



NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STRUCTURE MANAGEMENT UNIT

ATTENTION:

**PRIORITY MAINT ITEMS ISSUED ON CAPS ,
 COLUMNS , HAUNCH AREAS UNDER CAPS ,
 GIRDERS**

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: ORANGE STRUCTURE NUMBER: 670046 FREQUENCY: 24 MONTHS

FACILITY CARRIED: US70 MILE POST: _____

LOCATION: 0.1 MI. E. JCT.SR1706

FEATURE INTERSECTED: ENO RIVER

LATITUDE: 36° 4' 32.35" LONGITUDE: 79° 4' 15.5"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK GIRDERS

SUBSTRUCTURE: ABUTMENTS:RC SPILL THRU, INTERIOR BENTS:2 COL., RC POST & BEAM

SPANS: 5@47'6"

FRACTURE CRITICAL TEMPORARY SHORING SCOUR CRITICAL SCOUR PLAN OF ACTION

PRESENT CONDITION: Poor INSPECTION DATE: 04/21/2016

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: NONE



LOOKING EAST

Sign noticed issued for	Number Required
<u>NO</u> WEIGHT LIMIT	<u>0</u>
<u>NO</u> DELINEATORS	<u>0</u>
<u>NO</u> NARROW BRIDGE	<u>0</u>
<u>NO</u> ONE LANE BRIDGE	<u>0</u>
<u>NO</u> LOW CLEARANCE	<u>0</u>

INSPECTED BY RD WILLIAMS	SIGNATURE <i>RD Williams</i>	ASSISTED BY CARLTON ADAMS
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Structure Element Scoring

Structure Number: 670046

Inspection Date 4/21/2016

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	9025	6875	2150	0	0
110	0	Reinforced Concrete Open Girder/Beam	Beam	1200	1036	153	11	0
204	0	Prestressed Concrete Column	Piles and Columns	2	0	0	2	0
205	0	Reinforced Concrete Column	Piles and Columns	12	6	4	2	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	65	65	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	206	55	124	27	0
301	0	Pourable Joint Seal	Expansion Joints	210	210	0	0	0
313	0	Fixed Bearing	Bearing Device	25	0	25	0	0
515	313	Steel Protective Coating	Bearing Device	25	0	0	25	0
316	0	Other Bearings	Bearing Device	25	0	25	0	0
515	316	Steel Protective Coating	Bearing Device	25	0	0	25	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	480	240	180	60	0
510	0	Wearing Surface	Wearing Surfaces	8075	0	8075	0	0

Element Structure Maintenance Quantities

Structure Number: 670046

Inspection Date 04/21/2016

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	210	0	0	0	210
Footing	3348	Maintenance of Concrete Substructure	0	65	0	0	0	65
Bearing Device	3334	Bridge Bearing	50	50	0	0	50	0
Bearing Device	3342	Clean and Paint Steel	50	50	0	50	0	0
Beam	3306	Maintenance Concrete Superstructure Components	164	1200	0	11	153	1036
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	240	480	0	60	180	240
Piles and Columns	3348	Maintenance of Concrete Substructure	297	14	0	4	4	6
Caps	3348	Maintenance of Concrete Substructure	302	477	0	54	248	175
Deck	3326	Maintenance of Concrete Deck	6450	27075	0	0	6450	20625
Wearing Surfaces	2816	Asphalt Surface Repair	32300	32300	0	0	32300	0

Element Condition and Maintenance Data

Structure Number: 670046

Inspection Date: 04/21/2016

Span 1		Reinforced Concrete	Reinforced Concrete Deck				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,805	1,605	200	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
200 Square Feet of Cracking (RC and Other): Unsealed moderate-width cracks or unsealed moderate pattern (map) cracking SCATTERED MAP CRACKS.							

Span 1		Reinforced Concrete	Reinforced Concrete Girder				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete Open Girder/Beam	48	46	2	0	0	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. SPAN 1 GIRDER 4 HAS A CRACKED DELAMINATED AREA ALONG EDGE OF GIRDER AT BENT 1 5" UP FACE 16" LONG AND 3" UNDER BOTTOM.							

Span 1		Asphalt Wearing	Asphalt Wearing Surface				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,615	0	1,615	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 1 WEARING SURFACE IS HEAVILY MAP CRACKED.							

Span 1		Concrete Railing 1	Concrete Railing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	48	33	15	0	0	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 1 LEFT RAIL AND CURB CRACKING WITH SURFACE SCALE.							

Span 1 Concrete Railing 2 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	33	15	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 1 RIGHT RAIL AND CURB CRACKING WITH SURFACE SCALE.

