

SHAWN AUSEL

ATTENTION: NEWLY STRUCTURALLY DEFICIENT. DECK SPALLING, BEAM SECTION LOSS & DIAPH. SPALLS, MISSING ANCHOR NUT, BENT SPALLING/DELAM, PILE DECAY, EROSION AT EB1 & 2, SLOPE PROTECTION. CHANGES TO TYP. SECTION & BENT

SKETCHES. NEW BENT & BEAM HOLE SKETCH

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 03/01/2022				
DIVISION: 12 COUNTY: LINCOLN STRUCTURE NUMBER: 540007	FREQ	UENCY: 24	MONT	HS
FACILITY CARRIED: NC182	MILE POST:			
LOCATION: 0.7 MI. E. JCT. SR1167				
FEATURE INTERSECTED: INDIAN CREEK				
LATITUDE: 35° 26' 29.97" LONGITUDE: 81° 22' 43.16"				
SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS				
SUBSTRUCTURE: EBTS & BT#1,3&4:RC CAP & TIMBER PILES, BT#2:RC CAP ON DOUB	BLE STEEL CA	APS & PILES		
SPANS: 5 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS				
FRACTURE CRITICAL TEMPORARY SHORING SCOUR CRITICAL		PLAN OF AC	TION	
GRADES: (Inspector/NBI Coding) DECK 5/5 SUPERSTRUCTURE 5/5 SUBSTRUCTURE	CTURE 4/4	CULVER	N/N	<u> </u>
POSTED SV: Not Posted POSTED TTST: Not Po	sted			
OTHER SIGNS PRESENT: (4) DELINEATORS	Sign noticed	1		Number
	issued for	WEIGHT		Required
		WEIGHT L		
	NO	DELINEAT	ORS	
	NO	NARROW BI	RIDGE	
- MIZETERAL TOTAL	NO	ONE LANE B	RIDGE	0
	NO	LOW CLEAR	ANCE	0
	INSPI	ETION OF ECTION ECTION ES PLANS	W-E NO F	PLANS
LOOKING STATIONS AHEAD, EAST				
INSPECTED BY SIGNATURE	ASSISTED BY	MATINI DI IQ	0	

IDENTIFICATION			
(1) STATE NAME NORTH CAROLINA BRIDGE	540007	SUFFICIENCY RATING	47.24
· ·	090007	STATUS = Structurally	/ Deficient
	001820	CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	12	(112) NBIS BRIDGE SYSTEM	YES
(3) COUNTY CODE (FEDERAL) 109 (4) PLACE CODE (6) FEATURE INTERSECTED INDIAN CREEK	00000	(104) HIGHWAY SYSTEM Inventory Route not on NHS	C
(7) FACILITY CARRIED NC182		(26) FUNCTIONAL CLASS Rural Major Collector	07
(9) LOCATION 0.7 MI. E. JCT. SR1167		(100) STRAHNET HIGHWAY Not a STRAHNET Route	(
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE No parallel structure exists	N
(12) BASE HIGHWAY NETWORK	0	(102) DIRECTION OF TRAFFIC 2-way traffic	2
(13) LRS INVENTORY ROUTE & SUBROUTE	1 42 46"	(103) TEMPORARY STRUCTURE	
(16) LATITUDE 35° 26' 29.97" (17) LONGITUDE 81° 22' (98) BORDER BRIDGE STATE CODE PERCENT SHARED	' 43.16"	(110) DESIGNATED NATIONAL NETWORK - on national network for trucks	,
(99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL On Free Road	;
		(21) MAINT -	0.
STRUCTURE TYPE AND MATERIAL ———		· '	
(43) STRUCTURE TYPE MAIN	Steel	(22) OWNER -	0.
TYPE Stringer/Multi-beam or girder CODE	302	(37) HISTORICAL SIGNIFICANCE -	:
(44) STRUCTURE TYPE APPROACH		CONDITION	CODE
TYPE CODE		(58) DECK	;
(45) NUMBER OF SPANS IN MAIN UNIT	4	(59) SUPERSTRUCTURE	
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE	•
(107) DECK STRUCTURE TYPE CODE	1	(61) CHANNEL & CHANNEL PROTECTION	(
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	ı
(A) TYPE OF WEARING SURFACE CODE	1	LOAD RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD H 15	:
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	•
AGE AND SERVICE		(64) OPERATING RATING - HS-28	5′
(27) YEAR BUILT	1951	(65) INVENTORY RATING METHOD -	1
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING HS-17	30
(42) TYPE OF SERVICE ON -	ighway	(70) BRIDGE POSTING No Posting Required	
OFF - Waterway CODE	15	(41) STRUCTURE OPEN, POSTED, OR CLOSED	ı
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	0	DESCRIPTION Open, no restriction	
(29) AVERAGE DAILY TRAFFIC	950	APPRAISAL	CODE
(30) YEAR OF ADT 2019 (109) TRUCK ADT PCT	7	(67) STRUCTURAL EVALUATION	4
(19) BYPASS OR DETOUR LENGTH	4.0	(68) DECK GEOMETRY	4
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERT & HORIZ	N
(48) LENGTH OF MAXIMUM SPAN	37.0	(71) WATERWAY ADEQUACY	7
(49) STRUCTURE LENGTH	189.0	(72) APPROACH ROADWAY ALIGNMENT	(
(50) CURB OR SIDEWALK: LEFT 1.0 RIGHT	1.0	(36) TRAFFIC SAFETY FEATURES	0000
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB (52) DECK WIDTH OUT TO OUT	24.0 28.3	(113) SCOUR CRITICAL BRIDGES	8
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)	20.0	PROPOSED IMPROVEMENTS	
(33) BRIDGE MEDIAN No median CODE	0	(75) TYPE OF WORK COD	E
(34) SKEW 30 (35) STRUCTURE FLARED	0	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9	(94) BRIDGE IMPROVEMENT COST	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	24.0 999.9	(95) ROADWAY IMPROVEMENT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR: REFERENCE	0.0		
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE N	0.0	(96) TOTAL PROJECT COST	
(56) MIN LAT UNDERCLEARANCE LT:	0.0	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
NAVICATION DATA		(114) FUTURE ADT 1,900 YEAR OF FUTURE ADT	2040
(38) NAVIGATION CONTROL - CODE	6	(90) INSPECTION DATE INSPECTION 03/22 (91) FREQUENCY	24
(111) PIER PROTECTION CODE	Ū	(92) CRITICAL FEATURE INSPECTION (93) CFI DAT	
	0.0	A) FRACTURE CRIT DETAIL A)	-
(39) NAVIGATION VERTICAL CLEARANCE	0.0		
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	B) UNDERWATER INSP B)	
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSP C)	
		SCOUR	

Superstructure Build Details

Skew 60.0000

Span Number 1 Span Length 38.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	969	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		
8	Other Bearing	Other Bearings	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	152	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1108

Span Number $\underline{2}$ Span Length $\underline{37.5000}$ Skew 60.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	957	Square Feet		
4	Plate Girder	Steel Open Girder/Beam	152	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1092
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		
1	Standard Joint	Pourable Joint Seal	30	Feet		
8	Other Bearing	Other Bearings	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8

Span Number $\underline{3}$ Span Length $\underline{37.5000}$ Skew 60.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
4	Plate Girder	Steel Open Girder/Beam	152	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1092
1	Standard Joint	Pourable Joint Seal	30	Feet		
8	Other Bearing	Other Bearings	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
1	Reinforced Concrete Deck	Reinforced Concrete Deck	957	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		

Span Number $\underline{4}$ Span Length $\underline{37.5000}$ Skew $\underline{60.0000}$

Number of Items		Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
4	Plate Girder	Steel Open Girder/Beam	152	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1092
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		

Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	957	Square Feet		
8	Other Bearing	Other Bearings	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
1	Standard Joint	Pourable Joint Seal	30	Feet		

 Span Number <u>5</u>
 Span Length <u>38.0000</u>
 Skew 60.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	30	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	969	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		
8	Other Bearing	Other Bearings	8	Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	152	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1108

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	О	Reinforced Concrete Deck	Deck	4809	67	4709	33	0
107	0	Steel Open Girder/Beam	Beam	760	707	15	16	22
515	107	Steel Protective Coating	Beam	5492	5461	0	0	31
215	0	Reinforced Concrete Abutment	Abutments	80	77	0	3	0
225	0	Steel Pile	Piles and Columns	8	8	0	0	0
515	225	Steel Protective Coating	Piles and Columns	800	800	0	0	0
228	0	Timber Pile	Piles and Columns	31	11	17	2	1
234	0	Reinforced Concrete Pier Cap	Caps	144	116	0	24	4
521	234	Concrete Protective Coating	Caps	285	285	0	0	0
236	0	Other Pier Cap	Caps	117	60	40	17	0
521	236	Concrete Protective Coating	Caps	552	552	0	0	0
301	0	Pourable Joint Seal	Expansion Joints	120	95	0	25	0
316	0	Other Bearings	Bearing Device	40	8	30	2	0
515	316	Steel Protective Coating	Bearing Device	40	8	0	0	32
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	380	8	372	0	0

Summary of Maintenance Needs

Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity		
3326	Reinforced Concrete Deck	Cracking (RC and Other)	1862 Square Feet		
3326	Reinforced Concrete Deck	Exposed Rebar	12 Square Feet		
3326	Reinforced Concrete Deck	Delamination/Spall	23 Square Feet		
3314	Steel Open Girder/Beam	Damage	4 Feet		
3314	Steel Open Girder/Beam	Corrosion	37 Feet		
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet		
3344	Timber Pile	Decay/Section Loss	6 Each		
3348	Reinforced Concrete Pier Cap	Patched Area	3 Feet		
3348	Reinforced Concrete Pier Cap	Delamination/Spall	23 Feet		
3348	Other Pier Cap	Corrosion	8 Feet		
3348	Other Pier Cap	Delamination/Spall	9 Feet		
3334	Other Bearings	Connection	4 Each		
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings) 63 Square Fee			

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	3	80	0	3	0	77
Beam	3314	Maintenance Steel Superstructure Components	41	760	22	16	15	707
Beam	3342	Clean and Paint Steel	31	5492	31	О	0	5461
Bearing Device	3334	Bridge Bearing	4	40	О	2	30	8
Bearing Device	3342	Clean and Paint Steel	32	40	32	О	0	8
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	380	О	0	372	8
Caps	3348	Maintenance of Concrete Substructure	43	261	4	41	40	176
Caps	5603	Partial Cleaning and Painting of Structural Steel	0	837	0	0	0	837
Deck	3326	Maintenance of Concrete Deck	1897	4809	0	33	4709	67
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	120	0	25	0	95
Piles and Columns	3342	Clean and Paint Steel	0	800	0	0	0	800
Piles and Columns	3344	Maintenance To Timber Substructure	6	31	1	2	17	11
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	8	0	0	0	8

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Span1			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 1 Deck: SPALLING (18IN L. X 6IN W. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG AT FAR END. (PAR)
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 1 Beam 1: WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 1/8IN SL TO BOTH SIDES, 6IN L. X 1IN W. AT FAR END DIAPHRAGM, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. FOR 5FT L. TO BOTTOM RIGHT SIDE AT FAR END. (PAR)
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 1/16IN SI TO BOTH SIDES, 4IN L. X 1IN H. AT FAR END DIAPHRAGM. (PAR)
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN W. AT FAR END DIAPHRAGM. (PAR)
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	8	Span 1 Beam 4: TAPPERED BOTTOM FLANGE SECTION LOSS (UP TO 25%, 3/8IN SL, 1/4IN REMAIN) 8IN W. FOR 8FT L., AND WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) UP TO 10IN H. FOR 8FT L. AT FAR END. (PAR)
2	Damage	0	Span 1 Beam 4: FAR END DIAPHRAGM - SPALL (2FT L. X 8IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR AT RIGHT SIDE OF BEAM. (PAR)
Span2			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 10%, 1/16IN SL, 9/16IN REMAIN) FULL W. FOR 2FT L. AT NEAR END, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 3FT L. X 3IN H. TO BOTTOM AT NEAR END. (PAR)

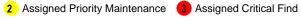
2 Assigned Priority Maintenance 3 Assigned Critical Find

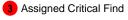
? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Structure Nun	nber <u>540007</u>		
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 2: TAPERED BOTTOM FLANGE SECTION LOSS (UP TO 15%, 5/16IN SL, 5/16IN REMAIN AT EDGE) 6IN W. FOR 1FT L. AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. X 2FT L. TO BOTTOM AT FAR END. (PAR)
Span3			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	5	Span 3 Deck: SPALLING/DELAM (4.5FT L. X 14IN W. X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT OVERHANG, 2FT FROM NEAR END. (PAR)
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 1: WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 3IN H.
2	Connection	1	FOR 6IN H. AT NEAR END DIAPHRAGM. (PAR) Span 3 Near Bearing: RIGHT ANCHOR NUT MISSING. (PAR)
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 2: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT FAR END, AND WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 12IN L. X 1IN H. TO BOTTOM AT FAR END, SIMILAR WEB SECTION LOSS AT TOP. (PAR)
2	Damage	0	Span 3 Beam 2: FAR END DIAPHRAGM - SPALLING (16IN L. X 6IN W. X 2IN D.) WITH EXPOSED & CORRODDED (1/16IN SL) REBAR AT LEFT SIDE OF BEAM (PAR)
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 3: WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	1	Span 3 Beam 4: NEAR END DIAPHRAGM - SPALL (16IN L. X 8IN W. X 2IN D.) WITH EXPOSED & CORRODED REBAR (1/16IN SL) AT RIGHT SIDE OF BEAM. (PAR)









Structure Number 540007

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Span4			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)
3314	Beam 2	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
	Defect Type Corrosion	Quantity 1	Defect Description Span 4 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)
		Quantity 1	Span 4 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X
	Corrosion	1	Span 4 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR) Span 4 Beam 2: ARRESTED WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN

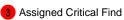
Span5

3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
1	Delamination/Spall	4	Span 5 Deck: INTERMITTENT SPALLING/DELAM (UP TO 12IN L. X 5IN W. X 1/2IN D.) WITH EXPOSED REBAR TO TOP OF DECK THROUGHOUT FAR END. (PAR)
2	Delamination/Spall	2	Span 5 Deck: SPALL/DELAM (2SF X 1/2IN D.) WITH EXPOSED REBAR IN LEFT LANE 18IN FROM NEAR END. (PAR)
2	Exposed Rebar	4	Span 5 Deck: SPALLING (UP TO 12IN DIAM. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG 10FT FROM END BENT 2. (PAR)
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 3: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)









Structure Nun	nber 540007		
Bent 1			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Bent 1 Cap 1: SPALL (30IN L. X 8IN W. X 2.5IN D.) WITH EXPOSED &
2	Delamination/Spall	2	CORRODED (1/16IN SL) REBAR TO NEAR SIDE OVER PILE 3. (PAR) Bent 1 Cap 1: SPALLED PATCH (16IN L. X 12IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO FAR RIGHT CORNER AT BOTTOM. (PAR)
3344	Pile 3	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 1 Pile 3: DELAM/HOLLOW WHEN SOUNDED (20IN L. X 8IN W.) TO NEAR SIDE AT TOP. (PAR)
3344	Pile 4	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	Bent 1 Pile 4: HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	0	End Bent 1 Cap 1: EROSION UNDER CAP (2FT L. X 30IN D.) BELOW BAY 3. (PAR)
Bent 2			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	0	End Bent 2 Cap 1: EROSION UNDER CAP (UP TO 24IN D. X 3FT L.) BELOW BEAM 2, AND EROSION UNDER CAP (UP TO 20IN D. X 2FT L.) BELOW BAY 1. (PAR)
Bent 3			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	4	Bent 3 Cap 1: SPALLING/DELAM (40IN L. X 24IN . X 2IN D.) WITH EXPOSED &
2	Delamination/Spall	4	CORRODED (1/16IN SL) REBAR TO NEAR SIDE BELOW BAY 3. (PAR) Bent 3 Cap 1: DELAM (4FT L. X 6IN W.) TO FAR SIDE TOP EDGE IN BAY 1 EXTENDING UP TO FAR EDGE OF SPAN 4 BEAM 2 NEAR END BEARING. (PAR)

