEOF BEAM EN OM POOR 50% OF BEAR PTO 50% SEC	VITH 12" D AT ZING	4	3	;	3 Feet
110	Cracking (RC and	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet

Spa	n 5	Beam 2						
Rei	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	rced Concrete Open Girder/Beam	45	15	29	1	0 F	eet
Elemen Numbe	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Exposed Rebar	[PROMPT ACTION REQUEST] 6" LOI DEEP SPALL WITH EXPOSED REBA x 10" AREA OF PATCH ON RIGHT SI BENT 5, NO MEASURABLE SECTION	R WITH ADJAC DE OF BEAM E	ENT 16"	3	1	1	Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet
110	Exposed Rebar	(3) up to 2" x 7" x 1/2" deep spalls wi bottom of beam near Bent 4	th exposed reb	ar on	2	1	1	Feet
110	Exposed Rebar	12" X 2" X 1/2" DEEP SPALL WITH E UNDERSIDE AT 6' FROM BENT 4	XPOSED REBA	R ON	2	1	1	Feet
110	Patched Area	17" x 18" area of sound patch on left	side of beam a	t Rent 5	2	2		Feet

Spa	n 5	Beam 3						
Rei	nforced Concrete	Girder						
	ment nber Reinfor	Element Name ced Concrete Open Girder/Beam	Total Qty 45	CS1 Qty 17	CS2 Qty 27	CS3 Qty 1	CS4 Qty 0 Feet	
Elemen Numbe	Dofoct Typo	Defect Description	1		cs	CS Qty	Maint Qty	
110	Exposed Rebar	[PROMPT ACTION REQUEST] 7" LONG DEEP SPALL WITH EXPOSED REBAR \ x 20" AREA OF PATCH ON LEFT SIDE ( BENT 5, NO MEASURABLE SECTION L	WITH ADJAC OF BEAM EN	ENT 16"	3	1	2 Feet	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RANDO	OM AREAS		2	25	Feet	
110	Patched Area	14" x 18" area of sound patch on right s	side of beam	at Bent	2	2	Feet	
	General Comments							_

Spa	n 5	Beam 4						
•								
Reii	nforced Concrete	Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	9	28	8	0 F	eet
Elemen Numbe	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Delamination/Spall	3" x 12" x 3" deep spall on right side	of beam at Bent	5	3	1	1	Feet
110	Exposed Rebar	[PROMPT ACTION REQUEST] 3' X 15 WITH EXPOSED REBAR ON UNDERS BENT 4, NO MEASURABLE SECTION	SIDE AT 15' FRO		3	3	3	Feet
110	Exposed Rebar	[PROMPT ACTION REQUEST] 3.5' X WITH EXPOSED REBAR ON UNDERSTHERE ARE VOIDS IN THE CONCREPOOR CONSOLIDATION. THE SECONAS UP TO 50% SECTION LOSS.	SIDE AT MIDSPA	N. FROM	3	4	4	Feet
110	Cracking (RC and Other)	1/32" DIAGONAL CRACKING ON BEA	AM END AT BEN	Т 5	2	1		Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet
110	Patched Area	16" x 20" area of sound patch on left	side of beam at	Bent 5	2	2		Feet

**General Comments** 

Spa	n 6	Deck						
Reir	nforced Concre	ete Deck						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Rei	nforced Concrete Deck	1,418	1,400	14	4	0 S	Square Feet
Elemen Numbe	Dofoot Type	e Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Exposed Rebar	16" x 14" x 3" deep spall with ex deck in Bay 3 near midspan (Bay		ottom of	3	4	4	Square Feet
12	Exposed Rebar	UNDERSIDE OF THE RIGHT & LI SCATTERED EXPOSED REBAR			2	14	14	Square Feet
-	General Commen	ts						

Spar	n 6		Weari	ng Surface					
Aspl	halt We	earing Sur	face						
Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510		Wearing	g Surface	1,268	1,240	0	28	0 8	Square Feet
Element Number	D-	efect Type	Defec	t Description		CS	CS Qty	Maint Qty	
510	Crack (\ Surface	Wearing e)	1/8" TRANSVERSE CRACK DEEP AREAS OF MISSING OVER BENT 5			3	28	28	Square Feet
(	General (	Comments							

Span	6	Left Bridge Rai	l					
Conc	rete Railing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	45	0	45	0	0 Feet	
lement Jumber	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	
331 [	Delamination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Feet	
G	eneral Comments							_

	Right Bridge	Rail				
Railing						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Reinford	ed Concrete Bridge Railing	45	0	45	0	0 Feet
Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty
nination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Feet
	Reinford	Railing  Element Name Reinforced Concrete Bridge Railing  Defect Type  Defect Descrip	Element Name Qty Reinforced Concrete Bridge Railing 45  Defect Type Defect Description	Railing  Element Name Qty Qty Reinforced Concrete Bridge Railing 45 0  Defect Type Defect Description	Railing  Element Name Qty Qty Qty Qty Reinforced Concrete Bridge Railing 45 0 45  Defect Type Defect Description CS	Railing  Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Bridge Railing 45 0 45 0  Defect Type Defect Description CS CS Qty

**General Comments** 

Spa	ın 6	Beam 1						
Rei	nforced Concre	te Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reint	forced Concrete Open Girder/Beam	45	9	26	10	0 F	eet
Elemen Numbe	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)  36" x 4" area of delamination with 1/16" horizontal crack or Bent 5 diaphragm in Bay 1					3	3	Feet
110	Cracking (RC and Other)	CRACKING TO 1/16" WIDE WITH AS DELAMINATION AND SPALLING WIT	EAR MIDSPAN, UNDERSIDE OF THE GIRDER, MAP 3 2 RACKING TO 1/16" WIDE WITH ASSOCIATED ELAMINATION AND SPALLING WITH EXPOSED REBAR P TO 1" DEEP JAPPROXIMATELY 2 SQUARE FEET TOTAL					Feet
110	Exposed Rebar	[PROMPT ACTION REQUEST] 7" LOI DEEP SPALL WITH EXPOSED REBA BEAM END AT BENT 6, NO MEASUR	R ON LEFT SID	E OF	3	1	1	Feet
110	Exposed Rebar	16" x 14" x 1" deep spall with expose delamination on bottom of beam nea		ea of	3	2	2	Feet
110	Patched Area	20" x 16" area of patch with 3 1/2" x 3 bottom of beam near midspan	3" x 1/2" deep s	spall on	3	2	2	Feet
110	Cracking (RC and Other)	·						
110	Exposed Rebar	3" DIAMETER X 1/2" DEEP POPOUT REBAR AT 2' FROM BENT 5	WITH EXPOSE	D	2	1	1	Feet

Spa	n 6	Beam 2						
Rei	nforced Concrete	Girder						
	ment mber Reinfor	Element Name ced Concrete Open Girder/Beam	Total Qty 45	<b>CS1</b> <b>Qty</b> 15	<b>CS2</b> <b>Qty</b> 26	CS3 Qty 4	CS4 Qty 0 Feet	
Elemer Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
110	Exposed Rebar	[PROMPT ACTION REQUEST] 5" LON DEEP SPALL WITH EXPOSED REBAI BEAM END AT BENT 6, NO MEASUR.	R ON BOTH SI	DES OF	3	1	1 Feet	
110	Exposed Rebar	36" x 5" x 2" deep spall with exposed delamination on Bent 5 diaphragm in		a of	3	3	3 Feet	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	-		2	25	Feet	
110	Exposed Rebar	3" x 2 1/2" x 1/2" deep spall with expo	osed rebar on l	oottom	2	1	1 Feet	

**General Comments** 

of beam at Bent 6

Spa	n 6	Beam 3						
Reir	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	45	13	29	3	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Descriptio	n		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	(2) up to 11" long 1/16" horizontal crac beam at Bent 6	cks on right s	ide of	3	2	2	Feet
110	Exposed Rebar	[PROMPT ACTION REQUEST] 5" LONG DEEP SPALL WITH EXPOSED REBAR SECTION LOSS] ON LEFT SIDE OF B AND 8" LONG X 10" TALL X 2 1/2" DE EXPOSED REBAR [NO MEASURABLE RIGHT SIDE OF BEAM END OVER BEI	[NO MEASUREAM END AT EP SPALL WI SECTION LO	RABLE BENT 6 TH	3	1	1	Feet

Structure	Number: <u>630029</u>			Inspec	tion Date: <u>03/10/2022</u>
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RANDOM AREAS	2	25	Feet
110	Cracking (RC and Other)	4' hairline horizontal crack on West face of intermediate diaphragm in Bay 3	2	4	Feet
	<b>General Comments</b>				

Spa	n 6	Beam 4						
Rei	nforced Concre	te Girder						
	ment mber Reint	Element Name forced Concrete Open Girder/Beam	Total Qty 45	<b>CS1 Qty</b> 16	CS2 Qty 25	CS3 Qty 4	CS4 Qty	eet
Elemer Numbe	nt Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	4' x 6" DELAMINATED AREA WITH 1/ CRACKING	/8" HORIZONT	<b>AL</b>	3	4	4	Feet
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet
	<b>General Comments</b>	1						

Span 7	•	Deck						
Reinfo	rced Concrete	Deck						
Elemen Numbe	· <del>-</del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,418	1,417	0	1	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
12 Ex	posed Rebar	14" x 9" x 1" DEEP, 8" DIAMETER 6" x 1/2" DEEP SPALLS ALL EXF OF DELAMINATION IN RIGHT OV	OSING REBAR A	ND AREA	3	1		1 Square Feet
Ger	neral Comments							