Span 1 Fixed Bearing 1 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1 Other Bearing 1 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1 Fixed Bearing 2 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1 Other Bearing 2 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1		Fixed Bearing 3	Fixed Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
313		Fixed Bearing		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

10 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1		Other Bearing 3	Other Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
316		Other Bearings		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1		Fixed Bearing 4	Fixed Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
313		Fixed Bearing		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1		Other Bearing 4	Other Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
316		Other Bearings		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1		Reinforced Concrete	Reinforced Concrete Girder			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	43	0	5	0 Feet
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty
0				0	0	0
General Comments						
5 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. SPAN 1 GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA LOCATED AT 15' FM BENT 1. 6" UP FACE 52" LONG 10" UNDER BOTTOM WITH LARGE REBAR EXPOSED.						

Span 1		Fixed Bearing 5	Fixed Bearing			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty
0				0	0	0
General Comments						
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated. 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.						

Span 1		Other Bearing 5	Other Bearing			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty
0				0	0	0
General Comments						
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated. 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.						

Span 2		Asphalt Wearing	Asphalt Wearing Surface			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	1,615	0	1,615	0	0 Square Feet
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty
0				0	0	0
General Comments						
1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 2 WEARING SURFACE HEAVILY MAP CRACKED BOTH LEFT AND RIGHT LANES.						

Span 2		Concrete Railing 1	Concrete Railing			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	18	30	0	0 Feet
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty

0 0 0 0

General Comments

30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 2 LEFT RAIL HAS MAP CRACKING AND SURFACE SCALE TOP OF RAIL AND CURB.

Span 2 Concrete Railing 2 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	18	30	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 2 RIGHT RAIL HAS MAP CRACKING AND SURFACE SCALE TOP OF RAIL AND CURB.

Span 2 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	46	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 2 GIRDER 1 HAS 2 SURFACE SPALL AREAS IN BOTTOM OF GIRDER 6" X 6" X 9" BOTH ARE 3/4" DEEP WITH REBAR EXPOSED 8' FROM BENT 2 CAP.

1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 2 GIRDER 1 LEFT SIDE OVER BENT 2 HAS A 9" X 10" SURFACE SPALL AREA 3/4" DEEP WITH REBAR EXPOSED.

Span 2 Fixed Bearing 1 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Other Bearing 1 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.

1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Fixed Bearing 2 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Other Bearing 2 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Fixed Bearing 3 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Other Bearing 3 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Fixed Bearing 4 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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0 0 0 0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Other Bearing 4 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	46	0	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 SPAN 2 RIGHT SIDE OF GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA OVER BENT 1 19" HIGH FM END OUT 24" 1 3/4" DEEP WITH REBAR AND STIRRUPS EXPOSED.

Span 2 Fixed Bearing 5 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Other Bearing 5 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Reinforced Concrete Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck	1,805	1,605	200	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

200 Square Feet of Cracking (RC and Other): Unsealed moderate-width cracks or unsealed moderate pattern (map) cracking SOME SCATTERED MAP CRACKS IN BOTTOM DECK.

Span 3 Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	1,615	0	1,615	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 3 WEARING SURFACE IS HEAVILY MAP CRACKED IN BOTH LEFT AND RIGHT LANES.

Span 3 Concrete Railing 1 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	23	25	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

25 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 2 RIGHT RAIL TOP AND CURB SURFACE SCALING AND MAP CRACKING.

Span 3 Concrete Railing 2 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	23	25	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

25 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 3 RIGHT RAIL TOP AND CURB SURFACE SCALING AND MAP CRACKING.

Span 3 Fixed Bearing 1 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3		Other Bearing 1	Other Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
316		Other Bearings		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3		Reinforced Concrete	Reinforced Concrete Girder	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
110		Reinforced Concrete Open Girder/Beam		48	46	0	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 SPAN 3 BEAM 2 AT BENT 2 BOTTOM OF GIRDER HAS A SPALL AREA 16" W FROM CAP OUT 18" AND 2" DEEP REBAR AND STIRRUPS EXPOSED.

Span 3		Fixed Bearing 2	Fixed Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
313		Fixed Bearing		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3		Other Bearing 2	Other Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Element Number		Element Name						
316		Other Bearings		1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	46	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 SPAN 3 GIRDER 3 LEFT SIDE HAS CRACKED DELAMINATED AREA FM BENT 2 CAP OUT 23" AND 10" UP FACE AND 6" UNDER BOTTOM.

Span 3 Fixed Bearing 3 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Other Bearing 3 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Fixed Bearing 4 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Other Bearing 4 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

0 0 0 0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	45	3	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

3 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 SPAN 3 RIGHT SIDE OF GIRDER 5 MAP CRACKING OVER BENT 3 CAP.