2 Assigned Priority Maintenance 3 Assigned Critical Find

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Structure Number 540007

Bent 5

3344	Pile 1	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	3	Bent 4 Pile 1: DECAY/SECTION LOSS (UP TO 4IN D. X 12IN W. X 3FT L.) TO LEFT SIDE STARTING 2FT FROM GROUND. (PAR)

Slope Protection

3352	Slope Protection	Slope Protection	on
Priority Level	Defect Type	Quantity	Defect Description
2		9	END BENT 1 SLOPE PROTECTION - SPALLED/BROKEN AREA (3FT L. X 3FT W.) WITH EROSION (UP TO 2FT D.) UNDER CONCRETE SLOPE PROTECTION AROUND BROKEN AREA, BELOW BAY 4. (PAR)
2		42	END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR) END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 3FT L.) AT RIGHT SIDE. (PAR)



Element Condition and Maintenance Data

Spar	n 1	Deck						
Rein	forced Concrete	Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	969	0	967	2	0 \$	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Exposed Rebar	SPALLING (18IN L. X 6IN W. X 1II CORRODED (1/16IN SL) REBAR SIDE OVERHANG AT FAR END. (TO BOTTOM OF RIG		3	2	2	2 Square Fee
12	Abrasion/Wear (PSC/RC)	MODERATE TO HEAVY WEAR W AGGREGATE THROUGHOUT	ITH EXPOSED		2	555		Square Fee
12	Cracking (RC and Other)	1/32IN MAP CRACKING THROUG	HOUT TOP OF DEC	K.	2	350	350	Square Fee
12	Delamination/Spall	SPALL (4IN DIAM. X 1/2IN D.) WIT BOTTOM OF LEFT OVERHANG A		R TO	2	1	1	Square Fee
12	Exposed Rebar	SOFFIT ALONG RIGHT OVERHA 1, 6 IN LONG X 12 IN WIDE X 1.5 EXPOSED REBAR WITH NO SEC	IN DEEP SPALL WIT		2	1	1	Square Fee
12	Patched Areas	X2 TRANSVERSE SEALED CRAC	,		2	60		Square Fee

Spa	n 1	Left Bridge	Rail					
Con	crete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	0	38	0	0	Feet
	Dofoot Typo	Defect Descri	iption		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38		Feet
Elen Nun 331 Elemen Number 331	General Comments							

Spa	an 1	Right Bridge	Rail					
Cor	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	38	0	38	0	0 Feet	
Elemer Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	• • • • • • • • • • • • • • • • • • • •			2	38	Feet	
	General Comments							

Spa	n 1	Beam 1						
Plate	e Girder							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	33	0	0	5	Feet
515	Steel Pro	tective Coating	277	272	0	0	5	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 1/8IN SL TO BOTH SIDES, 6IN L. X 1IN W. AT FAR END DIAPHRAGM, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. FOR 5FT L. TO BOTTOM RIGHT SIDE AT FAR END. (PAR)			4	5	5	5 Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	5	5	Square Feet
(General Comments							

Span Othe	1 r Bearing	Far Bearing)					
Elemo Numb		Element Name arings	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1		1 Square Feet
G	eneral Comments							

Span	1	Beam 2						
Plate	Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	37	0	0	1	Feet
515	Steel Pro	tective Coating	277	276	0	0	1	Square Feet
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
107 (Corrosion WEB SECTION LOSS (UP TO 1/8IN SL, 3/8I 1/16IN SL TO BOTH SIDES, 4IN L. X 1IN H. DIAPHRAGM. (PAR)				4	1	1	Feet
	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	EAS		4	1	1	Square Feet
G	eneral Comments							

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Spa	ın 1	Far Bearing	1					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
lemen	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1		1 Square Feet
	General Comments							

Spar	n 1	Beam 3						
Plate	e Girder							
Elem Num	• • • • • • • • • • • • • • • • • • • •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	37	0	0	1	Feet
515	Steel Pro	tective Coating	277	276	0	0	1	Square Feet
lement lumber	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO X 1IN W. AT FAR END DIAPHI	•	IN) 6IN L.	4	1		1 Feet
	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED A	REAS		4	1		1 Square Feet
G	Seneral Comments							

Spa	an 1		Far Bea	aring					
Oth	ner Bearing								
	ement mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot	Туре	Defect	Description		cs	CS Qty	Maint Qty	
316	Corrosion		MINOR TO MODERATE SCA	LE & CORROSION		2	1		Each
515	Effectivenes Protective C	•	PC FAILED AT CORRODED	AREAS		4	1		1 Square Feet
	General Com	ments							

107 Corr	rosion	TAPPERED BOTTOM FLANGE SECTION LOSS (UP TO 25%, 3/8IN SL, 1/4IN REMAIN) 8IN W. FOR 8FT L., AND WEB			4	8	8	8 Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
515	Steel P	rotective Coating	277	269	0	0	8	Square Feet
107	Steel O	pen Girder/Beam	38	30	0	0	8	Feet
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 1		Beam 4						

SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) UP TO 10IN H. FOR 8FT L. AT FAR END. (PAR)

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107 Damage FAR END DIAPHRAGM - SPALL (2FT L. X 8IN W. X 2.5IN D.) 3 Feet

WITH EXPOSED & CORRODED (1/16IN SL) REBAR AT RIGHT SIDE OF BEAM. (PAR)

515 Effectiveness (Steel Protective Coatings)

PC FAILED AT CORRODED AREAS 4 8 8 Square Feet

Span	n 1	Far Bearing	9					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE 8	CORROSION		2	1		Each
	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1		1 Square Feet
G	Seneral Comments							

Spa	n 2	Deck						
Reir	nforced Concrete	Deck						
Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	957	0	951	6	0 S	quare Feet
Elemen Number	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
12	Delamination/Spall	SOFFIT, 6 FT FROM BENT 2, LEFT OV DIAMETER X 0.5 IN DEEP SPALL WIT WITH NO SCTION LOSS.			3	1	1	Square Feet
12	Delamination/Spall	SPALL (6IN DIAM. X 1/2IN D.) WITH EXBOTTOM OF LEFT OVERHANG 10FT			3	1	1	Square Feet
12	Delamination/Spall	X2 SPALLS (6IN DIAM. X 3/4IN D.) WIT SCALING REBAR TO BOTTOM OF RIG AT NEAR END, (SIMILAR X2 AT FAR I	SHT SIDE OVE		3	4	4	Square Feet
12	Abrasion/Wear (PSC/RC)	MODERATE TO HEAVY WEAR WITH I	EXPOSED		2	519		Square Feet
12	Cracking (RC and Other)	1/32IN MAP CRACKING THROUGHOU	T TOP OF DEC	CK	2	362	362	Square Feet
12	Patched Areas	FULL WIDTH SOUND SEAL CRACK R FROM BENT 1.	EPAIR AT 10.5	5 FT	2	30		Square Feet
12	Patched Areas	X4 SOUND PATCHING (UP TO 5FT L. HAIRLINE MAP CRACKING THROUGI ADJACENT TO JOINT OVER BENT 2			2	40		Square Feet

Spa	ın 2	Left Bridge	Rail					
Cor	crete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	38	0	38	0	0	Feet
Elemen	Dofoot Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38		Feet
	General Comments							

Spa	ın 2	Right Bridge Rail							
Con	crete Railing								
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
331	Reinford	ced Concrete Bridge Railing	38	0	38	0	0 Feet		
Elemen Numbe	Dofoot Typo	Defect Descri	iption		cs	CS Qty	Maint Qty		
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38	Feet		
•	General Comments							_	

Span	2	Beam 1						
Plate	Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	33	0	5	0	Feet
515	Steel Pro	tective Coating	273	270	0	0	3	Square Feet
Element Number	Defect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
107 C	Corrosion	BOTTOM FLANGE SECTION LOSS (9/16IN REMAIN) FULL W. FOR 2FT L ARRESTED WEB SECTION LOSS (U REMAIN) 3FT L. X 3IN H. TO BOTTO	AT NEAR END JP TO 3/16IN SL	D, AND ., 5/16IN	3	3	;	3 Feet
107 C	Corrosion	BOTTOM FLANGE SECTION LOSS (1/2IN REMAIN) FULL W. FOR 1FT L.		BIN SL,	3	1		1 Feet
	_	NEAD END DIABUDA 614 AT LEET 6			_	4		1 Feet
107 D	Damage	NEAR END DIAPHRAGM AT LEFT OF DEEP SPALL WITH EXPOSED REBALOSS.	,		3	'		

Spa	n 2	Near Beari	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1		1 Square Feet
	General Comments							

2	Far Bearin	ng					
r Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Bea	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1	•	Each
Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
r	or Bearing Other Be Steel Pro Defect Type Corrosion Effectiveness (Steel	ent Der Element Name Other Bearings Steel Protective Coating Defect Type Defect Type Corrosion MINOR TO MODERATE SCALE Effectiveness (Steel Protective Coatings)	r Bearing ent Element Name Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion MINOR TO MODERATE SCALE & CORROSION Effectiveness (Steel Protective Coatings) PC FAILED AT CORRODED AREAS	ent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion MINOR TO MODERATE SCALE & CORROSION Effectiveness (Steel PC FAILED AT CORRODED AREAS Protective Coatings)	ent Element Name Other Bearings 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion MINOR TO MODERATE SCALE & CORROSION 2 Effectiveness (Steel PC FAILED AT CORRODED AREAS 4	Part Composition Composi	Total CS1 CS2 CS3 CS4

Span 2		Beam 2						
Plate Girder								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	36	0	2	0	Feet
515	Steel Pro	tective Coating	273	271	0	0	2	Square Feet
Element Number Defe	ct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107 Corrosion		TAPERED BOTTOM FLANGE SEC 5/16IN SL, 5/16IN REMAIN AT ED AND ARRESTED WEB SECTION 5/16IN REMAIN) 4IN H. X 2FT L. T (PAR)	GE) 6IN W. FÒR 1F LOSS (UP TO 3/16	T L. IN SL,	3	2	2	? Feet
107 Damage		NEAR END DIAPHRAGM - SOUN AT RIGHT SIDE OF BEAM	D PATCH (4FT L. X	(10IN W.)	2			Feet
					4	2	_	Square Feet

Spar	n 2	Near Bear	ing					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
lement lumber	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
(General Comments							

2	Far Bearir	ng					
Bearing							
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Be	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
orrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1	•	Each
ffectiveness (Steel rotective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
r	Bearing other Be Steel Pro Defect Type orrosion ffectiveness (Steel	Bearing Int Int Int Int Int Int Int I	Bearing Int Element Name Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Orrosion MINOR TO MODERATE SCALE & CORROSION Effectiveness (Steel PC FAILED AT CORRODED AREAS	Bearing Int Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Defect Type Defect Description For Original MINOR TO MODERATE SCALE & CORROSION Office Civeness (Steel PC FAILED AT CORRODED AREAS	Bearing Int Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Orrosion MINOR TO MODERATE SCALE & CORROSION 2 Iffectiveness (Steel PC FAILED AT CORRODED AREAS 4	Total CS1 CS2 CS3	Total CS1 CS2 CS3 CS4

Spa	n 2	Beam 3						
Plat	e Girder							
Nun	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	35	0	3	0	Feet
515	Steel Pro	tective Coating	273	272	0	0	1	Square Feet
Elemen Number	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	ARRESTED BOTTOM FLANGE SI 1/16IN SL, 9/1IN REMAIN) FULL V END			3	2	2	2 Feet
107	Corrosion	BOTTOM FLANGE SECTION LOS 1/2IN REMAIN) FULL W. FOR 1FT		IN SL,	3	1	1	1 Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1	1	1 Square Feet
-	General Comments							

Spa	ın 2	Near Bear	ring					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
	General Comments							

ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	0	0	1	Square Feet
316	Other Bearings		1	0	1	0	•	Each
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other E	Bearing							
Span 2		Far Bearing						

316CorrosionMINOR TO MODERATE SCALE & CORROSION21Each515Effectiveness (Steel Protective Coatings)PC FAILED AT CORRODED AREAS411Square Feet

General Comments

Span 2	2	Beam 4						
Plate (Girder							
Elemei Numbe	· 	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	37	0	1	0	Feet
515	Steel Pro	tective Coating	273	272	0	0	1	Square Feet
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107 C	orrosion		BOTTOM FLANGE SECTION LOSS (UP TO 20%, 1/8IN SL, I/2IN REMAIN) FULL W. FOR 6IN L. AT FAR END		3	1		1 Feet
	ffectiveness (Steel rotective Coatings)	STEEL PROTECTION COATING LONG AT BENT 2.	HAS FAILED FOR 6	5 IN	4	1		1 Square Feet
Ge	neral Comments							

Spa	ın 2	Near Beari	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1		1 Square Feet
	General Comments							

n 2	Far Bearin	ng					
r Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Be	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1	•	Each
Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
	ent ber Other Bei Steel Pro Defect Type Corrosion Effectiveness (Steel	ent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Des Corrosion MINOR TO MODERATE SCALE Effectiveness (Steel PC FAILED AT CORRODED AR	rent Element Name Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion MINOR TO MODERATE SCALE & CORROSION Effectiveness (Steel PC FAILED AT CORRODED AREAS	ent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion MINOR TO MODERATE SCALE & CORROSION Effectiveness (Steel PC FAILED AT CORRODED AREAS	rent Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion MINOR TO MODERATE SCALE & CORROSION 2 Effectiveness (Steel PC FAILED AT CORRODED AREAS 4	rent Element Name Otty Other Bearings 1 0 1 0 0 0 0 Other Bearings 1 0 0 0 0 Other Steel Protective Coating 1 0 0 0 0 0 Other Steel Protective Coating 1 0 0 0 0 0 Other Steel Protective Coating 1 0 0 0	rent Element Name Qty

Span 2		Expansio	n Joint					
Standar	d Joint							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	30	5	0	25	0	Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
301 Seal	l Cracking	INTERMITTENT CRACKING (U THROUGHOUT SEAL	P TO 1/4IN W.)		3	25	-	Feet

Spa	11 3	Deck						
Rein	forced Concrete	Deck						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	957	27	920	10	0 S	quare Feet
lement lumber	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	DELAM (3SF) TO BOTTOM OF SPAN					3	Square Feet
12	Delamination/Spall	SPALLING (2SF X 1IN D.) WITH EXPOSED & SCALING REBAR TO BOTTOM OF LEFT OVERHANG AT NEAR END			3	2	2	Square Feet
12	Exposed Rebar	EXPOSED & CORRODED (1/16)	SPALLING/DELAM (4.5FT L. X 14IN W. X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT OVERHANG, 2FT FROM NEAR END. (PAR)			5	5	Square Feet
12	Abrasion/Wear (PSC/RC)	MODERATE TO HEAVY WEAR AGGREGATE THROUGHOUT	WITH EXPOSED		2	500		Square Feet
12	Cracking (RC and Other)	1/32IN MAP CRACKING THROU	JGHOUT TOP OF DEC	K	2	300	300	Square Feet
12	Patched Areas	TRANSVERSE SEALED CRACK THROUGHOUT TOP OF DECK	KING (FULL W.)		2	80		Square Feet
12	Patched Areas	X4 SOUND PATCHING (UP TO HAIRLINE MAP CRACKING THE ADJACENT TO JOINT OVER BE	ROUGHOUT END OF I		2	40		Square Feet

Spa	ın 3	Left Bridge I	Rail					
Cor	ncrete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	38	0	38	0	0	Feet
Elemer Numbe	Dofoct Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SEC			2	38	-	Feet
	General Comments							