7	Wearing S	Surface					
Wearing Surfa	ice						
nt er Wearing	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Square Feet
vveami	y Surface	1,200	1,130	10			oquare i eet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
rack (Wearing urface)	30 square feet up to 1/8" transv	erse crack at End E	Bent 2	3	30	30	Square Feet
rack (Wearing urface)				3	30	30	Square Feet
rack (Wearing urface)	10 square feet hairline longitud	inal cracks		2	10	10	Square Feet
	Defect Type rack (Wearing urface) rack (Wearing urface) rack (Wearing urface)	r Wearing Surface  Inter Element Name Wearing Surface  Defect Type Defect Deserrack (Wearing 30 square feet up to 1/8" transversack (Wearing urface)  rack (Wearing 30 square feet up to 1/8" transversack (Wearing x 3" x 2" deep area of missing a Bent 6  rack (Wearing 10 square feet hairline longitud)	Wearing Surface  Int Element Name Qty Wearing Surface 1,268  Defect Type Defect Description  rack (Wearing urface)  30 square feet up to 1/8" transverse crack at End E urface)  rack (Wearing urface)  30 square feet up to 1/8" transverse crack with (4)  x 3" x 2" deep area of missing asphalt wearing sur Bent 6  rack (Wearing 10 square feet hairline longitudinal cracks	Wearing Surface  Inter Element Name Qty Qty Wearing Surface 1,268 1,198  Defect Type Defect Description  rack (Wearing urface)  rack (Wearing urface)  rack (Wearing urface)  rack (Wearing urface)  30 square feet up to 1/8" transverse crack at End Bent 2  x 3" x 2" deep area of missing asphalt wearing surface at Bent 6  rack (Wearing 10 square feet hairline longitudinal cracks	Total CS2 Per Element Name Qty Qty Qty Wearing Surface 1,268 1,198 10  Defect Type Defect Description CS  rack (Wearing urface) 30 square feet up to 1/8" transverse crack at End Bent 2 3 urface)  rack (Wearing as you we feet up to 1/8" transverse crack with (4) up to 12" 3 x 3" x 2" deep area of missing asphalt wearing surface at Bent 6 10 square feet hairline longitudinal cracks 2	Wearing Surface  Intersect Element Name  Wearing Surface  Defect Description  Defect Type  Defect Description  Defect Type  Defect Description  CS  CS  Qty  Aty  Aty  Aty  Aty  Aty  Aty  Aty	Total CS1 CS2 CS3 CS4 er Element Name Qty Qty Qty Qty Qty Qty Qty Wearing Surface 1,268 1,198 10 60 0 S  Defect Type Defect Description CS CS Qty rack (Wearing 30 square feet up to 1/8" transverse crack at End Bent 2 3 30 30 urface) rack (Wearing 30 square feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 urface) rack (Wearing 30 square feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 30 arguare feet up to 1/8" transverse crack with (4) up to 12" 3 30 30 3

Spa	ın 7	Left Bridge Ra	ail					
Cor	ncrete Railing							
	ment nber Reinford	Element Name eed Concrete Bridge Railing	Total Qty 45	CS1 Qty	CS2 Qty 45	CS3 Qty	CS4 Qty	eet
Elemen	nt Defect Type	Defect Descript			cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(18) hairline vertical and transverse	cracks on rail		2	18	-	Feet
331	Cracking (RC and Other)	(3) hairline transverse cracks on cur	þ		2	3		Feet
331	Cracking (RC and Other)	18" x 12" area of hairline map crack	ng on curb at E	nd Bent	2	2		Feet
331	Delamination/Spall	3" x 2" x 1" deep spall on Post 7			2	1	1	Feet
331	Delamination/Spall	SCALING THROUGHOUT RAIL			2	21	45	Feet

Span 7		Right Bridge Rail					
Concret	te Railing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty
331	Reinford	ced Concrete Bridge Railing	45	0	45	0	0 Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty
331 Dela	amination/Spall	SCALING THROUGHOUT RAIL			2	45	45 Feet

Span	7	Beam 1						
Reinf	forced Concrete	Girder						
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	18	26	0	1 Fe	eet
lement lumber	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	
110	Exposed Rebar	2" x 11" x 4" deep spall with exposed beam at Bent 6 (PAR)	d rebar on left s	ide of	4	1	1	Feet
	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25		Feet
110	Exposed Rebar	2" x 11" x 1/2" deep spall with expos delamination on right side of beam a		ea of	2	1	1	Feet
G	eneral Comments							

Spa	n 7	Beam 2						
Reir	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	19	25	1	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
110	Exposed Rebar	4" LONG x 19" TALL x 3 1/2" DEEP S REBAR ON RIGHT SIDE OF BEAM E			3	1	1 Feet	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25	Feet	

Inspection Date: 03/10/2022

Structure Number: 630029

**General Comments** 

Spa	ın 7	Beam 3						
Rei	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	45	20	25	0	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descript	tion		CS	CS Qty	Maint Qty	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAI	NDOM AREAS		2	25	Feet	
	General Comments							_

Spa	an 7	Beam 4						
Rei	inforced Concrete	Girder						
	ement ımber Reinfor	Element Name ced Concrete Open Girder/Beam	<b>Total</b> <b>Qty</b> 45	<b>CS1</b> <b>Qty</b> 15	<b>CS2</b> <b>Qty</b> 25	CS3 Qty 5	CS4 Qty 0 Feet	
Eleme Numb	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
110	Exposed Rebar	3.5' x 24" x 3/4" DEEP SPALL WITH E RIGHT SIDE AT 6' FROM END BENT 2 SECTION LOSS		_	3	4	7 Feet	
110	Exposed Rebar	MID Span ON THE RIGHT SIDE, TOP, EXPOSED REBAR [(2) UP TP APPRO DIAMETER x UP TO 3/4" DEEP], NO M SECTION LOSS	XIMATELY 8"	ТН	3	1	1 Feet	
110	Cracking (RC and Other)	1/64" VERTICAL CRACKING AT RAN	DOM AREAS		2	25	Feet	_
	General Comments							

Bent	1	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num 234	ber	Element Name ed Concrete Pier Cap	Total Qty 28	CS1 Qty 14	CS2 Qty 11	CS3 Qty 3	<b>CS4</b> <b>Qty</b> 0 F	eet
Element Number	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Delamination/Spall	34" X 11" AREA OF DELAMINATIO UNDER GIRDER 1	N ON WEST FACE	E	3	3	3	Feet
	Cracking (RC and Other)	1/64" VERTICAL CRACKING			2	10		Feet
234	Exposed Rebar	EAST FACE, LEFT CORBEL, SPAL REBAR [APPROXIMATELY 4" X 3" MEASURABLE SECTION LOSS		SED	2	1	1	Feet
G	Seneral Comments							

Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
205	Reinforced Concrete Column		1	0	0	1	0 Each	
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Column							
Bent 1		Pile 1						

ructure I	Number: <u>630029</u>					In	spection Date: 03/1	0/2022
205	Exposed Rebar	EAST FACE ON THE STRUCT, SPAL REBAR [APPROXIMATELY (3) UP TO NO MEASURABLE SECTION LOSS			3	1	3 Each	
205	Cracking (RC and Other)	1/16" VERTICAL CRACKING			2		Each	
-	General Comments							
Ben	nt 1	Pile 2						
Reir	nforced Concrete	Column						
	ment		Total	CS1	CS2	CS3	CS4	
<b>Nun</b> 205	<b>nber</b> Reinford	Element Name ced Concrete Column	<b>Qty</b> 1	<b>Qty</b> 0	Qty 1	<b>Qty</b> 0	<b>Qty</b> 0 Each	
Elemen Numbe	Defeat Time	Defect Descript	ion		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	1/16" VERTICAL CRACKING			2	1	Each	
-	General Comments							
End	Vegetation growth	Cap 1						
	nforced Concrete							
	ment	•	Total	CS1	CS2	CS3	CS4	
<b>Nun</b> 234	<b>mber</b> Reinford	Element Name ced Concrete Pier Cap	<b>Qty</b> 34	Qty 24	<b>Qty</b> 10	<b>Qty</b> 0	<b>Qty</b> 0 Feet	
Elemen Numbe	Defect Type	Defect Descript	ion		cs	CS Qty	Maint	
234	Cracking (RC and Other)	1/16" HORIZONTAL AND 1/64" VERT			2	10	<b>Qty</b> Feet	
-	General Comments  Vegetation growth	a at South and						_
Fnd	I Bent 1	Abutment						
	nforced Concrete							
Eler	ment		Total	CS1	CS2	CS3	CS4	
<b>Nun</b> 215	<b>nber</b> Reinford	Element Name ced Concrete Abutment	<b>Qty</b> 36	<b>Qty</b> 28	Qty 8	<b>Qty</b> 0	<b>Qty</b> 0 Feet	
Elemen Numbe	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
215	Cracking (RC and Other)	1/64" VERTICAL CRACKING IN BAC	KWALL		2	8	Feet	
-	General Comments	at Oardh and						
_	Vegetation growth							
Ben	nt 2 Inforced Concrete	Cap 1						
	ment	riei Cap	Total	CS1	CS2	CS3	CS4	
Nun	mber	Element Name	Qty	Qty	Qty	Qty	Qty	
234		ced Concrete Pier Cap	28	17	8	3	0 Feet	
Elemen Numbe	r Defect Type	Defect Descript			<b>cs</b> 3	CS Qty	Maint Qty	
234	Delamination/Spall	WEST FACE UNDER GIRDER 3				2	2 Feet	
234	Exposed Rebar	WEST FACE, LEFT END, CORBEL, S EXPOSED REBAR [APPROXIMATEL		DEEP]	3	1	1 Feet	
234	Cracking (RC and Other)	1/64" VERTICAL CRACKING			2	7	Feet	