Span 3 Fixed Bearing 5 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 3 Other Bearing 5 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4 Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	1,615	0	1,615	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 SPAN 4 WEARING SURFACE IS HEAVILY MAP CRACKED LEFT AND RIGHT LANE.

Span 4		Concrete Railing 1	Concrete Railing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	48	33	15	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 4 LEFT RAIL FINE MAP CRACKING AND SURFACE SCALE ON TOP OF RAIL.							

Span 4		Concrete Railing 2	Concrete Railing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	48	23	25	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
25 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 4 RIGHT RAIL FINE MAP CRACKING AND SURFACE SCALE ON TOP OF RAIL.							

Span 4		Reinforced Concrete	Reinforced Concrete Girder				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete Open Girder/Beam	48	46	0	2	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. SPAN 4 LEFT SIDE OF G1 OVER BENT 4 CRACKED SPALL DELAMINATED AREA FM END OF GIRDER BACK 24" BOTTOM UP 27" & 1 1/2" DEEP VERTICAL REBAR EXPOSED.							

Span 4		Other Bearing 1	Other Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated. 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 4		Fixed Bearing 1	Fixed Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

0 0 0 0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4	Other Bearing 2	Other Bearing
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Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4	Fixed Bearing 2	Fixed Bearing
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Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4	Other Bearing 3	Other Bearing
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Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4	Fixed Bearing 3	Fixed Bearing
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Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	46	2	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 SPAN 4 LEFT SIDE OF G4 AT BENT 3 CRACKED AND DELAMINATED AREA ALONG BOTTOM OF GIRDER. 3" UP FACE FROM END OF GIRDER OUT 17" AND 2" UNDER BOTTOM.

Span 4 Other Bearing 4 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4 Fixed Bearing 4 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 4 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	39	9	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 SPAN 4 GIRDER 5 CRACKED.
 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 SPAN 4 GIRDER 5 RIGHT SIDE HAS 3 SURFACE SPALL AREAS NEAR BENT 3 WITH EFFLO STAINS
 .
 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 SPAN 4 RIGHT SIDE OF G5 HAS A CRACKED DELAMINATED AREA IN FACE OF GIRDER 8' FROM BENT 4 CAP 14" X 21".
 3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

SPAN 4 G5 RIGHT SIDE OVER BENT 4 HAS 4 SURFACE SPALL AREAS UNDER RIGHT OVER HANG IN AN AREA 9" X 29".

Span 4		Other Bearing 5	Other Bearing				
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings		1	0	1	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 4		Fixed Bearing 5	Fixed Bearing				
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing		1	0	1	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Reinforced Concrete	Reinforced Concrete Deck				
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinforced Concrete Deck		1,805	55	1,750	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
350 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 5 BOTTOM OF DECK HAS SCATTERED MAP CRACKING WITH EFFLO THROUGH OUT BAY 1.							
1400 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 5 BOTTOM OF DECK HAS SCATTERED MAP CRACKING IN BAYS 2, 3 AND 4 WITH EFFLO STAINS.							

Span 5		Asphalt Wearing Surface					
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface		1,615	0	1,615	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 5 WEARING SURFACE HEAVILY MAP CRACKED ON TOP.							

Span 5 Concrete Railing 1 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	0	0	48	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

48 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft.
SPAN 5 LEFT RAIL MAP CRACKING AND SURFACE DETERIORATION FROM BENT 4 TO END OF BRIDGE.

Span 5 Concrete Railing 2 Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	48	36	0	12	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

12 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 5 RIGHT RAIL POST 2 IS SPALL AND DETERIORATING AND RIGHT CURB CONCRETE IS DETERIORATING FORM JOINT AT BENT 4 OUT TO RAIL POST 3.

Span 5 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	0	48	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 5 LEFT SIDE OF G1 MAP CRACKED AND SPALL AREA ALONG END OF GIRDER OVER BENT 4. SPALL IS 21" DOWN GIRDER 5" WIDE AND 5" DEEP.

15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 G1 SCATTERED LONGITUDINAL CRACK AND MAP CRACKS.

30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 BOTTOM OF G1 FROM BENT 4 TO END BENT 2 SCATTERED LONGITUDINAL CRACKS WITH EFFLO STAINS.

Span 5 Other Bearing 1 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 5		Fixed Bearing 1	Fixed Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Reinforced Concrete	Reinforced Concrete Girder				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete Open Girder/Beam	48	28	20	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
20 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SCATTERED LONGTUDINAL CRACKS ALONG BOTTOM EDGE OF GIRDER							

Span 5		Other Bearing 2	Other Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Fixed Bearing 2	Fixed Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Reinforced Concrete	Reinforced Concrete Girder				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete Open Girder/Beam	48	28	20	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0

General Comments

20 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SCATTERED LONG. CRACKS

Span 5 Other Bearing 3 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 5 Fixed Bearing 3 Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Bearing	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 5 Reinforced Concrete Reinforced Concrete Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinforced Concrete Open Girder/Beam	48	33	15	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 SPAN 5 BOTTOM OF BEAM 5 HAS SCATTERED MAP CRACKS AND LONGITUDINAL CRACKS ALONG THE BOTTOM FROM BENT 4 OUT.