Span 3		Right Bridge R	ail					
Concre	te Railing							
Element Number		nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concr	ete Bridge Railing	38	8	30	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS (CS Qty	Maint Qty	

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2

30

Feet

ABRASION UP TO 1/16 IN DEEP WITH EXPOSED Cracking (RC and

AGGREGATE THAT REMAINS SECURE. Other)

Span	3	Beam 1						
Plate	Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	37	0	0	1	Feet
515	Steel Pro	tective Coating	273	272	0	0	1	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1 H. FOR 6IN H. AT NEAR END D		N) 3IN	4	1	1	Feet
107	Corrosion	BOTTOM FLANGE & WEB REP NEAR END, WITH 2IN DIAM. HO			1	5		Feet
	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR			4	1	1	Square Feet
_	eneral Comments							

Spa	ın 3	Near Beari	ng					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Connection	RIGHT ANCHOR NUT MISSING. (PAR)		3	1	•	1 Each
316	Corrosion	MINOR TO MODERATE SCALE 8	CORROSION		2			Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1	•	1 Square Feet
-	General Comments							

Spa	an 3		Far Bearing						
Oth	ner Bearin	g							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515		Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Eleme	Dofos	t Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
316	Corrosion		MINOR TO MODERATE SCALE &	CORROSION		2	1	-	Each
515	Effectivene Protective		PC FAILED AT CORRODED AREA	AS		4	1		1 Square Feet
	General Co	mments							

Span 3	3	Beam 2						
Plate G	Girder							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	37	0	0	1	Feet
515	Steel Pro	tective Coating	273	271	0	0	2	Square Feet
Element Number	Defect Type	Defect Descri	otion		cs	CS Qty	Maint Qty	
107 Co	orrosion	BOTTOM FLANGE SECTION LOSS 7/16IN REMAIN) FULL W. FOR 6IN WEB SECTION LOSS (UP TO 1/8IN L. X 1IN H. TO BOTTOM AT FAR EI SECTION LOSS AT TOP. (PAR)	L. AT FAR END, SL, 3/8IN REMA	AND IN) 12IN	4	1		1 Feet
107 Da	amage	FAR END DIAPHRAGM - SPALLING D.) WITH EXPOSED & CORRODDE LEFT SIDE OF BEAM (PAR)			3			Feet
	fectiveness (Steel	PC FAILED AT CORRODED AREAS	3		4	2		2 Square Feet

Spa	n 3	Near Bea	aring					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
316	Connection	BOTH ANCHOR NUTS NOT E	NGAGED.		2	1	1	Each
316	Corrosion	MINOR TO MODERATE SCAL	E & CORROSION		2			Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED A	REAS		4	1	1	Square Feet
-	General Comments							

Spa	an 3		Far Bearing					
Oth	ner Bearing							
	ement ımber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Ot	her Bearings	1	0	1	0	0	Each
515	Sto	eel Protective Coating	1	0	0	0	1	Square Feet
Eleme Numb	Dofoot Tyr	De .	Defect Description		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODER	RATE SCALE & CORROSION		2	1		Each
515	Effectiveness (RRODED AREAS		4	1		1 Square Feet
	General Comme	nts						

Spa	ın 3	Beam 3						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	38	34	3	0	1	Feet
515	Steel F	rotective Coating	273	272	0	0	1	Square Feet
Elemer Numbe	Dofoct Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 3/16IN L. X 1IN H. AT NEAR END DIAPHRA	•	IAIN) 6IN	4	1		1 Feet
107	Corrosion	ARRESTED WEB SECTION LOSS (L REMAIN) 2.5IN H. X 2.5FT L. TO BOT REPAIR			2	3		Feet
107	Damage	BOTTOM FLANGE & WEB REPAIRS 2IN DIAM. HOLE IN WEB AT END OF			1	2		Feet
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
	General Comments	-						

Spa	n ?	Near Beari	na					
Spa	III 3	Near Bearr	iig					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Connection	BOTH ANCHOR BOLT NUTS AR AT BENT 2.	E NOT FULLY TIGH	TENED	3	1	•	1 Each
316	Corrosion	MINOR TO MODERATE SCALE 8	CORROSION		2			Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1	•	1 Square Feet
	General Comments							

Spa	an 3	Far Bearin	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
	General Comments							

Spa	n 3	Beam 4						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	36	0	2	0	Feet
515	Steel Pro	tective Coating	273	272	0	0	1	Square Feet
Elemen Numbe	Dofoct Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
107	Corrosion	TAPERED BOTTOM FLANGE SECT 1/4IN SL, 3/8IN REMAIN AT EDGE) F FAR END	•	•	3	1	-	1 Feet
107	Damage	NEAR END DIAPHRAGM - SPALL (1 WITH EXPOSED & CORRODED REE RIGHT SIDE OF BEAM. (PAR)			3	1		1 Feet
107	Corrosion	ARRESTED WEB SECTION LOSS (I REMAIN) 6IN L. X 1IN H. AT FAR EN			2			Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREAS			4	1		1 Square Feet

Spa	ın 3	Near Bearin	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Connection	BOTH ANCHOR NUTS NOT ENGA	AGED.		2	1	1	I Each
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2			Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1	1	Square Feet
	General Comments							

Spa	an 3	Far Bearing	I					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Defeat Tyme	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1		1 Square Feet
	General Comments							

Span	4	Deck						
Reinfo	orced Concrete	Deck						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	957	40	912	5	0 S	quare Feet
Element Number	Defect Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
12 D	elamination/Spall	X5 SPALLS/DELAM (UP TO 1SF X SCALING REBAR TO BOTTOM OF AT MID-SPAN			3	5	5	Square Feet
	brasion/Wear PSC/RC)	MODERATE TO HEAVY WEAR WI AGGREGATE THROUGHOUT	ITH EXPOSED		2	550		Square Feet
	racking (RC and other)	1/32IN MAP CRACKING THROUG	HOUT TOP OF DE	CK	2	350	350	Square Feet
12 P	atched Areas	HAIRLINE CRACK IN SEAL IN RIG SHOULDER AT 12 FEET FROM BI	==	GHT	2	12		Square Feet
Ge	eneral Comments							

Spa	ın 4	Left Bridge F	Rail					
Cor	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	38	0	38	0	0 Feet	
Elemer Numbe	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP W AGGREGATE THAT REMAINS SEC			2	38	Feet	
	General Comments							

Spa	n 4	Right Bridge	e Rail					
Con	crete Railing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	0	38	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descri	iption		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38	Feet	
	General Comments							_

Spa	ın 4		Beam 1						
Plat	e Girder								
	ment nber	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Girder/B	eam	38	36	1	0	1	Feet
515		Steel Protective Coa	ating	273	272	0	0	1	Square Feet
Elemen Numbe	Dofoct	Туре	Defect De	scription		cs	CS Qty	Maint Qty	
107	Corrosion		FLANGE SECTION LO			4	1	-	1 Feet
107	Corrosion		LY ARRESTED WEB S REMAIN) 6IN L. X 1IN GM		ΓΟ 1/8IN	3			1 Feet

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107 Corrosion ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN 2 1 Feet

REMAIN) 6IN L. X 1IN H. AT FAR END DIAPHRAGM

515 Effectiveness (Steel Protective Coatings)

PC FAILED AT CORRODED AREAS 4 1 1 Square Feet

Spa	an 4	Near Bea	ring					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Eleme	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1	-	Each
515	Effectiveness (Ste Protective Coating		REAS		4	1		1 Square Feet
	General Comments							

Spa	n 4	Far Bearin	ng					
Othe	er Bearing							
Elen Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
Ī	General Comments							

Spa	n 4	Beam 2						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	34	0	3	1	Feet
515	Steel Pro	tective Coating	273	272	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO X 1IN H. AT NEAR END DIAPH	•	IN) 6IN L.	4	1	-	1 Feet
107	Corrosion	ARRESTED WEB SECTION LO REMAIN) 2.5IN H. X 2FT L. ST. (PAR)			3	2		2 Feet
107	Corrosion	ARRESTED WEB SECTION LO REMAIN) 5IN L. X 1.5IN W. AT			3	1		1 Feet
107	Damage	NEAR END DIAPHRAGM - SP. D.) WITH EXPOSED & CORRO LEFT SIDE OF BEAM (PAR)	,		3			2 Feet
107	Corrosion	BOTTOM FLANGE & WEB RE END WITH 2IN DIAM. HOLE IN REPAIR			1	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED A	REAS		4	1		1 Square Feet

Spa	an 4	Near Bearii	ng					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1		1 Square Feet
	General Comments							

Spai	n 4	Far Bearing						
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & 0	CORROSION		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	S		4	1		1 Square Feet
(General Comments							

Span 4		Beam 3						
Plate Gi	rder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=
107	Steel Op	oen Girder/Beam	38	36	2	0	0	Feet
515	Steel Pr	otective Coating	273	273	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
107 Dam	nage	BOTTOM FLANGE & WEB REI 2IN DIAM. HOLE IN WEB AT N		H.) WITH	2	2		Feet
Gene	eral Comments							

Span 4		Near Bear	ring					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearing	js .	1	0	1	0	0	Each
515	Steel Protecti	ve Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corre	osion MIN	OR TO MODERATE SCALE	& CORROSION		2	1		Each

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Effectiveness (Steel PC FAILED AT CORRODED AREAS Protective Coatings)

1 Square Feet

4

Spa	an 4	Far Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	as		4	1		1 Square Feet
	General Comments							

Span 4		Beam 4						
Plate Girde	er							
Element Number	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/E	Beam	38	37	1	0	0	Feet
515	Steel Protective Co	ating	273	273	0	0	0	Square Feet
Element Number De	efect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
107 Corrosi	-	ED WEB SECTION LOS 6IN L. X 1IN H. AT NEA			2	1		Feet
General	Comments							

Span 4	4	Near Bear	ing					
Other	Bearing							
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 C	orrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
	ffectiveness (Steel rotective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
Ge	neral Comments							

Span 4		Far Bearing						
Other B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coatin	g	1	0	0	0	1	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

316	Corrosion	MINOR TO MODERATE SCALE & CORROSION	2	1	Each
515	•	PC FAILED AT CORRODED AREAS	4	1 1	Square Feet
	Protective Coatings)				

Spar	n 5	Deck						
Rein	forced Concrete	Deck						
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12		ed Concrete Deck	969	0	959	10		Square Feet
Element Number	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
12	Delamination/Spall	INTERMITTENT SPALLING/DELAM X 1/2IN D.) WITH EXPOSED REBAF THROUGHOUT FAR END. (PAR)			3	4	4	Square Feet
12	Delamination/Spall	SPALL/DELAM (2SF X 1/2IN D.) WI'LEFT LANE 18IN FROM NEAR END		BAR IN	3	2	2	Square Feet
12	Exposed Rebar	SPALLING (UP TO 12IN DIAM. X 1II CORRODED (1/16IN SL) REBAR TO SIDE OVERHANG 10FT FROM END	BÓTTOM OF RI		3	4	4	Square Feet
12	Abrasion/Wear (PSC/RC)	MODERATE TO HEAVY WEAR WIT AGGREGATE THROUGHOUT	H EXPOSED		2	399		Square Feet
12	Cracking (RC and Other)	1/32IN MAP CRACKING THROUGH	OUT TOP OF DE	CK	2	500	500	Square Feet
12	Patched Areas	X2 TRANSVERSE SEALED CRACK THROUGHOUT TOP OF DECK AT			2	60		Square Feet

Spar	า 5	Left Bridge	Rail					
Con	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	0	38	0	0 Fee	et
Element Number	Dofoot Tymo	Defect Descri	iption		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38	F	eet
(General Comments							

Spa	n 5	Right Bridge	e Rail					
Con	crete Railing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	0	38	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	ABRASION UP TO 1/16 IN DEEP WAGGREGATE THAT REMAINS SE			2	38	Feet	
	General Comments							_

Span 5		Beam 1						
Plate Gird	der							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	38	37	1	0	0	Feet
515	Steel P	rotective Coating	277	277	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
107 Corro	sion	ARRESTED WEB SECTION LOS REMAIN) 6IN L. X 1IN H. AT NEA	•		2	1	-	Feet

Spa	n 5	Near Bear	ing					
Othe	er Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARI	EAS		4	1		1 Square Feet
-	General Comments							

า 5	Beam 2						
e Girder							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ope	en Girder/Beam	38	37	0	0	1 1	Feet
Steel Pro	tective Coating	277	276	0	0	1 :	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Corrosion			IN) 6IN L.	4	1	1	Feet
Corrosion				1	3		Feet
Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	EAS		4	1	1	Square Feet
	e Girder ent ber Steel Ope Steel Pro Defect Type Corrosion Corrosion Effectiveness (Steel	ent ber Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Defect Des Corrosion WEB SECTION LOSS (UP TO 1/8 X 1IN H. AT NEAR END DIAPHR Corrosion BOTTOM FLANGE & WEB REPA NEAR END WITH 2IN DIAM. HOI Effectiveness (Steel PC FAILED AT CORRODED ARI	ent Element Name Qty Steel Open Girder/Beam 38 Steel Protective Coating 277 Defect Type Defect Description Corrosion WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIX 1IN H. AT NEAR END DIAPHRAGM. (PAR) Corrosion BOTTOM FLANGE & WEB REPAIR (48IN L. X 6IN H. NEAR END WITH 2IN DIAM. HOLE AT FAR END OF Effectiveness (Steel PC FAILED AT CORRODED AREAS	ent Element Name Qty Qty Steel Open Girder/Beam 38 37 Steel Protective Coating 277 276 Defect Type Defect Description Corrosion WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR) Corrosion BOTTOM FLANGE & WEB REPAIR (48IN L. X 6IN H.) AT NEAR END WITH 2IN DIAM. HOLE AT FAR END OF REPAIR Effectiveness (Steel PC FAILED AT CORRODED AREAS	Part	Part Composition Composi	Corrosion BOTTOM FLANGE & WEB REPAIR (48IN L. X 6IN H.) AT NEAR END WITH 2IN DIAM. HOLE AT FAR END OF REPAIR CS1 CS2 CS3 CS4 CS4 CS5 CS4 CS5 CS5

Span 5		Beam 3					
Plate G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel C	Open Girder/Beam	38	33	4	0	1 Feet
515	Steel P	Protective Coating	277	276	0	0	1 Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty
107 Co	rrosion	BOTTOM FLANGE SECTION LOS 7/16IN REMAIN) FULL W. FOR 6II			4	1	1 Feet

Structure	Number: <u>540007</u>			Insped	ction Date: 03/01/2022
107	Corrosion	ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 2IN H. FOR 4FT L. TO BOTTOM AT NEAR END	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREAS	4	1	1 Square Feet

Spa	n 5	Near Bear	ing					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE	& CORROSION		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AR	EAS		4	1		1 Square Feet
	General Comments							

Spa	an 5	Near Bearin	ng					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED AREA	AS		4	1		1 Square Feet
	General Comments							

Span 5		Beam 4						
Plate G	Birder							
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel 0	Open Girder/Beam	38	35	3	0	0	Feet
515	Steel I	Protective Coating	277	277	0	0	0	Square Feet
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
107 Co	rrosion	ARRESTED WEB SECTION LOSS REMAIN) 3IN H. FOR 3FT L. TO BO			2	3		Feet

General Comments

							•	
Spa	n 5	Near Beari	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE &	CORROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC FAILED AT CORRODED ARE	AS		4	1		1 Square Feet
	General Comments							

Ber	nt 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber Reinforc	Element Name ed Concrete Pier Cap	Total Qty 28	CS1 Qty 23	CS2 Qty	CS3 Qty 5	CS4 Qty	Feet
521	Concrete	Protective Coating	95	95	0	0	0	Square Feet
Elemer	nt						Maint	
Numbe	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Qty	
Numbe 234	Dofoct Typo	Defect Descript SPALL (30IN L. X 8IN W. X 2.5IN D.) CORRODED (1/16IN SL) REBAR TO 3. (PAR)	WITH EXPOSED		CS 3	3	•	3 Feet
	er Defect Type	SPALL (30IN L. X 8IN W. X 2.5IN D.) CORRODED (1/16IN SL) REBAR TO	WITH EXPOSED NEAR SIDE OVE X 2.5IN D.) WITI) REBAR TO FAI	ER PILE H			;	3 Feet 2 Feet