234 Delamination/Spall 3 1/2" x 3" x 1/2" deep spall on Span 3 face under Bay 2 2 1 1 Feet

General Comments

44" x 9" x 8" SPALL WITH EXPOSED REBAR ON Northwest

Bent 2		Pile 1						
Reinford	ced Concrete Column							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	0	1	0 Each	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

4 Each

**General Comments** 

**CORNER (PAR)** 

**Exposed Rebar** 

205

Bei	nt 2	Pile 2						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	ach
Eleme	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	38" x 18" area of delamination with 1/on top of strut between Columns 1 an		cracks	3		4	Each
205	Exposed Rebar	[PROMPT ACTION REQUEST] 50" X 10 EXPOSED REBAR ON SOUTHWEST C		. WITH	3	1	5	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASI	ON UP TO 0.12	25 INCH	2			Each
205	Cracking (RC and Other)	19" hairline vertical crack on Span 2 fa face similar)	ace at corbel (	South	2			Each
	General Comments							

End	Bent 2	Cap 1						
Reir	nforced Concret	te Pier Cap						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinf	orced Concrete Pier Cap	34	25	0	9	0	Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	1/16" HORIZONTAL AND 1/64" \ UNDER Bays 1 AND 3	VERTICAL CRACKING	G	3	6	6	6 Feet
234	Cracking (RC and Other)	2.5' x 8" x 5" DELAMINATION A IN Bay 1	ND UP TO 1/16" CRA	CKING	3	3	3	3 Feet
-	General Comments	-						

Vegetation growth at North end

End Be	ent 2	Abutment						
Reinfo	rced Concrete	Abutment						
Elemen Numbe	- <del>-</del>	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ced Concrete Abutment	36	34	2	0	0 Feet	
Element Number	Defect Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
	acking (RC and her)	1/64" VERTICAL CRACKING IN B	AY 3 BACKWALL		2	2	Feet	

#### **General Comments**

Vegetation growth at North end

Ben	t 3	Cap 1						
Reir	nforced Concrete	Pier Cap						
Elen Nun 234	nber	Element Name rced Concrete Pier Cap	Total Qty 28	<b>CS1 Qty</b> 20	CS2 Qty 5	CS3 Qty 3	CS4 Qty 0	Feet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Exposed Rebar	32" X 14" X 3 1/2" DEEP SPALL WEST FACE UNDER GIRDER 4	WITH EXPOSED RE	BAR ON	3	3	;	3 Feet
234	Cracking (RC and Other)	1/64" VERTICAL CRACKING			2	5		Feet
-	General Comments							

Ben	t 3	Pile 1						
Reir	nforced Concrete	Column						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	1	0	0	Each
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	SCALING ALONG THE BOTTON	OF COLUMN		2	1		Each
-	General Comments							

Bent 3	Bent 3											
Reinforced Concrete Column												
Element Number	Deiefere	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	· l				
205 Element		ced Concrete Column	Description	0	0 	CS Qty	Maint	Each				
Nullibel	ect Type		•			C3 Qly	Qty	Fa ab				
<b>205</b> Delamina	tion/Spall	UNDERWATER INSPECTIO RANDOM 10 INCH HIGH X 4 DEEP CORNER SPALLS AT	INCHES WIDE X 4 INCH	IES	3		2	Each				
205 Exposed	Rebar	[PROMPT ACTION REQUES AREAS OF SPALLING WITH OF DELAMINATION UP TO WITH NO MEASURABLE SI	H EXPOSED REBAR AND 3' HIGH x 12" WIDE x 3"	DAREA DEEP	3	1	6	Each				
205 Abrasion (PSC/RC		SCALING ALONG BOTTOM	OF COLUMN		2			Each				

Ber	nt 3	Footing						
Rei	nforced Concrete	Footing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinfo	rced Concrete Pile Cap/Footing	10	0	0	10	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
220	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRA FROM MUDLINE TO TOP OF FOOTII		25 INCH	3	10	10 Feet	

**General Comments** 

Ber	nt 4	Cap 1						
Rei	nforced Concrete	Pier Cap						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	28	19	8	1	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	5" x 33" x 2" DEEP SPALL ON WI	EST FACE UNDER (	GIRDER	3	1	1 Feet	
234	234 Cracking (RC and 1/64" VERTICAL Cl Other)				2	7	Feet	
234	Exposed Rebar	WEST FACE AT RIGHT CORBEL, EXPOSED REBAR [APPROXIMAT DEEP], NO MEASURABLE SECTI	TELY 6" DIAMETER	X 1/2"	2	1	1 Feet	
	General Comments							_

	Pile 1						
ed Concrete	Column						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Column	1	0	0	1	0	Each
Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
nination/Spall	3" x 5" x 1 1/2" deep spall on	ep spall on Northwest corner		3	1	1	Each
	Reinford	Element Name Reinforced Concrete Column  Defect Type  Defect D	Element Name Reinforced Concrete Column  Defect Type  Defect Description	Element Name Reinforced Concrete Column 1 0  Defect Type Defect Description	Element Name Reinforced Concrete Column 1 0 0  Defect Type Defect Description CS1  CS2  Qty Qty Qty  October CS2  CS3  CS2  CS2  CS3  CS2  CS3  CS3	Element Name Reinforced Concrete Column 1 CS CS Qty  Defect Type Defect Description CS CS Qty	Reinforced Concrete Column  Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Reinforced Concrete Column 1 0 0 1 0  Defect Type Defect Description CS CS Qty Maint Qty

Bent 4		Pile 2						
Reinfo	orced Concrete	Column						
Elemei Numbe 205	er	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	Each
Element Number	Defect Type	Defect Des	Defect Description			CS Qty	Maint Qty	
205 E	xposed Rebar	-	[PROMPT ACTION REQUEST] 4.5' X 7" X 8" DEEP SPALL WITH EXPOSED REBAR ON SOUTHEAST CORNER			1	5	5 Each
Ge	neral Comments							

Ben	t 5	Cap 1						
Reir	nforced Concrete	Pier Cap						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	28	9	10	9	0 F	eet
lemen	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	40" x 7" AREA OF DELAMINATI CRACK ON EAST FACE UNDER		ZONTAL	3	4	4	Feet
234	Delamination/Spall	20" X 10" X 2" DEEP SPALL ON WEST FACE UNDER GIRDER 1		3	2	2	Feet	
234	Delamination/Spall	32" x 14" x 3" DEEP SPALL AN	D DELAMINATED AF	REA ON	3	3	3	Feet

Structure	Number: <u>630029</u>			Inspec	tion Date: <b>03/10/2022</b>
234	Cracking (RC and Other)	1/64" VERTICAL CRACKING	2	6	Feet
234	Cracking (RC and Other)	12" hairline horizontal crack on Span 6 face under Bay 3	2	1	Feet
234	Patched Area	34" x 7" x 5" DEEP SPALL ON WEST FACE UNDER GIRDER 2 (PATCHED)	2	3	Feet
	General Comments				

Bent 5		Pile 1						
Reinford	ced Concrete	Column						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	205 Reinforced Concrete Column		n 1 0		0	1	0 E	ach
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
205 Exp	osed Rebar	37" x 5" x 2 1/2" deep spall with exposed rebar and area of delamination on Northeast corner (PAR)			3	1	4	Each
	eral Comments			area of	3	1	_	4

Bent 5 Reinfor	ced Concrete	: Column						
Element Number 205		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
205 Exp	oosed Rebar	[PROMPT ACTION REQUEST] 4 EXPOSED REBAR AND AREA ( Southeast CORNER	3	1	5 Each			

Bent 6		Cap 1						
Reinf	orced Concrete	Pier Cap						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	28	18	7	3	0 F	eet
lement lumber	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	12" x 4" x 2" deep spall on Span 7	7 face under Beam	4	3	1	1	Feet
234 E	Exposed Rebar	18" x 9" x 3" DEEP SPALL WITH I EAST FACE UNDER GIRDER 3 (P		ON	3	2	2	Feet
	Cracking (RC and Other)	1/64" VERTICAL CRACKING			2	6		Feet
234 [	Delamination/Spall	7" x 2" x 1" deep spall on Span 7	face under Beam 2	2	2	1		Feet

Bent 6		Pile 2						
Reinfor	ced Concrete Column							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column		1	0	0	1	0 Each	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure Number: 630029 Inspection Date: <u>03/10/2022</u>

12" x 6" x 1 1/2" DEEP SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Northwest CORNER AT STRUT (PAR) 205 **Exposed Rebar** 

1 Each

**General Comments** 

Vegetation growth

### **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 1	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 1	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 1	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 1	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 2	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 2	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 2	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 2	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 3	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 3	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 3	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 3	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 4	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 4	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 4	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 4	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 5	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 5	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 5	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 5	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 5	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418

### **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 6	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 6	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 6	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 6	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 6	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 6	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 6	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1268
Span 7	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1418
Span 7	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 7	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 7	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 7	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	45
Span 7	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 7	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	45
Span 7	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 7	Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1268
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	36
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	36
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 4	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 5	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 6	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 6	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 6	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1