Span 5 Other Bearing 4 Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.
 1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 5		Fixed Bearing 4	Fixed Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Reinforced Concrete	Reinforced Concrete Girder				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete Open Girder/Beam	48	18	30	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SCATTERED LONGITUDINAL CRACKS IN THE BOTTOM OF THE GIRDER							

Span 5		Other Bearing 5	Other Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Span 5		Fixed Bearing 5	Fixed Bearing				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	0 Each
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							
1 Each of Corrosion: Freckled rust. Corrosion of the steel has initiated.							
1 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.							

Bent 1		Reinforced Concrete	Reinforced Concrete Pier Cap				
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	39	24	15	0	0	0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
0					0	0	0
General Comments							

15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SCATTERED MAP CRACKS IN FACE OF CAP.

Bent 1 Reinforced Concrete Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	34	0	34	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound.
 BENT 1 WEST FACE OF CAP HAS A HORZ CRACKED DELAMINATED AREA RIGHT SIDE OF GIRDER 1 THAT IS 10" X 24".

13 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 WEST FACE OF CAP HAS A CRACKED SPALL DELAMINATED AREA ALONG THE BOTTOM EDGE FM LEFT END TO RIGHT SIDE OF GIRDER 2. 9" TO 18" UP FACE 13' LONG 7" UNDER BOTTOM. SPALL AREA IS 4" X 30" X 4" WITH REBAR EXPOSED.

6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 WEST FACE OF CAP HAS A HORZ CRACKED DELAMINATED AREA BETWEEN GIRDERS 2 AND 3 ALONG TOP OF CAP. 15" DOWN FACE AND 7" LONG.

7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 WEST FACE OF CAP HAS A HAS CRACKED DELAMINATED SPALL AREA UNDER G3 15" UP BASE 80" LONG AND 6" UNDER BOTTOM. LARGE REBAR AND STIRRUPS EXPOSED.

6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 WEST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA ALONG TOP EDGE BETWEEN GIRDERS 3 AND 4. 14" DOWN FACE AND 78" LONG.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 1 WEST FACE OF CAP CRACKED SPALL AND DELAMINATED AREA UNDER G4 TOP DOWN 30" & 78" WIDE 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 1 WEST FACE OF CAP CRACKED SPALL DELAMINATED AREA FM RIGHT END BACK 60" 16" UP FACE 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 1 RIGHT END AND EAST FACE OF CAP UNDER GIRDER 5 CRACKED SPALL DELAMINATED 10" ON RIGHT END 17" ON EAST FACE TOP DOWN 30".

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 EAST FACE OF CAP UNDER GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA ALONG BOTTOM EDGE 10" UP FACE 31" LONG AND 6" UNDER BOTTOM.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT EAST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA UNDER GIRDER 4 UNDER BOTTOM EDGE OF CAP. 9" X 42" X 6" UNDER BOTTOM.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 1 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE TOP RIGHT SIDE OF GIRDER 3. 16" DOWN FACE 57" LONG.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 1 EAST OF CAP HAS CRACKED SPALL DELAMINATED AREA ALONG BOTTOM EDGE OF CAP UNDER

GIRDER 3. 12" UP FACE 15" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound

BENT 1 EAST FACE OF CAP HAS 2 SPALL AREAS UNDER GIRDER 2 15' X 16" AND FM BOTTOM UP 16" 69" LONG AND 6" UNDER BOTTOM.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound

BENT 1 EAST OF CAP HAS A HORZ CRACKED AND DELAMINATED AREA BETWEEN G1 AND G2. 14" DOWN FACE AND 56" LONG.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review

BENT 1 EAST OF CAP HAS CRACKED SPALL DELAMINATED AREA ALONG BOTTOM OF CAP RIGHT SIDE OF G1 18" UP FACE 43" LONG SPALL IS 10" X 19" X 6" WITH LARGE REBAR EXPOSED.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound

BENT 1 EAST FACE OF CAP HAS HORZ CRACKS FROM LEFT TO RIGHT END ALONG THE FACE OF CAP.