Ben	t 1	Pile 1						
Timl	ber Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Ti	mber Pile	1	0	1	0	0	Each
Element Number	Dofoct Tv	pe Defect Des	cription		CS	CS Qty	Maint Qty	
228	Check/Shake	UP TO 3/16 IN WIDE VERTICAL	CHECKS THROUGH	IOUT.	2	1		Each
-	General Comme	nts						

Bent 1 Pile 2 **Timber Pile** Element CS1 CS2 CS3 CS4 Total Number **Element Name** Qty Qty Qty Qty Qty 228 Timber Pile 1 0 0 0 Each 1 Maint Qty Element **Defect Description** CS Qty **Defect Type** CS Number 228 Check/Shake 1/8 IN WIDE CHECKS. 2 Each

Bent	11	Pile 3						
Timb	oer Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	0	1	0 E	ach
Element Number	Dofoct Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
228	Decay/Section Loss	DELAM/HOLLOW WHEN SOUNDE NEAR SIDE AT TOP. (PAR)	ED (20IN L. X 8IN W	V.) TO	3	1	2	Each
228	Check/Shake	UP TO 3/16 IN WIDE VERTICAL C	HECKS THROUGH	IOUT.	2			Each

1	Pile 4						
er Pile							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Timber P	Pile	1	0	0	1	0	Each
Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
Decay/Section Loss	HOLLOW WHEN SOUNDED (5IN FTOP. (PAR)	I. X FULL PERIME	TER) AT	3	1		1 Each
Check/Shake	1/8 IN WIDE CHECKS.			2			Each
	er Pile ent ber Timber F Defect Type Decay/Section Loss	er Pile ent Defect Type Decay/Section Loss HOLLOW WHEN SOUNDED (5IN FTOP. (PAR)	er Pile ent Element Name Qty Timber Pile 1 Defect Type Defect Description Decay/Section Loss HOLLOW WHEN SOUNDED (5IN H. X FULL PERIME TOP. (PAR)	er Pile ent Element Name Qty Qty Timber Pile 1 0 Defect Type Defect Description Decay/Section Loss HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)	er Pile ent Element Name Total CS1 CS2 Qty Qty Qty Timber Pile Defect Type Defect Description CS Decay/Section Loss HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)	er Pile ent Element Name Total CS1 CS2 CS3 Outy Outy Outy Outy Outy Timber Pile Timber Pile Defect Type Defect Type Decay/Section Loss HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT 3 1 TOP. (PAR)	er Pile ent Element Name Total CS1 CS2 CS3 CS4 Our Timber Pile Defect Type Defect Type Defect Description Defect Description CS CS Qty TOP. (PAR) Maint Qty Out Description CS CS Qty TOP. (PAR)

Bent 1		Pile						
Timber	Pile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
228	Timber	Pile	1	0	1	0	0	Each
Element Number	Defect Type	Defe	t Description		cs	CS Qty	Maint Qty	
228 Che	eck/Shake	1/8 IN WIDE CHECKS.			2	1	-	Each

Bent	1	Pile 6						
Timb	er Pile							
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0	Each
Element Number	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
228	Check/Shake	1/8 IN WIDE CHECKS.			2	1		Each
G	General Comments							

Bent 1		Pile 7					
Timber Pile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile		1	0	1	0	0 Each
Element Number Def	ect Type	Defect De	scription		cs	CS Qty	Maint Qty
228 Check/S	hake 1/	8 IN WIDE CHECKS.			2	1	Each

General Comments

Rei	nfor	ced Concrete	Pier Cap						
	Element Number 234 Iement		Element Name	Total Qty		CS2 Qty		CS4 Qty	
234		Reinfor	ced Concrete Pier Cap	30	28	0	2	0	Feet
		Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Dar	Damage EROSION UNDER CAP (2FT L. X 3 (PAR)		X 30IN D.) BELOW B	AY 3.	3	2	-	Feet

Piles not visible

Bent '	1	Abutment						
Reinfo	orced Concrete	Abutment						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ed Concrete Abutment	40	38	0	2	0 Feet	
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
215 E	Delamination/Spall	DELAM (8IN L. X 5IN W.) TO BAI BEAM 4. (SIMILAR AT LEFT SID		IDE OF	3 2		2 Feet	
Ge	eneral Comments	-	•					

Bent 2 Cap 1 **Reinforced Concrete Pier Cap** Element Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 234 Reinforced Concrete Pier Cap 30 26 0 4 0 Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty EROSION UNDER CAP (UP TO 24IN D. X 3FT L.) BELOW BEAM 2, AND EROSION UNDER CAP (UP TO 20IN D. X 2FT L.) BELOW BAY 1. (PAR) 234 Damage 3 4 Feet

						•	
2	Abutment						
orced Concrete	Abutment						
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Abutment	40	39	0	1	0 1	Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
elamination/Spall	DELAM (1SF) TO BACKWALL AT	RIGHT SIDE OF B	EAM 3	3	1	1	Feet
Scour	•			1			Feet
	nt er Reinford Defect Type Delamination/Spall	Defect Type Delamination/Spall Scour DEFECT MOVED TO CAP, PREVIBAY 1, 2 AREAS OF 2 FT LONG 2	Defect Type Delamination/Spall Defect Moved To CAP, PREVIOUS COMMENT: BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WID	Defect Type Delamination/Spall Defect Moved To CAP, PREVIOUS COMMENT: BELOW BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WIDE Total CS1 Qty Qty Qty Qty Qty Qty Qty A0 Defect Description Delamination/Spall DELAM (1SF) TO BACKWALL AT RIGHT SIDE OF BEAM 3 DEFECT MOVED TO CAP, PREVIOUS COMMENT: BELOW BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WIDE	priced Concrete Abutment Int Element Name Qty Qty Qty Reinforced Concrete Abutment 40 39 0 Defect Type Defect Description CS Relamination/Spall DELAM (1SF) TO BACKWALL AT RIGHT SIDE OF BEAM 3 3 Recour DEFECT MOVED TO CAP, PREVIOUS COMMENT: BELOW 1 BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WIDE	Defect Type Defect Type Delamination/Spall DEFECT MOVED TO CAP, PREVIOUS COMMENT: BELOW BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WIDE Total CS1 CS2 CS3 Qty	Defect Type Defect Type Defect Type Defect Type Defect Moved To CAP, PREVIOUS COMMENT: BELOW BAY 1, 2 AREAS OF 2 FT LONG X UP TO 20 IN WIDE Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Qt

General Comments

Ben	t 2	Сар						
Con	crete Cap with St	eel Riser						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
236	Other Pi	er Cap	117	60	40	17	0	Each
521	Concret	e Protective Coating	552	552	0	0	0	Square Feet
lement lumber	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
236	Corrosion	STEEL CAP AT NEAR SIDE - TAI SECTION LOSS (UP TO 1/8IN SL FULL W. FOR 5FT L. BELOW BA FLANGE SECTION LOSS (UP TO FULL W. FOR 2.5FT L. BELOW B	, 5/16IN REMAIN A Y 2, AND NEAR SII 1/16IN SL, 3/8IN R	T EDGE) DE - TOP	3	8		8 Feet
236	Delamination/Spall	DELAM (2FT L. X 6IN W.) TO FAR BELOW BEAM 3. (DOES NOT EX			3	2		2 Feet
236	Delamination/Spall	DELAM (3FT L. X 14IN W.) TO FA 3. (NOT UNDER BEARING)	R SIDE TOP EDGE	IN BAY	3	3		3 Feet
236	Delamination/Spall	DELAM (4FT L. X 6IN W.) WITH 1. FAR SIDE AT TOP IN BAY 2. (NO			3	4		4 Feet
236	Corrosion	STEEL CAPS - INTERMITTENT N SCALE & CORROSION, NO MEA THROUGHOUT STEEL CAPS & E	SURABLE SECTIO		2	40		Feet

TOTAL LENGTH = SUM OF RC CAP, X2 STEEL CAPS, AND X8 STEEL BEAMS.

Ben	t 3	Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	28	14	0	10	4 F	eet
521	Concrete	e Protective Coating	95	95	0	0	0 8	Square Feet
lement lumber	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Delamination/Spall		SPALLING/DELAM (40IN L. X 24IN . X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO NEAR SIDE BELOW BAY 3. (PAR)			4	4	Feet
234	Delamination/Spall	DELAM (10FT L. X 8IN W.) TO N STARTING IN BAY 1. (DOES NO BEARINGS)		E	3	6	10	Feet
234	Delamination/Spall	DELAM (4FT L. X 6IN W.) TO FA EXTENDING UP TO FAR EDGE END BEARING. (PAR)			3	4	4	Feet

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CS Qt		CS4 Qty
1	1 0	0 Each
cs	CS Qty	Maint Qty
2	1	Each
_	2	2 1

General Comments

228 Ch	neck/Shake	1/8 IN WIDE CHECKS.			2	1	Each	
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
Elemen Numbe 228		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Timbe	r Pile							
Bent 3		Pile 2						

General Comments

Bent 3		Pile 3						
Timber l	Pile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
228	Timber	Pile	1	0	1	0	0	Each
Element Number	Defect Type	Defec	Description		cs	CS Qty	Maint Qty	
228 Che	ck/Shake	1/8 IN WIDE CHECKS.			2	1		Each

Bent 3		Pile 4						
Timber I	Pile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0	Each
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
228 Che	ck/Shake	1/8 IN WIDE CHECKS.			2	1	-	Each

Bent 3		Pile 5						
Timber	Pile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	1	0	0 Each	
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
228 Che	ck/Shake	1/8 IN WIDE CHECKS.			2	1	Each	

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General Comments

Bent 3		Pile 6					
Timber Pile	e						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	3	1	0	1	0	0 Each
Element Number De	efect Type	Defe	ct Description		cs	CS Qty	Maint Qty
228 Check/S	Shake 1	/8 IN WIDE CHECKS.			2	1	Each

General Comments

Ben	it 3	Pile 7						
Tim	ber Pile							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timb	er Pile	1	0	1	0	0 Each	
Elemen Numbe	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
228	Check/Shake	1/8 IN WIDE CHECKS.			2		Each	
228	Scour	SCOUR (UP TO 1.1FT D.) AT COI UNDERMINE TO COLLAR (UP TO PERIMETER) AT NEAR SIDE		VITH	2	1	Each	
-	General Comments	<u> </u>						

Bent 5		Cap 1						
Reinfor	ced Concrete	Pier Cap						
Element Number	="	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforc	ed Concrete Pier Cap	28	25	0	3	0	Feet
521	Concrete	e Protective Coating	95	95	0	0	0	Square Feet
Element Number	Defect Type	Defect	t Description		cs	CS Qty	Maint Qty	
234 Pat	tched Area	DELAM (3FT L. X 8IN W.) T BAY 1. (NOT UNDER BEAR		EDGE IN	3	3		3 Feet
234 Pat	ched Area	DUPLICATE COMMENT RE	MOVED		1			Feet
	eral Comments	DUPLICATE COMMENT RE	EMOVED		1			

Bent 5		Pile 1						
Timbe	r Pile							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	0	0	1 E	Each
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
228 D	ecay/Section Loss	DECAY/SECTION LOSS (UP TO 4 TO LEFT SIDE STARTING 2FT FR			4	1	3	Each
228 C	heck/Shake	1/8 IN WIDE CHECKS.		-	2			Each

General Comments

Structure Number: 540007 Inspection Date: 03/01/2022

Ben	t 5			Pile 2						
Timl	ber Pile									
Elen Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228		Timber F	Pile		1	0	1	0	0	Each
Element Number	Dof	ect Type		Defect Description			cs	CS Qty	Maint Qty	
228	Check/S	hake	1/8 IN WIDE CHECK	KS.			2	1		Each
(General C	comments								

Bent 5 Pile 3 Timber Pile Total CS1 CS2 CS3 CS4 CS4 Qty Qty Qty Qty Qty Qty Qty Qty 228 Timber Pile 1 0 1 0 0 Each	Element Number	Defect Type	!	Defect Description			cs	CS Qty	Maint Qtv	
Timber Pile Element Total CS1 CS2 CS3 CS4	228	Timber Pile			1	0	1	0	0 Each	
			Element Name							
Bent 5 Pile 3	Timber F	Pile								
	Bent 5		Pi	ile 3						

2

1

Each

General Comments

1/8 IN WIDE CHECKS.

Check/Shake

228

	Pile 4						
Pile							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Timber	Pile	1	0	1	0	0	Each
Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
ck/Shake	1/8 IN WIDE CHECKS.			2	1		Each
	Timber Defect Type	Element Name Timber Pile Defect Type Defect D	Element Name Timber Pile Defect Type Defect Description	Pile Element Name Timber Pile Defect Type Defect Description Total Qty Qty 1 0	Pile Element Name Timber Pile Defect Type Total Qty Qty Qty 1 0 1 CS CS2 CS2 Qty Qty CTy CTy CS2 CS2 CS2 CS2 CS2 CS2 CS2 CS2	Pile Element Name Timber Pile Defect Description Total CS1 CS2 CS3 Qty Qty Qty Qty 1 0 1 0 CS CS Qty	Pile CS1 CS2 CS3 CS4

Bent	5	P	e 5					
Timb	er Pile							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0 Eac	:h
Element Number	Defect Type		efect Description		cs	CS Qty	Maint Qty	
228 (Check/Shake	1/8 IN WIDE CHECKS			2	1	E	ach

Bent 5			Pile 6						
Timber	Pile								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile			1	0	1	0	0	Each
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
228 Che	ck/Shake 1/	8 IN WIDE CHEC	KS.			2	1		Each

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General Comments

Bent 5			Pile 7					
Timber Pil	e							
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile			1	0	1	0	0 Each
Element Number D	efect Type		Defect Description			cs	CS Qty	Maint Qty
228 Check/	/Shake 1/8	8 IN WIDE CHECK	KS.			2	1	Each

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	969
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	957
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	957
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	957
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	969
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 5	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2	Timber Pile	Timber Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5	Timber Pile	Timber Pile	1
Bent 1	Pile 6	Timber Pile	Timber Pile	1
Bent 1	Pile 7	Timber Pile	Timber Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	30
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	40
Bent 2	Сар	Concrete Cap with Steel Riser	Other Pier Cap	117

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 2	Pile 1 Row 2	Steel Pile	Steel Pile	1
Bent 2	Pile 1 Row 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2 Row 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2 Row 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3 Row 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3 Row 1	Steel Pile	Steel Pile	1
Bent 2	Pile 4 Row 1	Steel Pile	Steel Pile	1
Bent 2	Pile 4 Row 2	Steel Pile	Steel Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	30
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	40
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 3	Pile 1	Timber Pile	Timber Pile	1
Bent 3	Pile 2	Timber Pile	Timber Pile	1
Bent 3	Pile 3	Timber Pile	Timber Pile	1
Bent 3	Pile 4	Timber Pile	Timber Pile	1
Bent 3	Pile 5	Timber Pile	Timber Pile	1
Bent 3	Pile 6	Timber Pile	Timber Pile	1
Bent 3	Pile 7	Timber Pile	Timber Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 5	Pile 1	Timber Pile	Timber Pile	1
Bent 5	Pile 2	Timber Pile	Timber Pile	1
Bent 5	Pile 3	Timber Pile	Timber Pile	1
Bent 5	Pile 4	Timber Pile	Timber Pile	1
Bent 5	Pile 5	Timber Pile	Timber Pile	1
Bent 5	Pile 6	Timber Pile	Timber Pile	1
Bent 5	Pile 7	Timber Pile	Timber Pile	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 540007 Inspection Date: 03/01/2022