# **General Inspection Notes**

Bent 6 Pile 1

Vegetation growth

# **National Bridge and NC Inspection Items**

Structure Number: 630029 Inspection Date: 03/10/2022

### **National Bridge Inventory Items**

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	7	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	5	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	5	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	8	
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	F		
Slope Protection	G, F, P, or C	F	7	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	F	2	3350
Field Scour Evaluation		О		
Drift	G, F, P, or C	G	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	Υ
Inspection Time	Hours	7
Traffic Control Time	Hours	5
Snooper Time	Hours	4
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	Υ

### National Bridge and NC SMU Inspection Item Details

Structure Number: 630029 Inspection Date: 03/10/2022

Item Slope Protection Grade F Maint Code 3352 Qty. 7 Details 4' x 1' deep undermining under End Bent 1 slope protection at North end (South end similar) (PAR) 2' x 18" deep undermining under End Bent 2 slope protection at North end (South end similar) (PAR) Utilities Item Grade F **Maint Code Qty.** 0 Details Disconnected utility in Span 5 (Span 4 similar) **Qty.** 2 Item Wingwalls Grade F Maint Code 3350 Details (2) up to 5" x 2" x 1" deep spalls on Northwest wingwall 14" x 13" x 1 1/2" deep spall on Southeast wingwall Portion of structure in > 3' of water (Y or N) **Maint Code** Item Grade Y **Qty.** 0

Details Bents 2-4 have portions up to 7' of water



Span 7 Beam 1: 2" x 11" x 4" deep spall with exposed rebar on left side of beam at Bent 6 (PAR)



Span 6 Beam 1: [PROMPT ACTION REQUEST] 7" LONG x 12" TALL x 3" DEEP SPALL WITH EXPOSED REBAR ON LEFT SIDE OF BEAM END AT BENT 6, NO MEASURABLE SECTION LOSS



Span 6 Beam 2: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR ON BOTH SIDES OF BEAM END AT BENT 6, NO MEASURABLE SECTION LOSS



Span 7 Beam 2: 4" LONG x 19" TALL x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON RIGHT SIDE OF BEAM END AT BENT 6 (PAR)



Span 6 Beam 3: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 4" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON LEFT SIDE OF BEAM END AT BENT 6 AND 8" LONG x 10" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON RIGHT SIDE OF BEAM END OVER BENT 6



Span 6 Beam 3: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 4" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON LEFT SIDE OF BEAM END AT BENT 6 AND 8" LONG x 10" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON RIGHT SIDE OF BEAM END OVER BENT 6



Span 6 Beam 3: (2) up to 11" long 1/16" horizontal cracks on right side of beam at Bent 6



Span 7 Deck: 14" x 9" x 1" DEEP, 8" DIAMETER x 1 1/2" DEEP, AND 2" x 6" x 1/2" DEEP SPALLS ALL EXPOSING REBAR AND AREA OF DELAMINATION IN RIGHT OVERHANG AT DRAIN 4



Span 6 Beam 4: 4' x 6" DELAMINATED AREA WITH 1/8" HORIZONTAL CRACKING



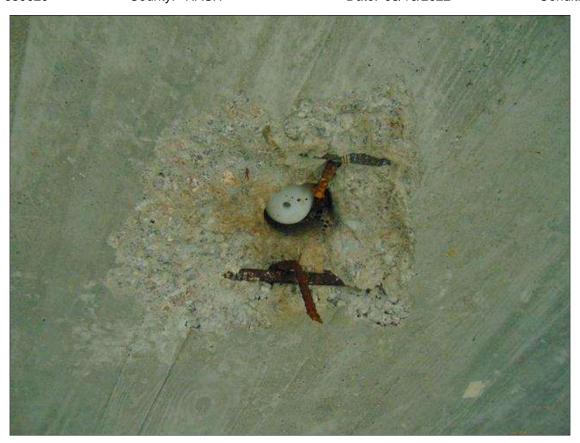
Bent 6 Cap 1: 18" x 9" x 3" DEEP SPALL WITH EXPOSED REBAR ON EAST FACE UNDER GIRDER 3 (PAR)



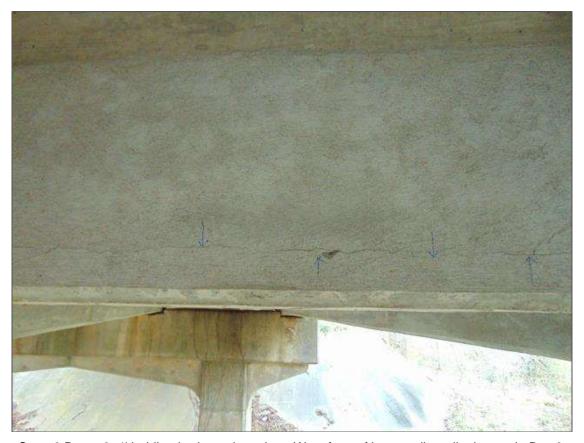
Span 6 Beam 1: 16" x 14" x 1" deep spall with exposed rebar and area of delamination on bottom of beam near midspan



Span 6 Beam 1: 20" x 16" area of patch with 3 1/2" x 3" x 1/2" deep spall on bottom of beam near midspan



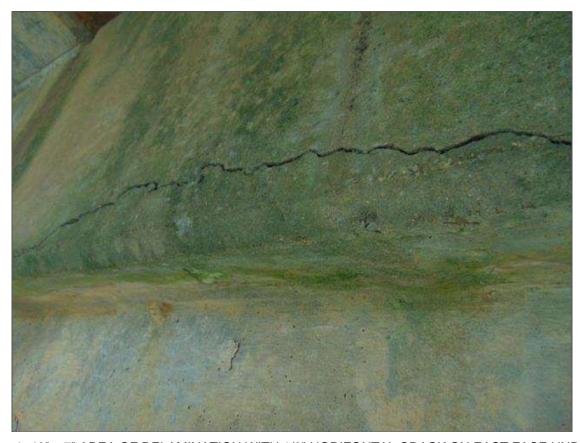
Span 6 Deck: 16" x 14" x 3" deep spall with exposed rebar on bottom of deck in Bay 3 near midspan (Bay 1 similar)



Span 6 Beam 3: 4' hairline horizontal crack on West face of intermediate diaphragm in Bay 3



Bent 5 Cap 1: 32" x 14" x 3" DEEP SPALL AND DELAMINATED AREA ON WEST FACE UNDER GIRDER 4 (PAR)



Bent 5 Cap 1: 40" x 7" AREA OF DELAMINATION WITH 1/8" HORIZONTAL CRACK ON EAST FACE UNDER Bay 2



Bent 5 Pile 1: 37" x 5" x 2 1/2" deep spall with exposed rebar and area of delamination on Northeast corner (PAR)



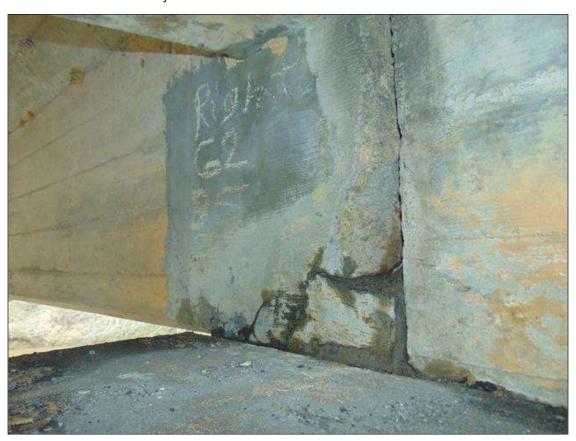
Bent 5 Pile 2: [PROMPT ACTION REQUEST] 4.75' x 8" x 8" SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Southeast CORNER



Span 5 Beam 3: 14" x 18" area of sound patch on right side of beam at Bent 5



Span 5 Beam 3: [PROMPT ACTION REQUEST] 7" LONG x 18" TALL x 5" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 20" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS



Span 5 Beam 2: [PROMPT ACTION REQUEST] 6" LONG x 18" TALL x 4" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 10" AREA OF PATCH ON RIGHT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS



Span 6 Beam 2: 36" x 5" x 2" deep spall with exposed rebar and area of delamination on Bent 5 diaphragm in Bay 2



Span 5 Beam 1: [PROMPT ACTION REQUEST] 26" x 14" x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS AROUND THE REBAR AS A RESULT OF POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP PTO 50% SECTION LOSS.



Span 5 Beam 1: [PROMPT ACTION REQUEST] 32" x 18" x 3" DEEP SPALL WITH EXPOSED REBAR ON BOTTOM OF GIRDER WITH 12" x 4" x 5" DEEP SPALL ON LEFT SIDE OF BEAM END AT BENT 5 WITH VOIDS RESULTING FROM POOR CONSOLIDATION. APPROXIMATELY 50% OF BEARING AREA HAS BEEN LOST. THERE IS UP TO 50% SECTION LOSS ON THE SECONDARY REINFORCING.



Span 5 Beam 4: [PROMPT ACTION REQUEST] 3.5' x 18" x 4" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS IN THE CONCRETE RESULTING FROM POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP TO 50% SECTION LOSS.