Bent 1 Reinforced Concrete Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

BENT 1 PILE 1 SOUTH WEST CORNER OF PILE HAS CRACKED DELAMINATED AREA FROM TOP DOWN 82". 4 TO 15" ON WEST FACE AN 4" ON SOUTH FACE.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 2 PILE 1 NE CORNER CRACKED SPALL DELAMINATED STARTS 3' BELOW CAP EXTENDS DOWN 7' 9" ON EACH FACE. LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 2 PILE 1 CRACKED SPALL DELAMINATED ON NE CORNER OF PILE 15' ABOVE FOOTING EXTENDS UP 16" 8" ON EACH FACE.

Bent 1 Reinforced Concrete Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

BENT 1 PILE 2 HAS A CRACKED DELAMINATED AREA ON NW CORNER TOP DOWN 25" AND 5" ON NORTH FACE AND 6" ON WEST.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON NW CORNER OF PILE STARTS 35" BELOW CAP EXTENDS DOWN 8' 10" ON NORTH FACE 8" ON WEST.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON SW CORNER STARTS 20" BELOW BOTTOM OF CAP & EXTENDS DOWN 11' & 10" ON SOUTH AND WEST FACE WITH LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 1 PILE 2 CRACKED SPALL DELAMINATED ON SE CORNER OF PILE 10" ON SOUTH FACE 8" ON EAST 11" DOWN FACE START 32" BELOW THE CAP.

Bent 2 Reinforced Concrete Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	34	0	34	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 CAP WEST FACE HAS A CRACKED SPALL DELAMINATED AREA UNDER GIRDER 2. 34" X 39" X 6" UNDER BOTTOM. SPALL AREA IS 8" X 8" X 2" DEEP ALONG THE LEFT SIDE OF GIRDER 2.

1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 CAP WEST FACE HAS A SPALL AREA ALONG LEFT SIDE OF GIRDER 3. 6" X 10" X 3" DEEP.

4 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 WEST FACE OF CAP CRACKED AND DELAMINATED AREA UNDER BOTTOM EDGE 12" UP FACE 39" LONG 6" UNDER BOTTOM.

15 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 WEST FACE OF CAP HAS HORZ CRACKS ALONG THE TOP AND MAP CRACKING ON THE ENDS.

0 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft.
 BENT 2 CAP RIGHT END OF CAP HEAVILY MAP CRACKED.

5 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE BOTTOM EDGE 5" UP FACE 52" LONG 6" UNDER BOTTOM.

6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA BETWEEN G1 AND G5 11" DOWN FACE AND 60" LONG.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG BOTTOM OF CAP UNDER GIRDER 4. 20" UP THE FACE 7" LONG 6" UNDER BOTTOM.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP CRACKED AND DELAMINATED AREA ALONG TOP OF CAP BETWEEN GIRDERS 3 AND 4. 13" X 54".

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS 2 CRACKED DELAMINATED AREAS UNDER GIRDER 3 14" X 15" AND 20" X 26".

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE TOP EDGE OF CAP 11" DOWN FACE 35" LONG ON LEFT SIDE OF GIRDER 3.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA AT GIRDER 2 30" X 33".

0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 2 LEFT END OF CAP MAP CRACKING AND ALONG THE BOTTOM EAST FACE UNDER GIRDER 1.

Bent 2 Reinforced Concrete Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA NW CORNER OF PILE STARTS 42" BELOW CAP EXTENDS DOWN 87" AND 10" ON EACH FACE.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 1 NW CORNER HAS CRACKED SPALL DELAMINATED AREA START 15' ABOVE FOOTING EXTENDS UP 36" & 10" ON NORTH FACE 12" ON WEST FACE WITH 2 LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA ON SW CORNER OF PILE STARTS 14' ABOVE FOOTING EXTENDS UP 52" 15" ON WEST FACE AND 9" ON SOUTH WITH 2 LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 1 HAS A CRACKED DELAMINATED AREA ON WEST FACE 100" BELOW BOTTOM OF CAP 9" X 36".

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 1 HAS A CRACKED SPALL DELAMINATED AREA ON SW CORNER FM BOTTOM OF CAP DOWN 16' 5" FROM 8 TO 15 ON WEST FACE AND 10" ON SOUTH. LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 1 CRACKED DELAMINATED AREA ON SE FACE FROM BOTTOM OF CAP DOWN 19" AND 4" ON SOUTH AND EAST FACE.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 1 CRACKED DELAMINATED AREA ON SE CORNER OF PILE AT THE STRUT 3" ON SOUTH FACE 9" ON EAST FACE AND 37" HIGH.