National Bridge Inventory Items

ltem	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	5	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	4	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	6	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	7	
Item 72: Approach Roadway Alignment	0 - 9 , N	6	

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

NC SMU Inspection Items

ltem	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	Р	51	3352
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C	F	1	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	F	3	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		Α		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	12
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 540007 Inspection Date: 03/01/2022

Item Substructure - Item 60 Grade 4 **Maint Code** Qty. 0 Details NEWLY STRUCTURALLY DEFICIENT. PILES 3 & 4 AT BENT 1 HOLLOW WHEN SOUNDED, AND BENT 4 PILE 1 WITH DECAY/SECTION LOSS (UP TO 4IN D.) Channel and Channel Protection - Item 61 Grade 6 **Maint Code** Item **Qty.** 0 Details STREAM BANK BELOW SPAN 4 - BANK EROSION (UP TO 6FT H. X 20FT W. X 50FT L.) AT FAR SIDE OF BENT 3 Item Approach Roadway Alignment - Item 72 Grade 6 Maint Code **Qty.** 0 Details SHARP CURVE AT FAR END OF BRIDGE Item **Priority Maintenance Issued** Grade Y **Maint Code** Qty. 0 Details DECK SPALLING, BEAM SECTION LOSS & DIAPH. SPALLS, MISSING ANCHOR NUT, BENT SPALLING/DELAM, PILE DECAY, EROSION AT EB1 & 2, SLOPE PROTECTION Grade P Item Slope Protection Maint Code 3352 **Qty.** 51 Details END BENT 1 SLOPE PROTECTION - SPALLED/BROKEN AREA (3FT L. X 3FT W.) WITH EROSION (UP TO 2FT D.) UNDER CONCRETE SLOPE PROTECTION AROUND BROKEN AREA, BELOW BAY 4. (PAR) END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR) END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 3FT L.) AT RIGHT SIDE. (PAR) Drift Grade F Maint Code 3366 Item **Qty.** 3 Details DRIFT (20FT L. X 2FT DIAM.) AT FAR SIDE OF BENT 1 AT GROUND DRIFT (50CUFT) AT FAR SIDE OF BENT 3 AT DOWNSTREAM END DRIFT (12CUFT) AT LEFT SIDE OF BENT 4 PILE 1 DRIFT (25CUFT) AT FAR SIDE OF BENT 4 AT PILES 4-7 Scour Grade F Maint Code **Qty.** 0 Item Details SCOUR (UP TO 1.1FT D.) AT CONCRETE COLLAR WITH UNDERMINE TO COLLAR (UP TO 12IN D. X 1/2 PERIMETER) AT NEAR SIDE Item Wingwalls Grade F Maint Code 3350 Qty. 1 Details NEAR RIGHT (SW) WINGWALL - SPALL (5IN L. X 4IN W. X 1/2IN D.) TO NEAR SIDE AT TOP Item Field Scour Evaluation Grade U **Maint Code** Qty. 0 Details SCOUR (UP TO 1.1FT D.) AT CONCRETE COLLAR WITH UNDERMINE TO COLLAR (UP TO 12IN D. X 1/2

PERIMETER) AT NEAR SIDE



TYPICAL 1/32IN MAP CRACKING & MODERATE TO HEAVY WEAR WITH EXPOSED AGGREGATE THROUGHOUT SPAN 1 RIGHT LANE



TYPICAL TRANSVERSE SEALED CRACKING (FULL W.) THROUGHOUT TOP OF DECK, SPAN 1 LOOKING AHEAD



JOINT OVER BENT 1 - INTERMITTENT CRACKING (UP TO 1/4IN W.) THROUGHOUT SEAL



TYPICAL AREA OF CRACKING (UP TO 1/4IN W.) THROUGHOUT SEAL, JOINT OVER BENT 1 LEFT LANE



TYPICAL SOUND PATCHING (UP TO 5FT L. X 2FT W.) WITH HAIRLINE MAP CRACKING THROUGHOUT ENDS OF DECK ADJACENT TO JOINT OVER BENT 2



TYPICAL MINOR TO MODERATE WEAR WIH EXPOSED AGGREGATE THROUGHOUT RAILS, SPAN 3 LEFT SIDE



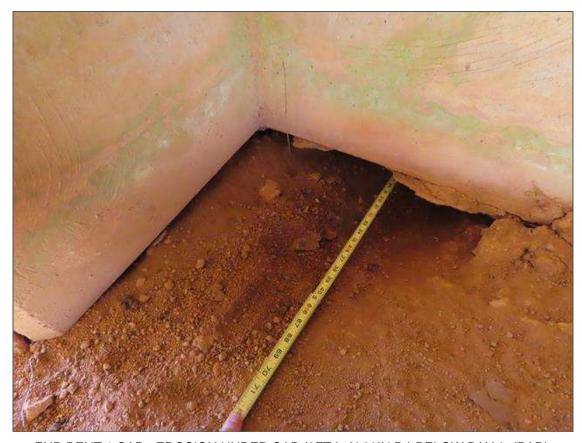
SPAN 5 DECK - SPALL/DELAM (2SF X 1/2IN D.) WITH EXPOSED REBAR IN LEFT LANE 18IN FROM NEAR END. (PAR)



TYPICAL INTERMITTENT SPALLING/DELAM (UP TO 12IN L. X 5IN W. X 1/2IN D.) WITH EXPOSED REBAR TO TOP OF DECK THROUGHOUT FAR END, RIGHT LANE SHOWN. (PAR)



NEAR RIGHT (SW) WINGWALL - SPALL (5IN L. X 4IN W. X 1/2IN D.) TO NEAR SIDE AT TOP



END BENT 1 CAP - EROSION UNDER CAP (2FT L. X 30IN D.) BELOW BAY 3. (PAR)



END BENT 1 ABUTMENT - DELAM (8IN L. X 5IN W.) TO BACKWALL AT LEFT SIDE OF BEAM 4. (SIMILAR AT LEFT SIDE OF BEAM 2)



SPAN 1 DECK - SPALL (4IN DIAM. X 1/2IN D.) WITH EXPOSED REBAR TO BOTTOM OF LEFT OVERHANG AT MID-SPAN



SPAN 1 DECK - SPALLING (18IN L. X 6IN W. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG AT FAR END. (PAR)



BENT 1 CAP - SPALL (30IN L. X 8IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO NEAR SIDE OVER PILE 3. (PAR)



BENT 1 PILE 3 - DELAM/HOLLOW WHEN SOUNDED (20IN L. X 8IN W.) TO NEAR SIDE AT TOP. (PAR)



TYPICAL MINOR CHECKING THROUGHOUT PILES, BENT 1 PILE 1



BENT 1 PILE 4 - HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)



END BENT 1 SLOPE PROTECTION - SPALLED/BROKEN AREA (3FT L. X 3FT W.) WITH EROSION (UP TO 2FT D.) UNDER CONCRETE SLOPE PROTECTION AROUND BROKEN AREA, BELOW BAY 4. (PAR)



BENT 1 CAP - SPALLED PATCH (16IN L. X 12IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO FAR RIGHT CORNER AT BOTTOM. (PAR)



DRIFT (20FT L. X 2FT DIAM.) AT FAR SIDE OF BENT 1 AT GROUND



SPAN 1 BEAM 1 - WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 1/8IN SL TO BOTH SIDES, 6IN L. X 1IN W. AT FAR END DIAPHRAGM. (PAR)



SPAN 2 BEAM 1 - BOTTOM FLANGE SECTION LOSS (UP TO 10%, 1/16IN SL, 9/16IN REMAIN) FULL W. FOR 2FT L. AT NEAR END, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 3FT L. X 3IN H. TO BOTTOM AT NEAR END. (PAR)



TYPICAL BEARINGS AT BENT 1, BEAMLINE 2 - MINOR SURFACE SCALE & CORROSION



SPAN 1 BEAM 2 - WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 1/16IN SL TO BOTH SIDES, 4IN L. X 1IN H. AT FAR END DIAPHRAGM. (PAR)



SPAN 1 BEAM 1 - ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. FOR 5FT L. TO BOTTOM RIGHT SIDE AT FAR END. (PAR)



SPAN 1 BEAM 3 - WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN W. AT FAR END DIAPHRAGM. (PAR)



SPAN 2 BEAM 3 - ARRESTED BOTTOM FLANGE SECTION LOSS (UP TO 10%, 1/16IN SL, 9/1IN REMAIN) FULL W. FOR 16IN L. AT NEAR END



SPAN 1 BEAM 4 - TAPPERED BOTTOM FLANGE SECTION LOSS (UP TO 25%, 3/8IN SL, 1/4IN REMAIN) 8IN W. FOR 8FT L., AND WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) UP TO 10IN H. FOR 8FT L. AT FAR END. (PAR)



SPAN 1 BEAM 4, FAR END DIAPHRAGM - SPALL (2FT L. X 8IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR AT RIGHT SIDE OF BEAM. (PAR)



SPAN 2 DECK - X2 SPALLS (6IN DIAM. X 3/4IN D.) WITH EXPOSED & SCALING REBAR TO BOTTOM OF RIGHT SIDE OVERHANG AT NEAR END, (SIMILAR X2 AT FAR END).



SPAN 2 BEAM 2, NEAR END DIAPHRAGM - SOUND PATCH (4FT L. X 10IN W.) AT RIGHT SIDE OF BEAM



SPAN 2 DECK - SPALL (6IN DIAM. X 1/2IN D.) WITH EXPOSED REBAR TO BOTTOM OF LEFT OVERHANG 10FT FROM NEAR END



TYPICAL SOUND PATCHING (UP TO 5FT L. X 2FT W.) TO DECK ADJACENT TO BENT 2, SPAN 2 BAY 1 & 2 AT FAR END.



SPAN 2 BEAM 1 - BOTTOM FLANGE SECTION LOSS (UP TO 20%, 1/8IN SL, 1/2IN REMAIN) FULL W. FOR 1FT L. AT FAR END



SPAN 3 BEAM 1, NEAR END BEARING - RIGHT ANCHOR NUT MISSING. (PAR)



SPAN 3 BEAM 1 - BOTTOM FLANGE & WEB REPAIR (72IN L. X 6IN H.) AT NEAR END, WITH 2IN DIAM. HOLE AT FAR END OF REPAIR.



SPAN 3 BEAM 1 - WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 3IN H. FOR 6IN H. AT NEAR END DIAPHRAGM. (PAR)



SPAN 2 BEAM 2 - TAPERED BOTTOM FLANGE SECTION LOSS (UP TO 15%, 5/16IN SL, 5/16IN REMAIN AT EDGE) 6IN W. FOR 1FT L. AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. X 2FT L. TO BOTTOM AT FAR END. (PAR)



BENT 2 CAP - DELAM (4FT L. X 6IN W.) WITH 1/8IN OPEN CRACKING TO FAR SIDE AT TOP IN BAY 2. (NOT UNDER BEARING)



SPAN 3 BEAM 3, NEAR BEARING - BOTH ANCHOR NUTS NOT ENGAGED. (BEAM 2 & 4 AT NEAR END SIMILAR)



SPAN 2 BEAM 3 - BOTTOM FLANGE SECTION LOSS (UP TO 20%, 1/8IN SL, 1/2IN REMAIN) FULL W. FOR 1FT L. AT FAR END



SPAN 3 BEAM 3 - WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)



TYPICAL BEARINGS AT BENT 2, BEAMLINE 4 - MINOR TO MODERATE SCALE & CORROSION



SPAN 2 BEAM 4 - BOTTOM FLANGE SECTION LOSS (UP TO 20%, 1/8IN SL, 1/2IN REMAIN) FULL W. FOR 6IN L. AT FAR END



SPAN 3 DECK - SPALLING/DELAM (4.5FT L. X 14IN W. X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT OVERHANG, 2FT FROM NEAR END. (PAR)



SPAN 3 BEAM 4, NEAR END DIAPHRAGM - SPALL (16IN L. X 8IN W. X 2IN D.) WITH EXPOSED & CORRODED REBAR (1/16IN SL) AT RIGHT SIDE OF BEAM. (PAR)



BENT 2 CAP - DELAM (3FT L. X 14IN W.) TO FAR SIDE TOP EDGE IN BAY 3. (NOT UNDER BEARING)



BENT 2 CAP - DELAM (2FT L. X 6IN W.) TO FAR SIDE AT TOP EDGE BELOW BEAM 3. (DOES NOT EXTEND BELOW BEARING)



BENT 2 STEEL CAP AT NEAR SIDE - TAPERED TOP FLANGE SECTION LOSS (UP TO 1/8IN SL, 5/16IN REMAIN AT EDGE) FULL W. FOR 5FT L. BELOW BAY 2.



TYPICAL STEEL CAP FLANGE THICKNESS (7/16IN TH.) AT BENT 2, NEAR SIDE. (FAR SIDE STEEL CAP SIMILAR)



BENT 2 STEEL CAP, NEAR SIDE - TOP FLANGE SECTION LOSS (UP TO 1/16IN SL, 3/8IN REMAIN) FULL W. FOR 2.5FT L. BELOW BAY 1



TYPICAL INTERMITTENT MODERATE TO HEAVY SCALE & CORROSION, NO MEASURABLE SECTION LOSS, THROUGHOUT STEEL CAP & BEAMS AT BENT 2, NEAR SIDE BELOW BEAM 2



SPAN 3 DECK - DELAM (3SF) TO BOTTOM OF LEFT OVERHANG AT MID-SPAN



DRIFT (50CUFT) AT FAR SIDE OF BENT 3 AT DOWNSTREAM END



BENT 3 PILE 7 - SCOUR (UP TO 1.1FT D.) AT CONCRETE COLLAR WITH UNDERMINE TO COLLAR (UP TO 12IN D. X 1/2 PERIMETER) AT NEAR SIDE



SPAN 3 DECK - SPALLING (2SF X 1IN D.) WITH EXPOSED & SCALING REBAR TO BOTTOM OF LEFT OVERHANG AT NEAR END



STREAM BANK BELOW SPAN 4 - BANK EROSION (UP TO 6FT H. X 20FT W. X 50FT L.) AT FAR SIDE OF BENT 3



SPAN 4 BEAM 1 - BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)



SPAN 4 BEAM 1 - PARTIALLY ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM



BENT 3 CAP - DELAM (10FT L. X 8IN W.) TO NEAR SIDE TOP EDGE STARTING IN BAY 1. (DOES NOT EXTEND BELOW BEARINGS)



BENT 3 CAP - DELAM (4FT L. X 6IN W.) TO FAR SIDE TOP EDGE IN BAY 1 EXTENDING UP TO FAR EDGE OF SPAN 4 BEAM 2 NEAR END BEARING. (PAR)



SPAN 3 BEAM 2 - BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT FAR END, AND WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 12IN L. X 1IN H. TO BOTTOM AT FAR END, SIMILAR WEB SECTION LOSS AT TOP. (PAR)



SPAN 4 BEAM 2 - WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)



SPAN 3 & 4 DIAPHRAGMS AT BENT 3, BEAMLINE 2 - SPALLING (16IN L. X 6IN W. X 2IN D.) WITH EXPOSED & CORRODDED (1/16IN SL) REBAR AT LEFT SIDE OF BEAMS (PAR)



TYPICAL BEARINGS AT BENT 3, BEAMLINE 3 - MINOR TO MODERATE SCALE & CORROSION



BEAMLINE 3 AT BENT 3 - BOTTOM FLANGE & WEB REPAIRS (20IN L. X 6IN H.) WITH 2IN DIAM. HOLE IN WEB AT END OF REPAIR.