Span 5 Beam 4: [PROMPT ACTION REQUEST] 3' x 15" x 5" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT 15' FROM BENT 4, NO MEASURABLE SECTION LOSS



Span 5 Right Bridge Rail: 8" x 3" x 1/2" deep spall with exposed rebar on West face of Post 6 bracket



Bent 4 Pile 2: [PROMPT ACTION REQUEST] 4.5' x 7" x 8" DEEP SPALL WITH EXPOSED REBAR ON Southeast CORNER



Span 4 Beam 1: GIRDER END AT BENT 4, LEFT SIDE, DIAGONAL CRACKING TO 3/16" WIDE x APPROXIMATELY 15" LONG WITH ASSOCIATEED DELAMINATION



Span 4 Beam 2: [PROMPT ACTION REQUEST] 8" x 18" x 4 1/2" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR



Span 4 Beam 3: [PROMPT ACTION REQUEST] 7" x 9" x 5" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR



Disconnected utility in Span 5 (Span 4 similar)



Bent 3 Pile 2: [PROMPT ACTION REQUEST] 2' DOWN FROM CAP, [2] AREAS OF SPALLING WITH EXPOSED REBAR AND AREA OF DELAMINATION UP TO 3' HIGH x 12" WIDE x 3" DEEP WITH NO MEASURABLE SECTION LOSS ON Span 4 FACE



Span 2 Beam 4: 2 1/2" x 5" x 1/2" deep spall with exposed rebar on left side of beam at Bent 2 (PAR)



Bent 2 Pile 2: 38" x 18" area of delamination with 1/16" transverse cracks on top of strut between Columns 1 and 2



Bent 2 Pile 1: 44" x 9" x 8" SPALL WITH EXPOSED REBAR ON Northwest CORNER (PAR)



Bent 2 Cap 1: 20" x 12" x 8" DEEP SPALL AND DELAMINATED AREA ON WEST FACE UNDER GIRDER 3



Bent 2 Pile 2: [PROMPT ACTION REQUEST] 50" x 10" x 8" SPALL WITH EXPOSED REBAR ON Southwest CORNER



Bent 1 Pile 1: EAST FACE ON THE STRUCT, SPALLING WITH EXPOSED REBAR [APPROXIMATELY (3) UP TO 12" x 4" x 1" DEEP], NO MEASURABLE SECTION LOSS



Span 1 Beam 4: 6" LONG x 6" TALL SPALLING UP TO 2" DEEP AND ARE OF DELAMINATION ON BEAM END OVER BENT 1, LEFT SIDE



Span 1 Beam 3: 6" LONG x 19" TALL SPALLING AND AREA OF DELAMINATION ON BEAM END OVER BENT 1, RIGHT (PAR)



Span 7 Left Bridge Rail: 18" x 12" area of hairline map cracking on curb at End Bent 2



Span 5 Left Bridge Rail: 5" x 4" x 1" deep spall on rail near Post 1



Span 7 Wearing Surface: 30 square feet up to 1/8" transverse crack at End Bent 2



Span 7 Wearing Surface: 30 square feet up to 1/8" transverse crack with (4) up to 12" x 3" x 2" deep area of missing asphalt wearing surface at Bent 6



Span 6 Wearing Surface: Full width transverse crack with (2) up to 56" x 6" x 2" deep area of missing asphalt wearing surface at Bent 5



Span 5 Right Bridge Rail: (5) up to 4 1/2" x 2" x 1/2" deep spalls with exposed rebar on curb face



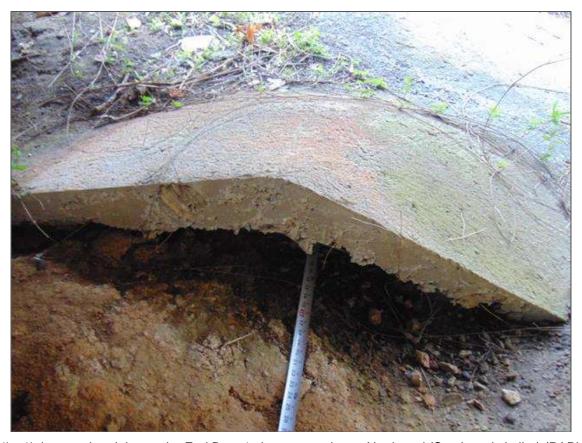
Span 1 Right Bridge Rail: 12" x 11" x 5" DEEP SPALL WITH EXPOSED REBAR ON POST 2



Span 1 Left Bridge Rail: (3) UP TO 5" x 1" x 1/4" DEEP SPALLS WITH EXPOSED REBAR ON CURB NEAR POST 7



(2) up to 5" x 2" x 1" deep spalls on Northwest wingwall



4' x 1' deep undermining under End Bent 1 slope protection at North end (South end similar) (PAR)



Vegetation growth on End Bent 1 cap at South end



End Bent 2 Cap 1: 2.5' x 8" x 5" DELAMINATION AND 1/16" CRACKING IN Bay 1



2' x 18" deep undermining under End Bent 2 slope protection at North end (South end similar) (PAR)



Span 7 Beam 4: 3.5' x 24" x 3/4" DEEP SPALL WITH EXPOSED REBAR ON RIGHT SIDE AT 6' FROM END BENT 2, NO MEASURABLE SECTION LOSS

Structure: 630029 County: NASH Date: 03/10/2022 Condition Photos



14" x 13" x 1 1/2" deep spall on Southeast wingwall



Bent 6 Pile 2: 12" x 6" x 1 1/2" DEEP SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Northwest CORNER AT STRUT (PAR)

# Stream Bed Soundings (Profile diagram on following sheet)

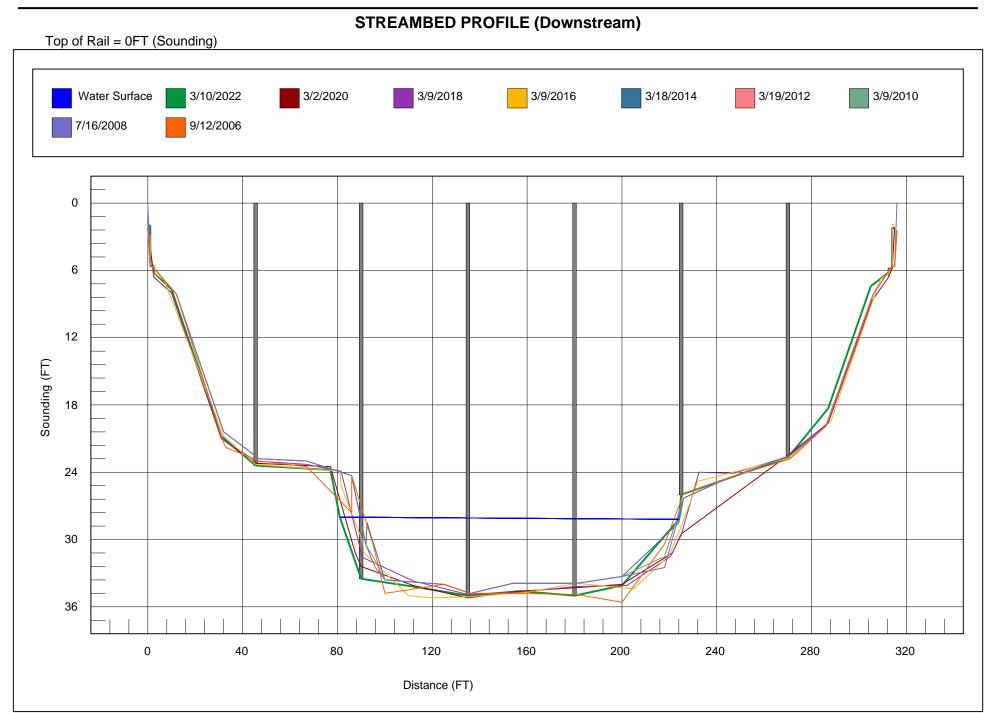
County NASH Inspection Date 03/11/2022 Structure Number: 630029

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 20 

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.000	0.000	TOP OF BACKWALL
1.000	2.000	0.000	TOP OF BACKWALL
1.100	5.600	0.000	TOP OF CAP
2.500	5.600	0.000	TOP OF CAP
2.600	6.200	6.100	FACE OF CAP
10.000	7.700	0.000	
31.000	20.800	0.000	
45.500	23.400	24.700	BENT 1
77.000	23.800	0.000	
81.000	28.000	0.000	WATER SURFACE/WATER EDGE (WS/WE)
90.000	33.500	32.900	BENT 2
112.000	34.200	0.000	
135.000	35.000	34.800	BENT 3
157.000	34.600	0.000	
180.000	35.000	35.000	BENT 4
200.000	34.100	0.000	
224.000	28.200	0.000	WATER SURFACE (WS)
225.000	26.000	31.800	BENT 5
270.000	22.700	22.100	BENT 6
287.000	18.300	0.000	BOTTOM OF SLOPE PROTECTION
305.000	7.400	0.000	TOP OF SLOPE PROTECTION
312.400	6.200	6.200	FACE OF CAP
312.500	5.800	0.000	TOP OF CAP
313.900	5.800	0.000	TOP OF CAP
314.000	2.200	0.000	TOP OF BACKWALL
315.000	2.200	0.000	TOP OF BACKWALL

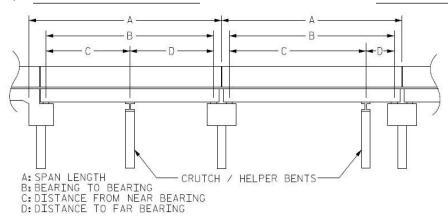
Bridge: 630029 County: NASH Date: 03/10/2022