Bent 2 Reinforced Concrete Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 2 CRACKED DELAMINATED AREA ON NW FACE OF PILE FM TOP DOWN 11' AND 11" ON NORTH AND 9" ON WEST.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 2 HAS A CRACKED SPALL DELAMINATED AREA NW CORNER 10" ON NORTH 12 ON WEST, START 14' ABOVE FOOTING EXTENDS UP 9' HIGH WITH LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 2 CRACKED SPALL DELAMINATED AREA SW CORNER STARTS 14' ABOVE FOOTING EXTENDS UP 8' 4" FM 6" TO 16' ON WEST FACE AND 10" ON SOUTH. REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 2 HAS CRACKED DELAMINATED AREA SW CORNER OF PILE STARTS 53" BELOW CAP EXTENDS DOWN 75". 9" ON WEST FACE AND 5" ON SOUTH.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 2 CRACKED AND DELAMINATED AREA ON SE CORNER OF PILE STARTS 28" BELOW CAP EXTENDS DOWN 103" 14" ON SOUTH FACE AND 8" ON THE EAST.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 PILE 2 IS CRACKED AND DELAMINATED ON SE CORNER OF PILE STARTS 14' 8" ABOVE FOOTING EXTENDS UP 94" . 5" ON SOUTH AND EAST FACE.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 2 SOUTH FACE OF PILE 2 CRACKED DELAMINATED SPALL AREA FACE OF PILE STARTS 14' ABOVE THE FOOTING EXTENDS UP 77" 11" WIDE. SPALL AREA IS 9" X 36" X 3/4 WITH REBAR EXPOSED.

0 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft.
 BENT 2 PILE 2 HAS VERTICAL CRACKS ON THE FACE OF THE PILE.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 2 PILE 2 CRACKED DELAMINATED AND SPALL AREA ON NE CORNER OF PILE STARTS 26" BELOW THE CAP EXTENDS DOWN 90" 11" ON EAST FACE AND 8" ON NORTH.

Bent 3 Reinforced Concrete Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	34	0	34	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 3 LEFT END OF CAP IS MAP CRACKED.

3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 3 WEST FACE OF CAP HAS A SPALL AREA ALONG BOTTOM EDGE UNDER GIRDER 2 7" UP FACE 31" LONG 3" DEEP 6" UNDER BOTTOM.

7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 3 WEST FACE OF CAP HORZ CRACK AND DELAMINATED AREA ALONG TOP EDGE OF CAP FROM TOP DOWN 16" AND 74" LONG.

24 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 3 CAP WEST FACE HAS HORZ CRACKS ALONG TOP EDGE FROM G1 TO G5 AND APPROX 10" TO 12" DOWN FACE.

0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 3 RIGHT END OF CAP MAP CRACKING AND HAS A 7" X 12" SPALL 1" DEEP.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 3 EAST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA UNDER GIRDER 5 ALONG THE BOTTOM EDGE. 7" UP FACE AND 51" LONG.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 3 EAST FACE OF CAP HAS A HORZ CRACK AND DELAMINATED AREA UNDER GIRDER 4 FROM TOP DOWN 10" AND 40" LONG.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
 BENT 3 EAST OF CAP HAS A CRACKED AND DELAMINATED AREA BETWEEN GIRDERS 3 AND 4. 15" X 39".

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched

area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 3 EAST FACE OF CAP HAS A DELAMINATED AND SPALL AREA ALONG BOTTOM EDGE OF CAP FM G3 TO RT OF G4. 9" UP FACE 11' 8" LONG 6" UNDER BOTTOM REBAR STIRRUPS EXPOSED.

0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 3 EAST FACE OF CAP HAS A HORZ CRACK FROM G1 TO G5 10" TO 12" DOWN FACE.

Bent 3		Reinforced Concrete	Reinforced Concrete Column			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 3 NW CORNER OF PILE 1 SPALL AREA 33" BELOW CAP EXTENDS DOWN 38". 5" ON NORTH 10" ON WEST WITH LARGE REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 3 PILE 1 CRACKED SPALL DELAMINATED AREA NE CORNER OF PILE STARTS 32" BELOW CAP EXTENDS DOWN 80" 11" ON EAST AND 6" NORTH.

Bent 3		Reinforced Concrete	Reinforced Concrete Column			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinforced Concrete Column	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft.
 BENT 3 PILE 2 HAS SCATTERED VERTICAL CRACKS ALONG EACH FACE IN PILE.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA NW CORNER STARTS 12' ABOVE FOOTING EXTENDS UP 11' 6". 16" ON NORTH AND 11" ON WEST.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SW CORNER OF PILE STARTS 32" FM BOTTOM OF CAP EXTENDS DOWN 24' 16" ON WEST FACE 13" ON SOUTH FACE WITH LARGE REAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SE CORNER OF PILE STARTS 24" BELOW CAP EXTENDS DOWN 24' 14" ON SOUTH FACE AND 16" ON EAST LARGE REBAR EXPOSED.