SPAN 3 BEAM 3 - ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 2.5IN H. X 2.5FT L. TO BOTTOM AT NEAR END OF REPAIR



BENT 3 CAP - SPALLING/DELAM (40IN L. X 24IN . X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO NEAR SIDE BELOW BAY 3. (PAR)



BEAMLINE 4 AT BENT 3 - ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H.) AT DIAPHRAGMS. (BEAMLINE 1 AT BENT 4 SIMILAR)



SPAN 3 BEAM 4 - TAPERED BOTTOM FLANGE SECTION LOSS (UP TO 20%, 1/4IN SL, 3/8IN REMAIN AT EDGE) FULL W. FOR 12IN L. AT FAR END



SPAN 4 DECK - X5 SPALLS/DELAM (UP TO 1SF X 1IN D.) WITH EXPOSED & SCALING REBAR TO BOTTOM OF RIGHT SIDE OVERHANG AT MID-SPAN



DRIFT (12CUFT) AT LEFT SIDE OF BENT 4 PILE 1



BENT 4 PILE 1 - DECAY/SECTION LOSS (UP TO 4IN D. X 12IN W. X 3FT L.) TO LEFT SIDE STARTING 2FT FROM GROUND. (PAR)



BENT 4 CAP - DELAM (3FT L. X 8IN W.) TO NEAR SIDE AT TOP EDGE IN BAY 1. (NOT UNDER BEARINGS)



SPAN 4 BEAM 2 - BOTTOM FLANGE & WEB REPAIR (28IN L. X 6IN H.) AT FAR END WITH 2IN DIAM. HOLE IN WEB AT NEAR END OF REPAIR



SPAN 5 BEAM 2 - BOTTOM FLANGE & WEB REPAIR (48IN L. X 6IN H.) AT NEAR END WITH 2IN DIAM. HOLE AT FAR END OF REPAIR



SPAN 4 BEAM 2 - ARRESTED WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 2.5IN H. X 2FT L. STARTING 28IN FROM FAR END. (PAR)



SPAN 5 BEAM 2 - WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)



SPAN 4 BEAM 2 - ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 5IN L. X 1.5IN W. AT FAR END DIAPHRAGM. (PAR)



TYPICAL BEARINGS AT BENT 4, BEAMLINE 3 - MINOR TO MODERATE SCALE & CORROSION



SPAN 5 BEAM 3 - BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)



SPAN 5 BEAM 4 - ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 3IN H. FOR 3FT L. TO BOTTOM AT NEAR END



SPAN 5 BEAM 3 - ARRESTED WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 2IN H. FOR 4FT L. TO BOTTOM AT NEAR END



DRIFT (25CUFT) AT FAR SIDE OF BENT 4 AT PILES 4-7



END BENT 2 CAP - EROSION UNDER CAP (UP TO 24IN D. X 3FT L.) BELOW BEAM 2. (PAR)



END BENT 2 CAP - EROSION UNDER CAP (UP TO 20IN D. X 2FT L.) BELOW BAY 1. (PAR)



END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR PHOTO 1 OF 2)



END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR PHOTO 2 OF 2)



END BENT 2 ABUTMENT - DELAM (1SF) TO BACKWALL AT RIGHT SIDE OF BEAM 3



END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 3FT L.) AT RIGHT SIDE. (PAR)



SPAN 5 DECK - SPALLING (UP TO 12IN DIAM. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG 10FT FROM END BENT 2. (PAR)

Stream Bed Soundings (Profile diagram on following sheet)

County LINCOLN Inspection Date 03/02/2022 Structure Number: 540007

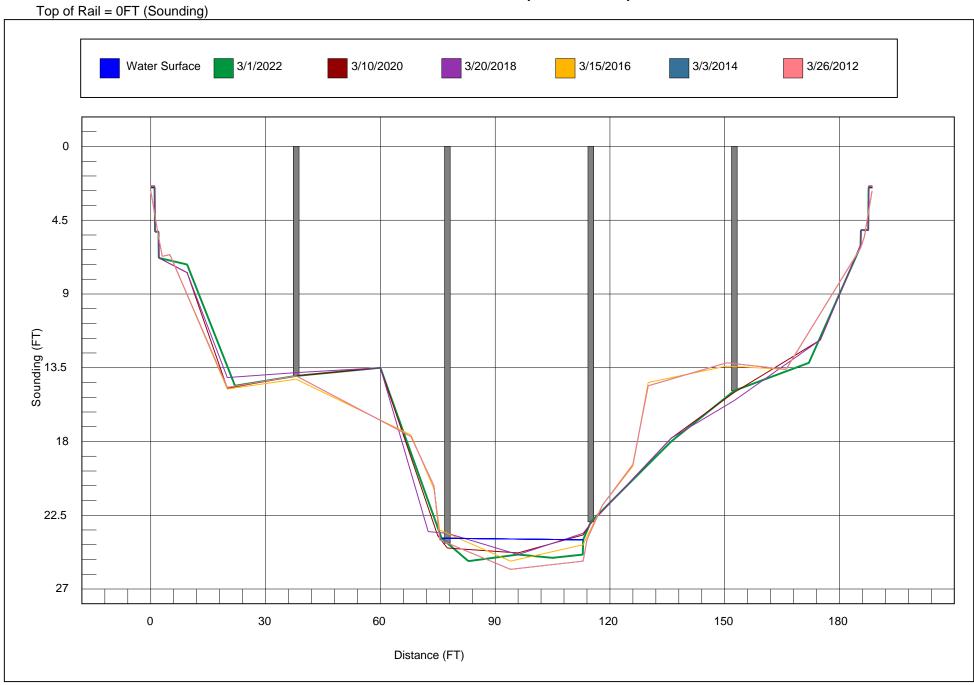
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 14 Location of Highwater Mark BASE OF END BENT SLOPES

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.500	0.000	FILL FACE
1.000	2.500	0.000	
1.100	5.200	0.000	TOP OF CAP
2.000	5.200	0.000	
2.100	6.800	5.700	FACE OF CAP
9.500	7.200	0.000	
22.000	14.600	0.000	
38.000	14.000	14.400	BENT 1
60.000	13.500	0.000	
76.000	23.900	0.000	WSWE
77.500	24.200	22.300	BENT 2
83.000	25.300	0.000	
96.000	24.900	0.000	
105.000	25.100	0.000	
112.900	24.900	0.000	
113.000	24.000	0.000	WSWE
115.000	22.900	24.400	BENT 3
136.000	18.000	0.000	
152.500	14.900	16.200	BENT4
172.000	13.200	0.000	
185.500	6.100	6.900	FACE OF CAP
185.600	5.100	0.000	
187.500	5.100	0.000	TOP OF CAP
187.600	2.500	0.000	
188.500	2.500	0.000	FILL FACE

Bridge: 540007 County: LINCOLN Date: 03/01/2022

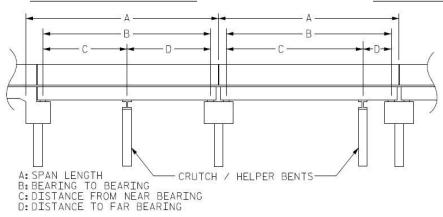
STREAMBED PROFILE (Downstream)



Structure Data Worksheet

Span Profile





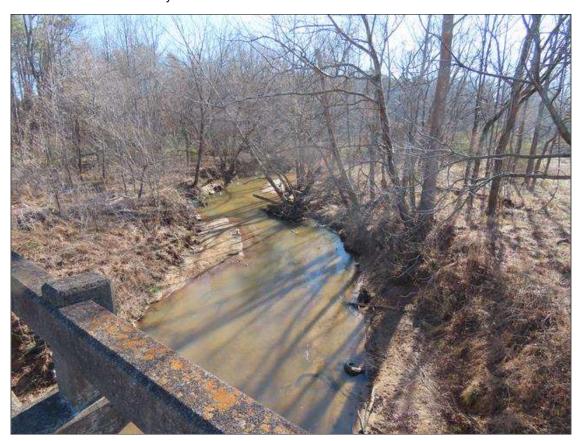
Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	38.000	36.500			
2	37.500	36.500			
3	37.500	36.500			
4	37.500	36.500			
5	38.000	36.500			



LOOKING STATIONS AHEAD, EAST



LOOKING STATIONS BACK, WEST



LOOKING DOWNSTREAM



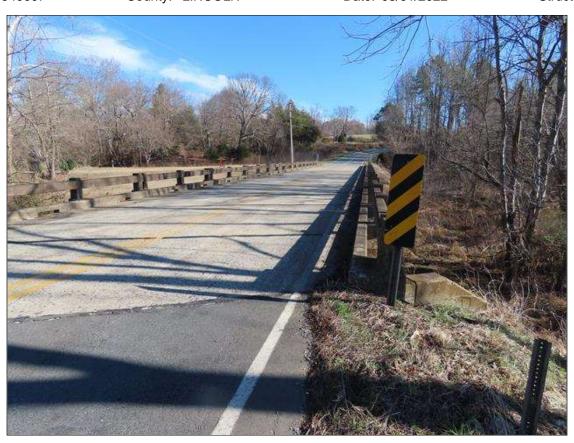
LOOKING UPSTREAM



UPSTREAM ELELAVTION, LOOKING BACK



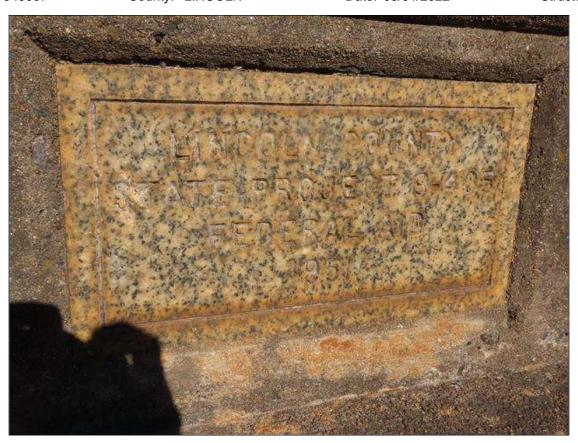
DOWNSTREAM ELEVATION, LOOKING BACK



TYPICAL DELINEATOR, NEAR RIGHT (SW)



JOINT OVER BENT 3 (SIMILAR OVER BENT 4)



BRIDGE PLAQUE, FAR LEFT



END BENT 1



TYPICAL WINGWALL, NEAR RIGHT (SW)



TYPICAL BEARING AT END BENT 1, BEAM 3



BENT 1, NEAR SIDE



TYPICAL SUPERSTRUCTURE, SPAN 2 LOOKING AHEAD



NOMINAL WEB THICKNESS (1/2IN TH.) SPAN 2 BEAM 2



BENT 2, NEAR SIDE



TYPICAL NOMINAL WEB THICKNESS (1/2IN TH.) SPAN 3 BEAM 3



BENT 3, NEAR SIDE

Structure: 540007 County: LINCOLN Date: 03/01/2022 Structure Photos



BENT 4, FAR SIDE



END BENT 2

Structure: 540007 County: LINCOLN Date: 03/01/2022 Structure Photos



TYPICAL BEARING AT END BENT 2, BEAM 3

Bridge: 540007 County LINCOLN Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	5	Span 1 Beam 1: WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 1/8IN SL TO BOTH SIDES, 6IN L. X 1IN W. AT FAR END DIAPHRAGM, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. FOR 5FT L. TO BOTTOM RIGHT SIDE AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 1/16IN SL TO BOTH SIDES, 4IN L. X 1IN H. AT FAR END DIAPHRAGM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 3: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN W. AT FAR END DIAPHRAGM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	8	Span 1 Beam 4: TAPPERED BOTTOM FLANGE SECTION LOSS (UP TO 25%, 3/8IN SL, 1/4IN REMAIN) 8IN W. FOR 8FT L., AND WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) UP TO 10IN H. FOR 8FT L. AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	0	Span 1 Beam 4: FAR END DIAPHRAGM - SPALL (2FT L. X 8IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR AT RIGHT SIDE OF BEAM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 10%, 1/16IN SL, 9/16IN REMAIN) FULL W. FOR 2FT L. AT NEAR END, AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 3FT L. X 3IN H. TO BOTTOM AT NEAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 2: TAPERED BOTTOM FLANGE SECTION LOSS (UP TO 15%, 5/16IN SL, 5/16IN REMAIN AT EDGE) 6IN W. FOR 1FT L. AND ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 4IN H. X 2FT L. TO BOTTOM AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 3IN H. FOR 6IN H. AT NEAR END DIAPHRAGM. (PAR)	



Bridge: 540007 County LINCOLN Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 2: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT FAR END, AND WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 12IN L. X 1IN H. TO BOTTOM AT FAR END, SIMILAR WEB SECTION LOSS AT TOP. (PAR)	
3314	Maintain Steel Superstructure Components	LF	0	Span 3 Beam 2: FAR END DIAPHRAGM - SPALLING (16IN L. X 6IN W. X 2IN D.) WITH EXPOSED & CORRODDED (1/16IN SL) REBAR AT LEFT SIDE OF BEAM (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 4: NEAR END DIAPHRAGM - SPALL (16IN L. X 8IN W. X 2IN D.) WITH EXPOSED & CORRODED REBAR (1/16IN SL) AT RIGHT SIDE OF BEAM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 2: NEAR END DIAPHRAGM - SPALLING (16IN L. X 6IN W. X 2IN D.) WITH EXPOSED & CORRODDED (1/16IN SL) REBAR AT LEFT SIDE OF BEAM (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 3: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)	



Bridge: 540007 County LINCOLN Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	2	Span 1 Deck: SPALLING (18IN L. X 6IN W. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG AT FAR END. (PAR)	
3326	Maintain Concrete Deck	SF	5	Span 3 Deck: SPALLING/DELAM (4.5FT L. X 14IN W. X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT OVERHANG, 2FT FROM NEAR END. (PAR)	
3326	Maintain Concrete Deck	SF	2	Span 5 Deck: SPALL/DELAM (2SF X 1/2IN D.) WITH EXPOSED REBAR IN LEFT LANE 18IN FROM NEAR END. (PAR)	
3326	Maintain Concrete Deck	SF	4	Span 5 Deck: SPALLING (UP TO 12IN DIAM. X 1IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT SIDE OVERHANG 10FT FROM END BENT 2. (PAR)	
3334	Bridge Bearings	EA	1	Span 3 Near Bearing: RIGHT ANCHOR NUT MISSING. (PAR)	
3344	Repair / Replace Timber Substructure Components	LF	2	Bent 1 Pile 3: DELAM/HOLLOW WHEN SOUNDED (20IN L. X 8IN W.) TO NEAR SIDE AT TOP. (PAR)	
3344	Repair / Replace Timber Substructure Components	LF	1	Bent 1 Pile 4: HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)	
3344	Repair / Replace Timber Substructure Components	LF	3	Bent 4 Pile 1: DECAY/SECTION LOSS (UP TO 4IN D. X 12IN W. X 3FT L.) TO LEFT SIDE STARTING 2FT FROM GROUND. (PAR)	
3348	Maintain Concrete Substructure Components	LF	0	End Bent 1 Cap 1: EROSION UNDER CAP (2FT L. X 30IN D.) BELOW BAY 3. (PAR)	
3348	Maintain Concrete Substructure Components	LF	3	Bent 1 Cap 1: SPALL (30IN L. X 8IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO NEAR SIDE OVER PILE 3. (PAR)	
3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Cap 1: SPALLED PATCH (16IN L. X 12IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO FAR RIGHT CORNER AT BOTTOM. (PAR)	