#### **Structure Data Worksheet**

#### **Span Profile**

County: NASH Structure Number: 630029



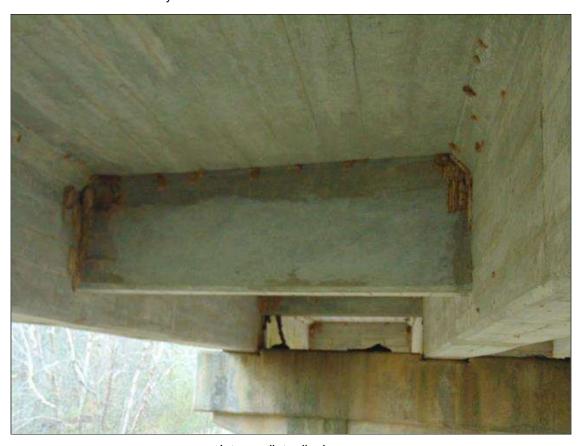
Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	45.000	43.646			
2	45.000	43.813			
3	45.000	43.813			
4	45.000	43.813			
5	45.000	43.813			
6	45.000	43.813			
7	45.000	43.646			



Bent 5 (Bents 1-4, 6 similar)



Bent bearing (Beam 3, Bent 6 shown)



Intermediate diaphragm



Bent diaphragm



Underside of superstructure (Span 5 shown)



Downstream profile, looking North



(4) 4" diameter utilities in North overhang



Upstream profile, looking South



Looking East



Northwest guardrail end treatment (All others similar)



Northwest guardrail post spacing (All others similar)



Northwest guardrail transition (All others similar)



Southwest guardrail attachment (All others similar)



North bridge rail (South bridge rail similar)



West approach



Upstream view, looking North



Downstream view, looking South



East approach



Looking West



Bridge plaque at Northeast corner (Southwest corner similar)



Northwest wingwall (All others similar)



End Bent 1 (End Bent 2 similar)

Bridge: 630029 County NASH Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
<b>3306</b>	Maintain Concrete Superstructure Components	SF	1	Span 2 Beam 4: 2 1/2" x 5" x 1/2" deep spall with exposed rebar on left side of beam at Bent 2 (PAR)	
3306	Maintain Concrete Superstructure Components	SF	1	[PROMPT ACTION REQUEST] 8" x 18" x 4 1/2" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR	
3306	Maintain Concrete Superstructure Components	SF	1	Span 4 Beam 3: [PROMPT ACTION REQUEST] 7" x 9" x 5" DEEP SPALL WITH EXPOSED REBAR WITH 19" x 19" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 4; RIGHT SIDE SIMILAR	
3306	Maintain Concrete Superstructure Components	SF	3	Span 5 Beam 1: [PROMPT ACTION REQUEST] 32" x 18" x 3" DEEP SPALL WITH EXPOSED REBAR ON BOTTOM OF GIRDER WITH 12" x 4" x 5" DEEP SPALL ON LEFT SIDE OF BEAM END AT BENT 5 WITH VOIDS RESULTING FROM POOR CONSOLIDATION. APPROXIMATELY 50% OF BEARING AREA HAS BEEN LOST. THERE IS UP TO 50% SECTION LOSS ON THE SECONDARY REINFORCING.	
3306	Maintain Concrete Superstructure Components	SF	3	Span 5 Beam 1: [PROMPT ACTION REQUEST] 26" x 14" x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS AROUND THE REBAR AS A RESULT OF POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP PTO 50% SECTION LOSS.	
3306	Maintain Concrete Superstructure Components	SF	1	Span 5 Beam 2: [PROMPT ACTION REQUEST] 6" LONG x 18" TALL x 4" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 10" AREA OF PATCH ON RIGHT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS	

County NASH Bridge: 630029 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	2	Span 5 Beam 3: [PROMPT ACTION REQUEST] 7" LONG x 18" TALL x 5" DEEP SPALL WITH EXPOSED REBAR WITH ADJACENT 16" x 20" AREA OF PATCH ON LEFT SIDE OF BEAM END AT BENT 5, NO MEASURABLE SECTION LOSS	
3306	Maintain Concrete Superstructure Components	SF	4	Span 5 Beam 4: [PROMPT ACTION REQUEST] 3.5' x 18" x 4" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT MIDSPAN. THERE ARE VOIDS IN THE CONCRETE RESULTING FROM POOR CONSOLIDATION. THE SECONDARY REINFORCING HAS UP TO 50% SECTION LOSS.	
3306	Maintain Concrete Superstructure Components	SF	3	Span 5 Beam 4: [PROMPT ACTION REQUEST] 3' x 15" x 5" DEEP SPALL WITH EXPOSED REBAR ON UNDERSIDE AT 15' FROM BENT 4, NO MEASURABLE SECTION LOSS	
3306	Maintain Concrete Superstructure Components	SF	1	Span 6 Beam 1: [PROMPT ACTION REQUEST] 7" LONG x 12" TALL x 3" DEEP SPALL WITH EXPOSED REBAR ON LEFT SIDE OF BEAM END AT BENT 6, NO MEASURABLE SECTION LOSS	
3306	Maintain Concrete Superstructure Components	SF	1	Span 6 Beam 2: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR ON BOTH SIDES OF BEAM END AT BENT 6, NO MEASURABLE SECTION LOSS	
3306	Maintain Concrete Superstructure Components	SF	1	Span 6 Beam 3: [PROMPT ACTION REQUEST] 5" LONG x 19" TALL x 4" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON LEFT SIDE OF BEAM END AT BENT 6 AND 8" LONG x 10" TALL x 2 1/2" DEEP SPALL WITH EXPOSED REBAR [NO MEASURABLE SECTION LOSS] ON RIGHT SIDE OF BEAM END OVER BENT 6	
3306	Maintain Concrete Superstructure Components	SF	1	Span 7 Beam 1: 2" x 11" x 4" deep spall with exposed rebar on left side of beam at Bent 6 (PAR)	

County NASH Bridge: 630029 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	1	Span 7 Beam 2: 4" LONG x 19" TALL x 3 1/2" DEEP SPALL WITH EXPOSED REBAR ON RIGHT SIDE OF BEAM END AT BENT 6 (PAR)	
3306	Maintain Concrete Superstructure Components	SF	1	Span 1 Beam 3: 6" LONG x 19" TALL SPALLING AND AREA OF DELAMINATION ON BEAM END OVER BENT 1, RIGHT (PAR)	
3348	Maintain Concrete Substructure Components	LF	4	Bent 2 Pile 1: 44" x 9" x 8" SPALL WITH EXPOSED REBAR ON Northwest CORNER (PAR)	
3348	Maintain Concrete Substructure Components	LF	5	Bent 2 Pile 2: [PROMPT ACTION REQUEST] 50" x 10" x 8" SPALL WITH EXPOSED REBAR ON Southwest CORNER	
3348	Maintain Concrete Substructure Components	LF	6	Bent 3 Pile 2: [PROMPT ACTION REQUEST] 2' DOWN FROM CAP, [2] AREAS OF SPALLING WITH EXPOSED REBAR AND AREA OF DELAMINATION UP TO 3' HIGH x 12" WIDE x 3" DEEP WITH NO MEASURABLE SECTION LOSS ON Span 4 FACE	
3348	Maintain Concrete Substructure Components	LF	5	Bent 4 Pile 2: [PROMPT ACTION REQUEST] 4.5' x 7" x 8" DEEP SPALL WITH EXPOSED REBAR ON Southeast CORNER	
3348	Maintain Concrete Substructure Components	LF	4	Bent 5 Pile 1: 37" x 5" x 2 1/1" deep spall with exposed rebar and area of delamination on Northeast corner (PAR)	
3348	Maintain Concrete Substructure Components	LF	5	Bent 5 Pile 2: [PROMPT ACTION REQUEST] 4.75' x 8" x 8" SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Southeast CORNER	
3348	Maintain Concrete Substructure Components	LF	2	Bent 6 Cap 1: 18" x 9" x 3" DEEP SPALL WITH EXPOSED REBAR ON EAST FACE UNDER GIRDER 3 (PAR)	
3348	Maintain Concrete Substructure Components	LF	1	Bent 6 Pile 2: 12" x 6" x 1 1/2" DEEP SPALL WITH EXPOSED REBAR ON Northwest CORNER AT STRUT (PAR)	

Bridge: 630029 County NASH Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3348	Maintain Concrete Substructure Components	LF	3	Bent 5 Cap 1: 32" x 14" x 3" DEEP SPALL AND DELAMINATED AREA ON WEST FACE UNDER GIRDER 4 (PAR)	
3352	Maint Slope Protection	SF	8	4' x 1' deep undermining under End Bent 1 slope at North end (South end similar) (PAR)	
3352	Maint Slope Protection	SF	6	2' x 18" deep undermining under End Bent 2 slope at North end (South end similar) (PAR)	



Bridge: 630029 County NASH

MMS Code	MMS	MMS Description					
3306	Maint	Maintain Concrete Superstructure Components					
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenance	е	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/11/2022		Jonatha	n M. Simpson				
Details							
Span 2 Bear	m 4: 2 1	/2" x 5" x	1/2" deep spall with exposed reba	r on left side of beam at Bent 2 (PAF	<b>!</b> )		