Bent 4		Reinforced Concrete	Reinforced Concrete Pier Cap			
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinforced Concrete Pier Cap	34	0	7	27	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

27 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review

BENT 4 WEST FACE OF CAP FM LT END OVER TO PILE 2 CRACKED SPALL DELAMINATED 27' LONG FM 12' TO 30" FM BOTTOM OF CAP UP WITH REBAR AND STIRRUPS EXPOSED.

7 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 BENT 4 WEST FACE OF CAP HORZ CRACK ALONG TOP EDGE FM G1 TO G4 WITH EFFLO ON FACE OF CAP LEFT SIDE OF G5.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter.
 Patched area that is sound
 BENT 4 RIGHT END OF CAP HEAVILY CRACKED WITH EFFLO WITH SPALL AREA IN TOP RIGHT CORNER 12" X 15" X 13" DOWN FACE.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter.
 Patched area that is sound
 BENT 5 EAST FACE OF CAP CRACKED AND DELAMINATED AREAS BETWEEN G2 AND G3 ALONG TOP EDGE. 14" DOWN FACE AND 65" LONG.

0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
 BENT 4 CAP EAST FACE OF CAP CRACKED SPALL DELAMINATED FM LEFT SIDE OF G2 TO RIGHT OF G4. 17" UP FACE 21' LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.

0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter.
 Patched area that is sound
 BENT 4 EAST FACE OF CAP BETWEEN G3 AND G4 IS CRACKED AND DELAMINATED AREA 14" DOWN FACE AND 67" LONG.

Bent 4 Prestressed Concrete Prestressed Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
204	Prestressed Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SW CORNER OF PILE BOTTOM CAP DOWN 105" 22" ON SOUTH FACE AND 10" ON WEST REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
 BENT 4 PILE 1 CRACKED DELAMINATED ON SW CORNER STARTS 3' ABOVE GROUND LINE 12 HIGH AND 6" ON EACH FACE.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 4 PILE 1 CRACKED SPALL AREA NE CORNER CAP DOWN 72" & 10" ON NORTH FACE & 12" ON EAST WITH REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SE CORNER OF PILE FM CAP DOWN 9' 4" AND 10" ON SOUTH 15" ON EAST REBAR EXPOSED.

Bent 4 Prestressed Concrete Prestressed Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
204	Prestressed Concrete Column	1	0	0	1	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
0			0	0	0

General Comments

1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
 BENT 4 PILE 2 CRACKED SPALL DELAMINATED NW CORNER FM CAP DOWN 13' & 12" ON NORTH FACE 13" ON

WEST. REBAR EXPOSED.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 4 PILE 2 CRACKED DELAMINATED SPALL AREA SW CORNER OF PILE FM BOTTOM OF CAP DOWN 93". 8" ON WEST FACE AND 6" ON SOUTH.

0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 4 PILE 2 CRACKED SPALL DELAMINATED SE AND NORTH FACE FM CAP DOWN 13' & 32" WIDE ON EAST FACE & 6" ON SOUTH AND NORTH.

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1		Reinforced Concrete Deck	Reinforced Concrete Deck	1805
Span 1		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 1		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 1		Standard Joint	Pourable Joint Seal	35
Span 1		Asphalt Wearing Surface	Wearing Surface	1615
Span 1		Fixed Bearing	Fixed Bearing	1
Span 1		Other Bearing	Other Bearings	1
Span 1		Fixed Bearing	Fixed Bearing	1
Span 1		Other Bearing	Other Bearings	1
Span 1		Fixed Bearing	Fixed Bearing	1
Span 1		Other Bearing	Other Bearings	1
Span 1		Fixed Bearing	Fixed Bearing	1
Span 1		Other Bearing	Other Bearings	1
Span 1		Fixed Bearing	Fixed Bearing	1
Span 1		Other Bearing	Other Bearings	1
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 1		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	39
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1		Reinforced Concrete Column	Reinforced Concrete Column	1
Span 2		Reinforced Concrete Deck	Reinforced Concrete Deck	1805
Span 2		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 2		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 2		Standard Joint	Pourable Joint Seal	35
Span 2		Asphalt Wearing Surface	Wearing Surface	1615
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Span 2		Fixed Bearing	Fixed Bearing	1
Span 2		Other Bearing	Other Bearings	1
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 2		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2		Reinforced Concrete Column	Reinforced Concrete Column	1
Span 3		Reinforced Concrete Deck	Reinforced Concrete Deck	1805
Span 3		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 3		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 3		Standard Joint	Pourable Joint Seal	35
Span 3		Asphalt Wearing Surface	Wearing Surface	1615
Span 3		Fixed Bearing	Fixed Bearing	1
Span 3		Other Bearing	Other Bearings	1
Span 3		Fixed Bearing	Fixed Bearing	1
Span 3		Other Bearing	Other Bearings	1
Span 3		Fixed Bearing	Fixed Bearing	1
Span 3		Other Bearing	Other Bearings	1
Span 3		Fixed Bearing	Fixed Bearing	1
Span 3		Other Bearing	Other Bearings	1
Span 3		Fixed Bearing	Fixed Bearing	1
Span 3		Other Bearing	Other Bearings	1
Bent 3		Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3		Reinforced Concrete Column	Reinforced Concrete Column	1
Span 4		Reinforced Concrete Deck	Reinforced Concrete Deck	1805
Span 4		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4		Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 4		Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 4		Standard Joint	Pourable Joint Seal	35
Span 4		Asphalt Wearing Surface	Wearing Surface	1615
Span 4		Fixed Bearing	Fixed Bearing	1
Span 4		Other Bearing	Other Bearings	1
Span 4		Fixed Bearing	Fixed Bearing	1
Span 4		Other Bearing	Other Bearings	1
Span 4		Fixed Bearing	Fixed Bearing	1
Span 4		Other Bearing	Other Bearings	1
Span 4		Fixed Bearing	Fixed Bearing	1
Span 4		Other Bearing	Other Bearings	1
Span 4		Fixed Bearing	Fixed Bearing	1
Span 4		Other Bearing	Other Bearings	1