Bridge: 540007 County LINCOLN Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3348	Maintain Concrete Substructure Components	LF	0	End Bent 2 Cap 1: EROSION UNDER CAP (UP TO 24IN D. X 3FT L.) BELOW BEAM 2, AND EROSION UNDER CAP (UP TO 20IN D. X 2FT L.) BELOW BAY 1. (PAR)	
3348	Maintain Concrete Substructure Components	LF	4	Bent 3 Cap 1: DELAM (4FT L. X 6IN W.) TO FAR SIDE TOP EDGE IN BAY 1 EXTENDING UP TO FAR EDGE OF SPAN 4 BEAM 2 NEAR END BEARING. (PAR)	
3348	Maintain Concrete Substructure Components	LF	4	Bent 3 Cap 1: SPALLING/DELAM (40IN L. X 24IN . X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO NEAR SIDE BELOW BAY 3. (PAR)	
3352	Maint Slope Protection	SF	9	END BENT 1 SLOPE PROTECTION - SPALLED/BROKEN AREA (3FT L. X 3FT W.) WITH EROSION (UP TO 2FT D.) UNDER CONCRETE SLOPE PROTECTION AROUND BROKEN AREA, BELOW BAY 4. (PAR)	
3352	Maint Slope Protection	SF	42	END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR) END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 3FT L.) AT RIGHT SIDE. (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 2: ARRESTED WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 2.5IN H. X 2FT L. STARTING 28IN FROM FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 2: ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 5IN L. X 1.5IN W. AT FAR END DIAPHRAGM. (PAR)	
3326	Maintain Concrete Deck	SF	4	Span 5 Deck: INTERMITTENT SPALLING/DELAM (UP TO 12IN L. X 5IN W. X 1/2IN D.) WITH EXPOSED REBAR TO TOP OF DECK THROUGHOUT FAR END. (PAR)	



Bridge: 540007 County LINCOLN

MMS Code	MMS Descrip	otion		Quantity			
3314	Maintain Stee	laintain Steel Superstructure Components 5 LF					
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	d By:	Assisted By:				
03/01/2022	SHAWN	I AUSEL					
Details							
W. AT FAR I	END DIAPHRAG		I REMAIN) 1/8IN SL TO BOTH SIDE ON LOSS (UP TO 3/16IN SL, 5/16IN				

MMS Code	MN	MMS Description Quantity					
3314	Mai	Maintain Steel Superstructure Components					
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
Span 1 Beal H. AT FAR I				I REMAIN) 1/16IN SL TO BOTH SID	ES, 4IN L. X	(1IN	

Bridge: 540007 County LINCOLN

MMS Code	MMS D	MMS Description Quantit						
3314	Maintain	Stee		1	LF			
Location:	Location:							
			Bent/Span No.					
Priority Leve	I		Status	status				
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted Da	ate: Sub	mitte	d By:	Assisted By:				
03/01/2022	SH	AWN	I AUSEL					
Details								
Span 1 Bean DIAPHRAGN		SECT	TION LOSS (UP TO 1/8IN SL, 3/8IN	I REMAIN) 6IN L. X 1IN W. AT FAR	END			

MMS Code	MN	MMS Description					
3314	Mai	ntain Stee	Superstructure Components		8	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
	, AND			SS (UP TO 25%, 3/8IN SL, 1/4IN RE IN REMAIN) UP TO 10IN H. FOR 8F			

Bridge: 540007 County LINCOLN

MMS Code	MMS Desc	iption		Quantity			
3314	Maintain Ste	aintain Steel Superstructure Components 0 LF					
Location:							
		Bent/Span No.					
Priority Leve	I	Status	Status				
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submit	ed By:	Assisted By:				
03/01/2022	SHAW	N AUSEL					
Details							
		DIAPHRAGM - SPALL (2FT L. X 8I GHT SIDE OF BEAM. (PAR)	N W. X 2.5IN D.) WITH EXPOSED &	. CORRODE	D		

MMS Code	MN	MMS Description Quantity					
3314	Mai	ntain Stee	Superstructure Components		3	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
	END,	AND ARE	RESTED WEB SECTION LOSS (U	10%, 1/16IN SL, 9/16IN REMAIN) FL P TO 3/16IN SL, 5/16IN REMAIN) 3F			

Bridge: 540007 County LINCOLN

MMS Code	MN	1S Descrip	otion		Quantity		
3314	Mair	ntain Steel		2	LF		
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
	1FT L	AND AR	RESTED WEB SECTION LOSS (L	S (UP TO 15%, 5/16IN SL, 5/16IN R JP TO 3/16IN SL, 5/16IN REMAIN) 4			

MMS Code	MN	MMS Description				
3314	Mai	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status	Status		
Priority Mair	ntenan	се	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
03/01/2022		SHAWN	I AUSEL			
Details						
Span 3 Bea DIAPHRAG			TION LOSS (UP TO 1/4IN SL, 1/4IN	N REMAIN) 3IN H. FOR 6IN H. AT NI	EAR END	

Bridge: 540007 County LINCOLN

MMS Code	MMS Desc	ription		Quantity			
3314	Maintain Ste	el Superstructure Components		1	LF		
Location:							
		Bent/Span No.					
Priority Leve	el	Status					
Priority Maintenance		Division Bridge Maintenance Notification					
Submitted D	ate: Submit	ed By:	Assisted By:				
03/01/2022	SHAV	'N AUSEL					
Details							
L. AT FAR E	ND, AND WE		30%, 3/16IN SL, 7/16IN REMAIN) FL , 3/8IN REMAIN) 12IN L. X 1IN H. TC				

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	el Superstructure Components 0			LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Notif	iication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
	Span 3 Beam 2: FAR END DIAPHRAGM - SPALLING (16IN L. X 6IN W. X 2IN D.) WITH EXPOSED & CORRODDED (1/16IN SL) REBAR AT LEFT SIDE OF BEAM (PAR)							

Bridge: 540007 County LINCOLN

MMS Code	MMS Descri	ption		Quantity			
3314	Maintain Stee	Maintain Steel Superstructure Components			LF		
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/01/2022	SHAWI	N AUSEL					
Details							
Span 3 Beam DIAPHRAGM		ΓΙΟΝ LOSS (UP TO 3/16IN SL, 5/1	6IN REMAIN) 6IN L. X 1IN H. AT NE	AR END			

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
Span 3 Beam 4: NEAR END DIAPHRAGM - SPALL (16IN L. X 8IN W. X 2IN D.) WITH EXPOSED & CORRODED REBAR (1/16IN SL) AT RIGHT SIDE OF BEAM. (PAR)								

Bridge: 540007 County LINCOLN

MMS Code	MMS Descri	otion		Quantity			
3314	Maintain Stee	ntain Steel Superstructure Components					
Location:	Location:						
		Bent/Span No.					
Priority Leve	I	Status		1 LF			
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/01/2022	SHAWI	N AUSEL					
Details							
Span 4 Bean L. AT NEAR		FLANGE SECTION LOSS (UP TO 3	80%, 3/16IN SL, 7/16IN REMAIN) FL	JLL W. FOR	6IN		

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Main	itenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
	Span 4 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)							

Bridge: 540007 County LINCOLN

MMS Code	MMS Descri	ption		Quantity			
3314	Maintain Stee	aintain Steel Superstructure Components			LF		
Location:	Location:						
		Bent/Span No.					
Priority Leve	I	Status		2 LF			
Priority Main	tenance	Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/01/2022	SHAWI	N AUSEL					
Details							
		D DIAPHRAGM - SPALLING (16IN REBAR AT LEFT SIDE OF BEAM (L. X 6IN W. X 2IN D.) WITH EXPOSI PAR)	ED &			

MMS Code	MM	MMS Description Quantity						
3314	Mair	ntain Stee	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Leve	1		Status					
Priority Main	tenan	ce	Division Bridge Maintenance Noti	fication				
Submitted Da	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
	Span 5 Beam 2: WEB SECTION LOSS (UP TO 1/8IN SL, 3/8IN REMAIN) 6IN L. X 1IN H. AT NEAR END DIAPHRAGM. (PAR)							

Bridge: 540007 County LINCOLN

MMS Code	MMS Desc	ription		Quantity			
3314	Maintain Ste	intain Steel Superstructure Components 1 L					
Location:	Location:						
		Bent/Span No.					
Priority Leve	I	Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication				
Submitted D	ate: Submit	ted By:	Assisted By:				
03/01/2022	SHAV	/N AUSEL					
Details							
Details Span 5 Beam 3: BOTTOM FLANGE SECTION LOSS (UP TO 30%, 3/16IN SL, 7/16IN REMAIN) FULL W. FOR 6IN L. AT NEAR END. (PAR)					6IN		

MMS Code	MN	MMS Description					
3326	Mai	ntain Cond	crete Deck		2	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	nce Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
			BIN L. X 6IN W. X 1IN D.) WITH EX OVERHANG AT FAR END. (PAR)	(POSED & CORRODED (1/16IN SL)	REBAR TC)	

Bridge: 540007 County LINCOLN

MMS Code	MMS De	scription			Quantity			
3326	Maintain (laintain Concrete Deck			5	SF		
Location:	Location:							
		Bent/Span No.						
Priority Leve	I	Status						
Priority Maintenance		Division Bridge Mainte	Bridge Maintenance Notification					
Submitted D	ate: Subr	nitted By:		Assisted By:				
03/01/2022	SHA	AWN AUSEL						
Details								
Span 3 Deck: SPALLING/DELAM (4.5FT L. X 14IN W. X 2IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO BOTTOM OF RIGHT OVERHANG, 2FT FROM NEAR END. (PAR)								

MMS Code	MN	MMS Description Quantity						
3326	Mair	ntain Concrete Deck			2	SF		
Location:								
			Bent/Span No.					
Priority Leve	1		Status					
Priority Main	tenan	ce	Division Bridge Maintenance Noti	fication				
Submitted Da	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	AUSEL					
Details								
Span 5 Deck (PAR)	c: SPA	ALL/DELAN	M (2SF X 1/2IN D.) WITH EXPOSE	D REBAR IN LEFT LANE 18IN FRO	M NEAR EN	ND.		

Bridge: 540007 County LINCOLN

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

MMS Code	MN	IMS Description Quantity				ty
3326	Mai	ntain Cond	crete Deck		4	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	itenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
03/01/2022		SHAWN	I AUSEL			
Details						
MMS Code	MN	MS Descrip	otion		Quantit	ty
3334	Brid	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Main	itenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
03/01/2022		SHAWN	I AUSEL			

Details

Span 3 Near Bearing: RIGHT ANCHOR NUT MISSING. (PAR)

Bridge: 540007 County LINCOLN

MMS Code	MMS D	MMS Description			Quantity		
3344	Repair /	/ Repla	ce Timber Substructure Componer	nts	2	LF	
Location:							
			Bent/Span No.				
Priority Leve	I		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Sul	bmitte	d By:	Assisted By:			
03/01/2022	Sł	HAWN	AUSEL				
Details							
Bent 1 Pile 3	: DELAM/	/HOLL	OW WHEN SOUNDED (20IN L. X	8IN W.) TO NEAR SIDE AT TOP. (P	AR)		

MMS Code	MN	MMS Description			Quantity			
3344	Rep	air / Repla	ace Timber Substructure Componer	nts	1	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Main	itenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
Bent 1 Pile 4: HOLLOW WHEN SOUNDED (5IN H. X FULL PERIMETER) AT TOP. (PAR)								

Bridge: 540007 County LINCOLN

MMS Code	MMS Desc	ription		Quantity	Quantity		
3344	Repair / Rep	Repair / Replace Timber Substructure Components			LF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Not	ification				
Submitted Da	ate: Submit	ted By:	Assisted By:				
03/01/2022	SHAV	/N AUSEL					
Details							
Bent 4 Pile 1 GROUND. (I		CTION LOSS (UP TO 4IN D. X 12IN	W. X 3FT L.) TO LEFT SIDE START	ING 2FT FR	:OM		

MMS Code	MN	MMS Description			Quantity			
3348	Mai	ntain Cond	crete Substructure Components		0	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Main	itenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
End Bent 1 Cap 1: EROSION UNDER CAP (2FT L. X 30IN D.) BELOW BAY 3. (PAR)								

Bridge: 540007 County LINCOLN

MMS Code	MMS De	escrip	otion		Quantity	Quantity		
3348	Maintain	aintain Concrete Substructure Components			3	LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	I		Status					
Priority Main	tenance		Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Sub	mitte	d By:	Assisted By:				
03/01/2022	SH	AWN	I AUSEL					
Details								
Bent 1 Cap 1 SIDE OVER			L. X 8IN W. X 2.5IN D.) WITH EXP	OSED & CORRODED (1/16IN SL) F	EBAR TO N	IEAR		

MMS Code	MN	MMS Description			Quantity		
3348	Mai	ntain Cond	crete Substructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ice	Division Bridge Maintenance Noti	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
03/01/2022		SHAWN	I AUSEL				
Details							
Bent 1 Cap 1: SPALLED PATCH (16IN L. X 12IN W. X 2.5IN D.) WITH EXPOSED & CORRODED (1/16IN SL) REBAR TO FAR RIGHT CORNER AT BOTTOM. (PAR)							

Bridge: 540007 County LINCOLN

MMS Code	MMS Descri	ption		Quantity			
3348	Maintain Concrete Substructure Components			0	LF		
Location:	Location:						
		Bent/Span No.					
Priority Leve	ı	Status					
Priority Main	tenance	Division Bridge Maintenance Noti	fication				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
03/01/2022	SHAWI	N AUSEL					
Details							
		N UNDER CAP (UP TO 24IN D. X L.) BELOW BAY 1. (PAR)	3FT L.) BELOW BEAM 2, AND ERO	SION UNDE	iR		

MMS Code	MN	//S Descrip	otion		Quantity			
3348	Mai	ntain Cond	crete Substructure Components		4	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
03/01/2022		SHAWN	I AUSEL					
Details								
			L. X 6IN W.) TO FAR SIDE TOP E D BEARING. (PAR)	DGE IN BAY 1 EXTENDING UP TO	FAR EDGE	OF		

Bridge: 540007 County LINCOLN

MMS Code	MMS Desc	ription		Quantity		
3348	Maintain Co	Maintain Concrete Substructure Components			LF	
Location:	Location:					
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted D	ate: Submi	ted By:	Assisted By:			
03/01/2022	SHAV	VN AUSEL				
Details						
	1: SPALLING, IDE BELOW I		WITH EXPOSED & CORRODED (1/1	6IN SL) RE	BAR	

MMS Code	MN	MMS Description			Quantity			
3352	Mai	nt Slope P	rotection		9	SF		
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:				
03/01/2022		SHAWN	I AUSEL					
Details								
D.)	END BENT 1 SLOPE PROTECTION - SPALLED/BROKEN AREA (3FT L. X 3FT W.) WITH EROSION (UP TO 2FT							

Bridge: 540007 County LINCOLN

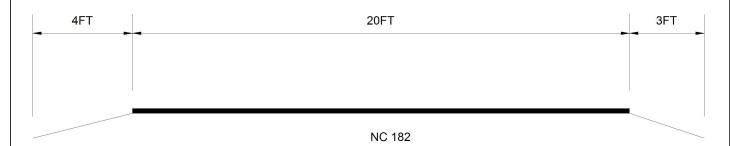
MMS Code	MMS Descr	iption		Quantity		
3352	Maint Slope	Maint Slope Protection			SF	
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Noti	ification			
Submitted Da	ate: Submitt	ed By:	Assisted By:			
03/01/2022	SHAW	N AUSEL				
Details						
LEFT SIDE. END BENT 2	END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 4FT L.) AT LEFT SIDE. (PAR) END BENT 2 SLOPE PROTECTION - EROSION UNDER CONCRETE SLOPE PROTECTION (6FT W. X 3FT L.) AT RIGHT SIDE. (PAR)					

MMS Code	M	IMS Description Quantity										
3314 Maintain Steel Superstructure Components 2												
Location:												
			Bent/Span No.									
Priority Level Status												
Recommend	ded		Routine Maintenance	Routine Maintenance								
Submitted D	ate:	Submitte	d By:	Assisted By:								
03/01/2022		SHAWN	I AUSEL									
Details												
Details Span 4 Beam 2: ARRESTED WEB SECTION LOSS (UP TO 1/4IN SL, 1/4IN REMAIN) 2.5IN H. X 2FT L. STARTING 28IN FROM FAR END. (PAR)												