MMS Code	MMS Description				Quantity	
3306	Mainta	ain Conc	rete Superstructure Components		1	SF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maint	tenance	Э	Division Bridge Maintenance Notification			
Submitted Da	ate: S	Submitte	d By:	Assisted By:		
03/11/2022		Jonatha	n M. Simpson			
Details						
			ST] 8" x 18" x 4 1/2" DEEP SPALL BEAM END AT BENT 4; RIGHT SI	WITH EXPOSED REBAR WITH 19" DE SIMILAR	x 19" AREA	. OF

Bridge: 630029 County NASH

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

MMS Code	MMS Description					
3306	Maintain Con	Maintain Concrete Superstructure Components				
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
03/11/2022	Jonatha	an M. Simpson				
Details						
		ACTION REQUEST] 7" x 9" x 5" DE SIDE OF BEAM END AT BENT 4;	EEP SPALL WITH EXPOSED REBA RIGHT SIDE SIMILAR	R WITH 19"	x 19"	

MMS Code	MN	1S Descrip	otion		Quantity	
3306	Mair	ntain Cond	crete Superstructure Components		3	SF
Location:						
Bent/Span No.						
Priority Level Status		Status				
Priority Maint	enan	се	Division Bridge Maintenance Noti	fication		
Submitted Da	ate:	Submitte	d By:	Assisted By:		
03/11/2022		Jonathan M. Simpson				
Details	Details					
Span 5 Beam 1: [PROMPT ACTION REQUEST] 32" x 18" x 3" DEEP SPALL WITH EXPOSED REBAR ON BOTTOM						

Span 5 Beam 1: [PROMPT ACTION REQUEST] 32" x 18" x 3" DEEP SPALL WITH EXPOSED REBAR ON BOTTOM OF GIRDER WITH 12" x 4" x 5" DEEP SPALL ON LEFT SIDE OF BEAM END AT BENT 5 WITH VOIDS RESULTING FROM POOR CONSOLIDATION. APPROXIMATELY 50% OF BEARING AREA HAS BEEN LOST. THERE IS UP TO 50% SECTION LOSS ON THE SECONDARY REINFORCING.

Bridge: 630029 County NASH

MMS Code	MMS Descri	MMS Description					
3306	Maintain Con	aintain Concrete Superstructure Components					
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/11/2022	Jonath	an M. Simpson					
Details							
UNDERSIDE	E AT MIDSPAN		1/2" DEEP SPALL WITH EXPOSED HE REBAR AS A RESULT OF POOR JP PTO 50% SECTION LOSS.				

MMS Code	MMS De	MMS Description				
3306	Maintain (	onc	crete Superstructure Components		1	SF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mainte	enance		Division Bridge Maintenance Noti	fication		
Submitted Da	te: Subr	nitte	d By:	Assisted By:		
03/11/2022	Jon	atha	n M. Simpson			
Details						
	ENT 16" x			" TALL x 4" DEEP SPALL WITH EXF E OF BEAM END AT BENT 5, NO M		

Bridge: 630029 County NASH

MMS Code	MMS Descr	ption		Quantity			
3306	Maintain Cor	crete Superstructure Components		2	SF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Noti	fication				
Submitted D	ate: Submitte	ed By:	Assisted By:				
03/11/2022	Jonath	an M. Simpson					
Details							
	CENT 16" x 20		" TALL x 5" DEEP SPALL WITH EXF OF BEAM END AT BENT 5, NO ME				

MMS Code	MN	MMS Description			Quantity			
3306	Mai	Maintain Concrete Superstructure Components 4			4	SF		
Location:								
			Bent/Span No.					
Priority Leve	Priority Level		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				
03/11/2022		Jonatha	n M. Simpson					
Details								
UNDERSID	E AT I	MIDSPAN.		DEEP SPALL WITH EXPOSED REI ICRETE RESULTING FROM POOR IP TO 50% SECTION LOSS.	BAR ON			

Bridge: 630029 County NASH

MMS Code	MMS Descri	otion		Quantity			
3306	Maintain Con	ain Concrete Superstructure Components			SF		
Location:	Location:						
		Bent/Span No.					
Priority Level		Status		3 SF			
Priority Maint	tenance	Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/11/2022	Jonatha	an M. Simpson					
Details							
		ACTION REQUEST] 3' x 15" x 5" D BENT 4, NO MEASURABLE SECT	EEP SPALL WITH EXPOSED REBATION LOSS	AR ON			

MMS Code	MN	IS Description Quantity						
3306	Maii	ntain Cond	crete Superstructure Components	e Superstructure Components 1 Si				
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Maintenance		ce	Division Bridge Maintenance Noti	ication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/11/2022		Jonatha	n M. Simpson					
Details								
			ACTION REQUEST] 7" LONG x 12 ND AT BENT 6, NO MEASURABL	" TALL x 3" DEEP SPALL WITH EXF E SECTION LOSS	POSED REE	BAR		

Bridge: 630029 County NASH

MMS Code	MMS Descri	ption		Quantity			
3306	Maintain Con	crete Superstructure Components	1	SF			
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/11/2022	Jonatha	an M. Simpson					
Details							
		ACTION REQUEST] 5" LONG x 19 OF BEAM END AT BENT 6, NO ME	" TALL x 2 1/2" DEEP SPALL WITH ASURABLE SECTION LOSS	EXPOSED			

MMS Code	MN	MMS Description Quantity						
3306			ntain Concrete Superstructure Components 1 S					
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/11/2022		Jonatha	n M. Simpson					
Details								
NO MEASU	JRABI L WIT	E SECTIO	ON LOSS] ON LEFT SIDE OF BEA	" TALL x 4" DEEP SPALL WITH EXF AM END AT BENT 6 AND 8" LONG x ECTION LOSS] ON RIGHT SIDE OF	10" TALL x	2 1/2"		

Bridge: 630029 County NASH

Maintain Cana		MMS Description				
Maintain Cond	crete Superstructure Components	1	SF			
Location:						
	Bent/Span No.					
	Status					
enance	Division Bridge Maintenance Notification					
te: Submitte	d By:	Assisted By:				
Jonatha	n M. Simpson					
1: 2" x 11" x 4	" deep spall with exposed rebar on	left side of beam at Bent 6 (PAR)				
t	e: Submitte  Jonatha	Status  nance Division Bridge Maintenance Notif e: Submitted By:  Jonathan M. Simpson	Status  nance Division Bridge Maintenance Notification  e: Submitted By: Assisted By:	Status  nance Division Bridge Maintenance Notification  e: Submitted By: Assisted By:  Jonathan M. Simpson		

MMS Code	MMS	MMS Description Quantity						
3306	Mainta	ain Conc	rete Superstructure Components	ete Superstructure Components 1 SF				
Location:								
			Bent/Span No.					
Priority Level			Status	us				
Priority Maint	tenance	)	Division Bridge Maintenance Notif	fication				
Submitted Da	ate: S	Submitted	d By:	Assisted By:				
03/11/2022	,	Jonathai	n M. Simpson					
Details								
Span 7 Beam END AT BEN			19" TALL x 3 1/2" DEEP SPALL W	ITH EXPOSED REBAR ON RIGHT S	SIDE OF BE	AM		

Bridge: 630029 County NASH

MMS Code	MM	S Descrip	otion		Quantity			
3306	Main	tain Cond	crete Superstructure Components	e Superstructure Components 1 SF				
Location:	Location:							
			Bent/Span No.					
Priority Leve	·		Status					
Priority Main	tenanc	е	Division Bridge Maintenance Noti	fication	1 SF			
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/16/2022		Jonatha	n M. Simpson					
Details								
Span 1 Bear RIGHT (PAF		LONG x	19" TALL SPALLING AND AREA (	OF DELAMINATION ON BEAM END	OVER BEN	T 1,		

MMS Code	MN	MMS Description						
3348	Mai	ntain Cond	crete Substructure Components		4	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		tatus					
Priority Main	itenan	ce	Division Bridge Maintenance Noti	iication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/11/2022		Jonatha	n M. Simpson					
Details								
Bent 2 Pile 1	1: 44"	x 9" x 8" S	PALL WITH EXPOSED REBAR O	N Northwest CORNER (PAR)				

Bridge: 630029 County NASH

MMS Code	MMS	S Descrip	otion		Quantity				
3348	Maint	tain Cond	crete Substructure Components	e Substructure Components 5 LF					
Location:									
			Bent/Span No.						
Priority Level			Status						
Priority Main	itenanc	е	Division Bridge Maintenance Notif	aintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:					
03/11/2022		Jonatha	n M. Simpson						
Details									
Bent 2 Pile 2 CORNER	2: [PRO	MPT AC	TION REQUEST] 50" x 10" x 8" SF	PALL WITH EXPOSED REBAR ON S	outhwest				

MMS Code	MN	ИS Descrip	ption Quantity					
3348	Mai	ntain Cond	crete Substructure Components	te Substructure Components 6 LF				
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				
03/11/2022		Jonatha	n M. Simpson					
Details								
	D ĀRE	A OF DEI		CAP, [2] AREAS OF SPALLING WI WIDE x 3" DEEP WITH NO MEASU				

Bridge: 630029 County NASH

MMS Code	MMS Descr	MMS Description Quantity					
3348	Maintain Cor	crete Substructure Components		5	LF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitt	ed By:	Assisted By:				
03/11/2022	Jonath	an M. Simpson					
Details							
Bent 4 Pile 2 CORNER	Bent 4 Pile 2: [PROMPT ACTION REQUEST] 4.5' x 7" x 8" DEEP SPALL WITH EXPOSED REBAR ON Southeast						