Bridge: 540007 County LINCOLN

MMS Code	MN	//S Descrip	otion		Quantity						
3314	Mai	Maintain Steel Superstructure Components									
Location:											
	Bent/Span No.										
Priority Leve	el		Status								
Recommend	nended Routine Maintenance										
Submitted D	ate:	Submitte	d By:	Assisted By:							
03/01/2022		SHAWN	I AUSEL								
Details											
Details Span 4 Beam 2: ARRESTED WEB SECTION LOSS (UP TO 3/16IN SL, 5/16IN REMAIN) 5IN L. X 1.5IN W. AT FAR END DIAPHRAGM. (PAR)											

MMS Code	MN	MMS Description Quantity										
3326	Maintain Concrete Deck											
Location:												
			Bent/Span No.									
Priority Leve	el		Status									
Recommend	ded		Routine Maintenance									
Submitted D	ate:	Submitte	d By:	Assisted By:								
03/01/2022		SHAWN	I AUSEL									
Details												
Span 5 Deck: INTERMITTENT SPALLING/DELAM (UP TO 12IN L. X 5IN W. X 1/2IN D.) WITH EXPOSED REBAR TO TOP OF DECK THROUGHOUT FAR END. (PAR)												

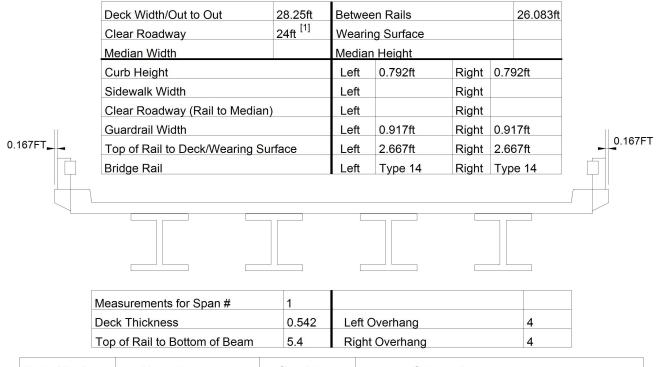


MEASUREMENTS TAKEN 130FT FROM NEAR END OF BRIDGE

Roadway	20ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	3ft Wide		3ft Unpaved
Left Guardrail			
Right Guardrail			

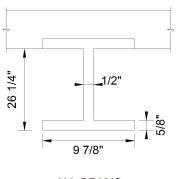
VERIFIED 3/1/2022 TSA & MWR MODIFIED ON 3/10/2020 BY RS

Title		Descri	ption	
APPROACH		LOOKI	NG EAST	
Bridge No: 540007	Drawn By: DJA		Date: 03/03/2008	File Name: S0142000697



Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.75ft	
2	Steel I Beam	6.75ft	
3	Steel I Beam	6.75ft	
4	Steel I Beam	ft	

[1] MEASUREMENT TAKEN FROM CURB TO CURB

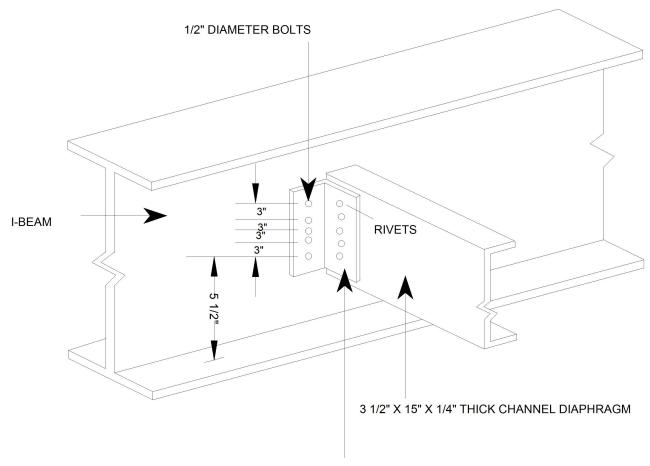


ALL BEAMS

REVISED 3/1/2022 TSA & MWR

Title		Description						
DECK SECTION		TOP AND BOTTOM DETAILS						
Bridge No: 540007	Drawn By: DJA		Date: 03/03/2008	File Name: S0142000698				

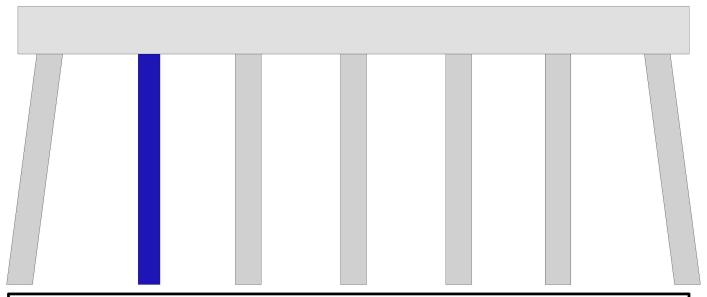
DIAPHRAGM DETAILS



STEEL ANGLE BOLTED TO WEBS OF CHANNEL DIAPHRAGM AND BOLTED TO BEAM

VERIFIED 3/1/2022 TSA & MWR VERIFIED ON 3/10/2020 BY RS

Title		Descri	ption	
DIAPHS.		DETAI	LS	
Bridge No: 540007	Drawn By: DEREK RICKUS		Date: 3/26/2012	File Name:S0142001749



Cap Information Material Cast-in-Place Concrete													
Lengtl	Length Width Height Le				Left Overhang Right Overhang			Left Beam to End of Cap.			Righ	Right Beam to End of Cap.	
28.167	ft.	2.417 ft.	2.000 ft.	1.333	ft.	1.333 ft.	1.333 ft.		2.833 ft.			1.500 ft.	
Subcar	Subcap Information												
Length Width Height				Left Over	hang	Right Overh	ang	Left Pi	le to Splid	ce.			
Sill Info	orma	ition		Material									
Length Width Height													
Pile#	Ma	terial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	ent?	Removed?	Collar?
1	Tin	nber	4.167 ft.	1.083 ft.			Battered		Yes	No		No	No
2	Tin	nber	4.167 ft.	0.917 ft.			Vertical		Yes	Yes		No	No
3	Tim	nber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
4	Tin	nber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
5	Tin	nber	4.167 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
6	Timber 4.167 ft. 1.083 ft. V		Ver	tical	Yes	No		No	No				
7	7 Timber 1.083 ft.		Batt	ered	Yes	No		No	No				

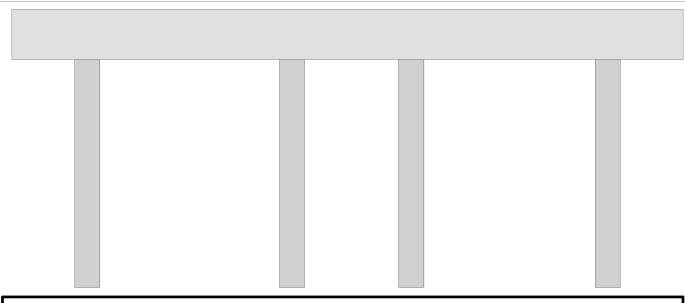
REVISED 3/1/2022 TSA & MWR

Bent/Abutment #: 1

TitleDescriptionBENT 1SUBSTRUCTUR DETAILS

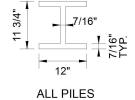
Similar Bents:

Bridge No: 540007 Drawn By: DJA Date: 3/3/2008 File Name: \$0146031451



Cap Information Material Cast-in-Place Concrete													
Lengt	h	Width	Height	Left Over	Left Overhang Rig			Left Be	Left Beam to End of Cap. Ri		Righ	Right Beam to End of Ca	
26.750	ft.	2.417 ft.	2.000 ft.	000 ft. 3.000 ft. 3.000 ft. 2.833 ft.						1.500 ft.			
Subcar	o In	formation		Material	Steel								
Length Width Height Left Overhang Right Overhang Left Pile to Splice.													
28.917 ft. 1.000 ft990 ft. 3.667 ft. 4.500 ft.													
Sill Information Material													
Lengt	h	Width	Height										
Pile#	Ma	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	nent?	Removed?	Collar?
1	St	eel	8.167 ft.	1 ft.	0.979 f	t.	Ver	tical	Yes	No		No	No
2 Steel 4.75 ft. 1 ft. 0.979 ft.				Verl	tical	Yes	No		No	No			
3	St	eel	7.833 ft.	1 ft.	0.979 f	t. Verti		tical	Yes	No		No	No
4	St	eel		1 ft.	0.979 f	t.	Ver	tical	Yes	No		No	No

NOTE: SEE BENT 2 REPAIR SKETCH FOR ADDITIONAL DETAILS.



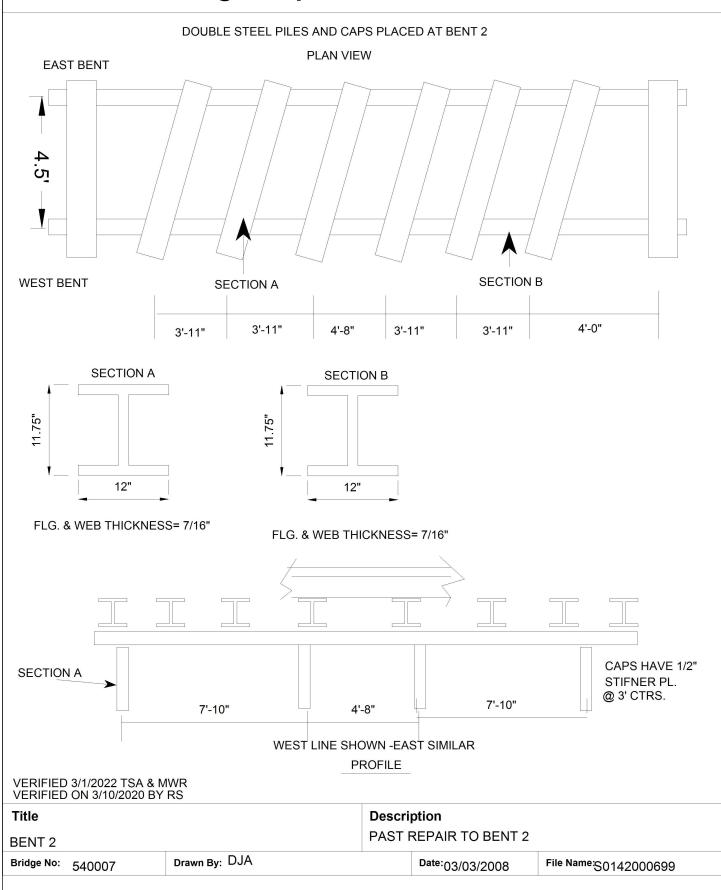
VERIFIED 3/1/2022 TSA & MWR

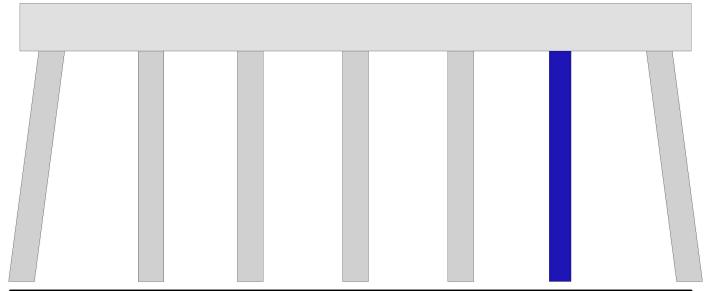
Bent/Abutment #: 2 Similar Bents:

VERIFIED ON 3/10/2020 BY RS

TitleDescriptionBENT #2PILE DETAILS

Bridge No: 540007 Drawn By: DJA Date: 3/3/2008 File Name: \$0146031452





Cap Information Material Cast-in-Place Concret													
Length Width Height Left Overhang				Right Overhang Left Beam to End of C			nd of Cap.	ap. Right Beam to End of Cap.					
28.167	ft.	2.417 ft.	2.000 ft.	1.333	ft.	1.333 ft.		2.8	333 ft.		2.	.833 ft.	
Subca	p In	formation		Material	Material								
Lengt	th	Width	Height	Left Over	hang	Right Overh	ang	Left Pi	le to Splid	ce.			
Sill Info	orm	ation		Material									
Length Width Height													
Pile#	М	aterial	Spacing	Width/Dia.	Height	Length	Orientation		Driven?	Replaceme	ent?	Removed?	Collar?
1	Ti	mber	4.167 ft.	1.083 ft.			Batt	ered	Yes	No		No	No
2	Ti	mber	4.167 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
3	Ti	mber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
4	Ti	mber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
5	Ti	mber	4.167 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
6	Ti	mber	4.167 ft.	0.917 ft.			Ver	tical	Yes	Yes		No	No
7	Ti	mber	1.083 ft.		Batt	ered	Yes	No		No	No		

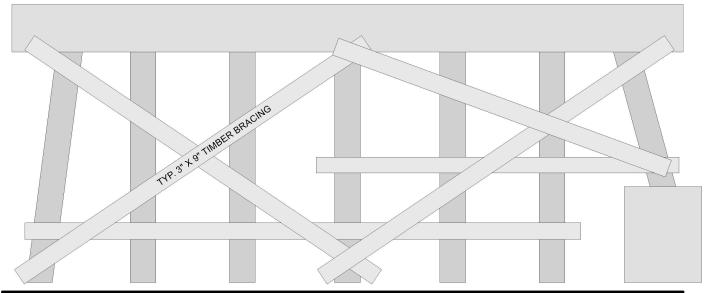
Bent/Abutment #: 4 Similar Bents:

Description

BENT 4 SUBSTRUCTURE DETAILS

Title

Bridge No: 540007 Drawn By: TSA Date: 3/4/2022 File Name: \$0690000158



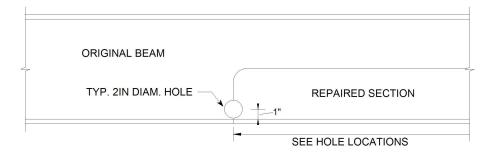
Cap Information Material Cast-in-Place Concrete													
Lengt	th	Width	Height	Left Over	hang	Right Overhang		Left Beam to End of Cap.		nd of Cap.	Right Beam to End of Ca		d of Cap.
28.167	ft.	2.417 ft.	2.000 ft.	1.333 ft.		1.333 ft.	1.333 ft.		333 ft.		1.500 ft.		
Subcap Information				Material									
Length Width Height				Left Over	hang	Right Overh	ang	Left Pi	le to Splid	ce.			
Sill Info	orm	ation		Material									
			Height										
Pile#	М	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	ent?	Removed?	Collar?
1	Ti	mber	4.167 ft.	1.083 ft.			Batt	ered	Yes	No		No	No
2	Ti	mber	4.167 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
3	Ti	mber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
4	Ti	mber	4.417 ft.	1.083 ft.			Ver	tical	Yes	No		No	No
5	Timber 4.167 ft. 1.083 ft.			Vertical		Yes	No		No	No			
6	Timber 4.167 ft. 1.083 ft.		Ver	tical	Yes	No		No	No				
7	7 Timber 1		1.083 ft.			Batt	ered	red Yes No			No	Yes	

Bent/Abutment #: 3 Similar Bents:

TitleDescriptionBENT 3SUBSTRUCTURE DETAILS

Bridge No: 540007 Drawn By: TSA Date: 3/4/2022 File Name: \$0690000159

TYP. HOLE IN BEAM WEBS AT END OF REPAIRED SECTION



HOLE LOCATIONS

SPAN 3 BEAM 1 - 72IN FROM NEAR END

SPAN 3 BEAM 3 - 20IN FROM FAR END

SPAN 4 BEAM 3 - 20IN FROM NEAR END

SPAN 4 BEAM 2 - 28IN FROM FAR END

SPAN 5 BEAM 2 - 48IN FROM NEAR END

Title		Description		
BEAM HOLES		HOLES AT END OF REPAIR PLATES		
Bridge No: 540007	Drawn By: TSA		Date: 3/4/2022	File Name: S0690000160