MMS Code	MN	MMS Description Quantity					
3348	Mai	ntain Cond	crete Substructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/11/2022		Jonatha	n M. Simpson				
Details							
Bent 5 Pile 1: 37" x 5" x 2 1/1" deep spall with exposed rebar and area of delamination on Northeast corner (PAR)							

Bridge: 630029 County NASH

MMS Code	MMS Des	MMS Description Quantity					
3348	Maintain C	oncrete Substructure Components		5	LF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted D	ate: Subm	itted By:	Assisted By:				
03/11/2022	Jona	than M. Simpson					
Details							
	Bent 5 Pile 2: [PROMPT ACTION REQUEST] 4.75' x 8" x 8" SPALL WITH EXPOSED REBAR AND AREA OF DELAMINATION ON Southeast CORNER						

MMS Code	MN	MMS Description Quantity				
3348	Mai	ntain Cond	crete Substructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	evel Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
03/11/2022		Jonatha	n M. Simpson			
Details						
Bent 6 Cap	1: 18"	x 9" x 3" [	DEEP SPALL WITH EXPOSED RE	BAR ON EAST FACE UNDER GIRD	ER 3 (PAR)	)

Bridge: 630029 County NASH

MMS Code	MMS Descri	MMS Description Quantity					
3348	Maintain Con	crete Substructure Components		1	LF		
Location:							
		Bent/Span No.					
Priority Level		Status					
Priority Maint	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/11/2022	Jonath	an M. Simpson					
Details							
Bent 6 Pile 2:	Bent 6 Pile 2: 12" x 6" x 1 1/2" DEEP SPALL WITH EXPOSED REBAR ON Northwest CORNER AT STRUT (PAR)						

MMS Code	MN	MMS Description Quantity				
3348	Mai	ntain Cond	crete Substructure Components		3	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
03/16/2022		Jonatha	n M. Simpson			
Details						
Bent 5 Cap 1: 32" x 14" x 3" DEEP SPALL AND DELAMINATED AREA ON WEST FACE UNDER GIRDER 4 (PAR)						

Bridge: 630029 County NASH

MMS Description

MMS Code

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

Quantity

3352	Mai	nt Slope P	e Protection			SF
Location:	Location:					
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	Date:	Submitte	d By:	Assisted By:		
03/11/2022		Jonatha	ın M. Simpson			
Details						
4' x 1' deep	under	mining und	der End Bent 1 slope at North end	(South end similar) (PAR)		
MMS Code	N 415	40 Danasis	-t'		0	
		//S Descrip			Quantity	
3352	Mai	nt Slope P	rotection		6	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	Date:	Submitte	d By:	Assisted By:		
03/11/2022	Jonathan M. Simpson					
Details	Details					
2' x 18" dee	p unde	ermining u	nder End Bent 2 slope at North end	d (South end similar) (PAR)		

#### MEASUREMENTS TAKEN 200' EAST OF BRIDGE

Roadway	24ft Wide	2 Paved Lanes	Looking East
Left Shoulder	2ft Wide	2ft Paved	
Right Shoulder	2ft Wide	2ft Paved	
Left Guardrail			
Right Guardrail			

#### SKETCH VERIFIED 3/10/2022 BY JMS

Title		Description				
APPROACH ROADWAY			LOOKING EAST			
Bridge No: 630020	Drawn By: VMH		Date: 02/09/2010	File Name:S0026002776		

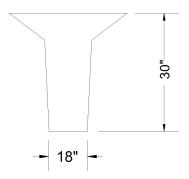
Deck Width/Out to Out 33.5ft			Between Rails			
Clear Roadway	28.167ft	Wearir	Wearing Surface			
Median Width			Median Height			
Curb Height		Left	0.583ft	Right	0.58	B3ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	2.667ft	Right	2.6	67ft
Top of Rail to Deck/Wearing Su	Left	2.292ft	Right	2.29	92ft	
Bridge Rail			Type 11	Right	Тур	e 11

#### ONE THRU LANE IN EACH DIRECTION

Measurements for Spans	1 thru 7		
Deck Thickness	0.563	Left Overhang	4.75
Top of Rail to Bottom of Beam	5.667	Right Overhang	4.75

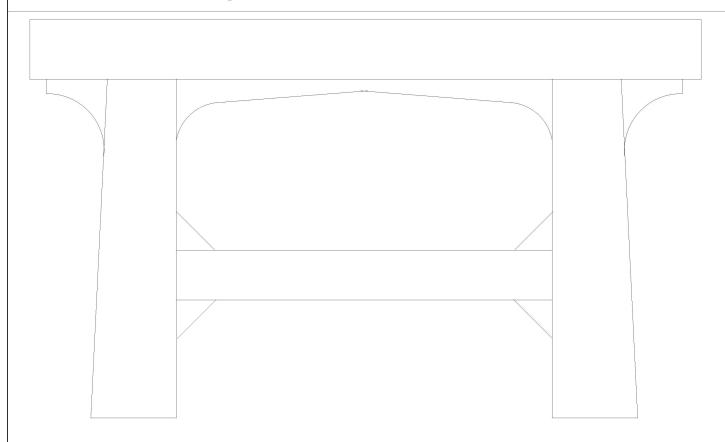
Beam Number	Beam Type	Spacing	Comments
1	RC Deck Girder	8.0ft	
2	RC Deck Girder	8.0ft	
3	RC Deck Girder	8.0ft	
4	RC Deck Girder		

<sup>\*</sup>AWS resurfaced since 2014 Inspection.



#### SKETCH VERIFIED 3/10/2022 BY JMS

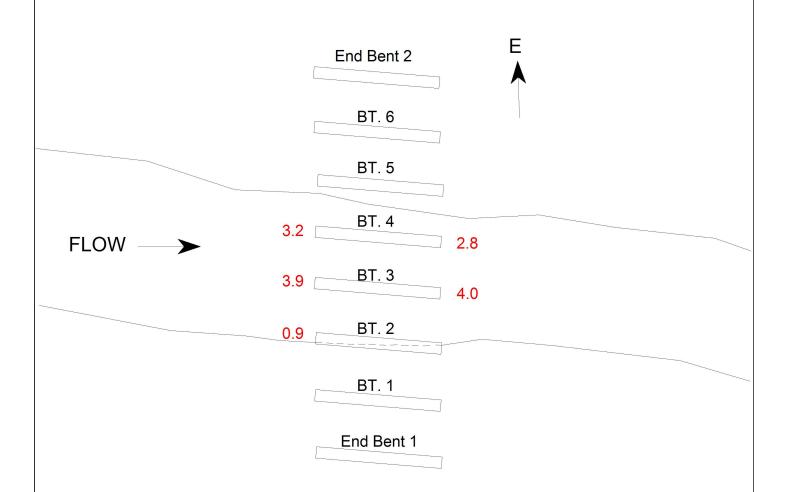
Title			Description			
TYPICAL SECTION			4 LINES OF RCDGs			
Bridge No: 630029	Drawn By: VMH		Date: 03/08/2010	File Name: \$0026002777		



Cap In	p Information Material Cast-in-Place Concrete											
Lengt	th Width	Height	Left Over	hang	Right Overhang		Left Beam to End of Cap.		Right Beam to End of Cap.			
28.0	ft. 2.5 ft.	2.5 ft.	5.0 f	t.	5.0 ft.			1.58 ft.			1.58 ft.	
Subcap Information Material												
Length Width I		Height	Left Overhang		Right Overhang		Left Pile to Splice.					
Sill Information Material												
Length Width Height												
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	nent?	Removed?	Collar?
1	Concrete	18.0 ft.	2.5 ft.			Vert	ical	No	No		No	No
2	Concrete		2.5 ft.			Vertical		No	No		No	No
Bent: 1 Similar Bents: 2 thru 6												

#### SKETCH VERIFIED 3/10/2022 BY JMS

Title		Description				
BENT PROFILE			BENTS 1 THRU 6			
Bridge No: 630029	Drawn By: VMH		Date: 03/08/2010	File Name:S0014003574		



WS: 31.9 ft approximately 1' to East of Bent 2, South side

BOTTOM COMP: RIVER GRAVEL, BEDROCK

**BOTTOM PROBE: 4"** 

\*BENTS 2-4 INSPECTED FROM MUDLINE TO HIGH WATERMARK 6 FEET.

Title PLAN VIEW		Description PLAN VIEW			
Bridge No: 630029	Drawn By: JCB		Date: 3/14/2008	File Name: \$0162000179	

## **Bridge Inspection Field Sketch**

## **VERTICAL FOOTING EXPOSURES**

3-16-2020	NE	SE	NW	sw
BT 3 COL1	6"	6"	2"	6"
BT 3 COL2	6"	6" 6"		6"
BT 4 COL1	COV	COV	COV	COV
BT 4 COL2	COV	COV	COV	COV

## **VERTICAL FOOTING EXPOSURES**

3-26-2012	NE	SE	NW	SW
BT 3 COL1	7"	5"	2"	9"
BT 3 COL2	5"	8"	6"	11"
BT 4 COL1	COV	COV	COV	COV
BT 4 COL2	COV	COV	4"	COV

Title		Description			
VERTICAL FTG. EXPOSURE SHEET		VERTICAL FTG. EXPOSURE			
Bridge No:	630029	Drawn By: JCB		Date: 3/14/2008	File Name: \$0162000180