National Bridge and NC Inspection Items

Structure Number: 670046

Inspection Date: 04/21/2016

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	5
Item 59: Superstructure	0 - 9 , N	5
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	8568	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	G		
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		G		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	2		

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	24
Traffic Control Time	Hours	8
Snooper Time	Hours	8
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 670046

Inspection Date: 04/21/2016

Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	8568
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Details VEGETATION AND DERS ALONG THE CURBLINES.



Span 1 Wearing Surface: 1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 1 WEARING SURFACE IS HEAVILY MAP CRACKED.



Span 1 Right Bridge Rail: 15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 1 RIGHT RAIL AND CURB CRACKING WITH SURFACE SCALE.



Span 2 Wearing Surface: 1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 2 WEARING SURFACE HEAVILY MAP CRACKED BOTH LEFT AND RIGHT LANES.



Span 2 Right Bridge Rail: 30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 2 RIGHT RAIL HAS MAP CRACKING AND SURFACE SCALE TOP OF RAIL AND CURB.



Span 3 Wearing Surface: 1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 3 WEARING SURFACE IS HEAVILY MAP CRACKED IN BOTH LEFT AND RIGHT LANES.



Span 3 Right Bridge Rail: 25 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 3 RIGHT RAIL TOP AND CURB SURFACE SCALING AND MAP CRACKING.



Span 4 Wearing Surface: 1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 4 WEARING SURFACE IS HEAVILY MAP CRACKED LEFT AND RIGHT LANE.



Span 4 Right Bridge Rail: 25 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 4 RIGHT RAIL FINE MAP CRACKING AND SURFACE SCALE ON TOP OF RAIL.



Span 5 Wearing Surface: 1615 Square Feet of Crack (Wearing Surface): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 WEARING SURFACE HEAVILY MAP CRACKED ON TOP.



Span 5 Right Bridge Rail: 12 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 5 RIGHT RAIL POST 2 IS SPALL AND DETERIORATING AND RIGHT CURB CONCRETE IS DETERIORATING FORM JOINT AT BENT 4 OUT TO RAIL POST 3.



Span 5 Left Bridge Rail: 48 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft.
SPAN 5 LEFT RAIL MAP CRACKING AND SURFACE DETERIORATION FROM BENT 4 TO END OF BRIDGE.



ASPHALT WEARING SURFACE IS CRACKED OVER TOP OF BENT 4. BENG 1, 2, AND 3 ARE SIMILAR.



ASPHALT WEARING SURFACE OVER END BENT 1 CRACKED WITH END BENT 2 SIMILAR.



VEGETATION AND DEBRIS IN RIGHT CURB LINE WITH RIGHT CURB LINE SIMILAR.



Bent 1 Cap : 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound.
BENT 1 WEST FACE OF CAP HAS A HORZ CRACKED DELAMINATED AREA RIGHT SIDE OF GIRDER 1 THAT IS 10" X 24".



Bent 1 Cap : 13 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 WEST FACE OF CAP HAS A CRACKED SPALL DELAMINATED AREA ALONG THE BOTTOM EDGE FM LEFT END TO RIGHT SIDE OF GIRDER 2. 9" TO 18" UP FACE 13' LONG 7" UNDER BOTTOM. SPALL AREA IS 4" X 30" X 4" WITH REBAR EXPOSED.



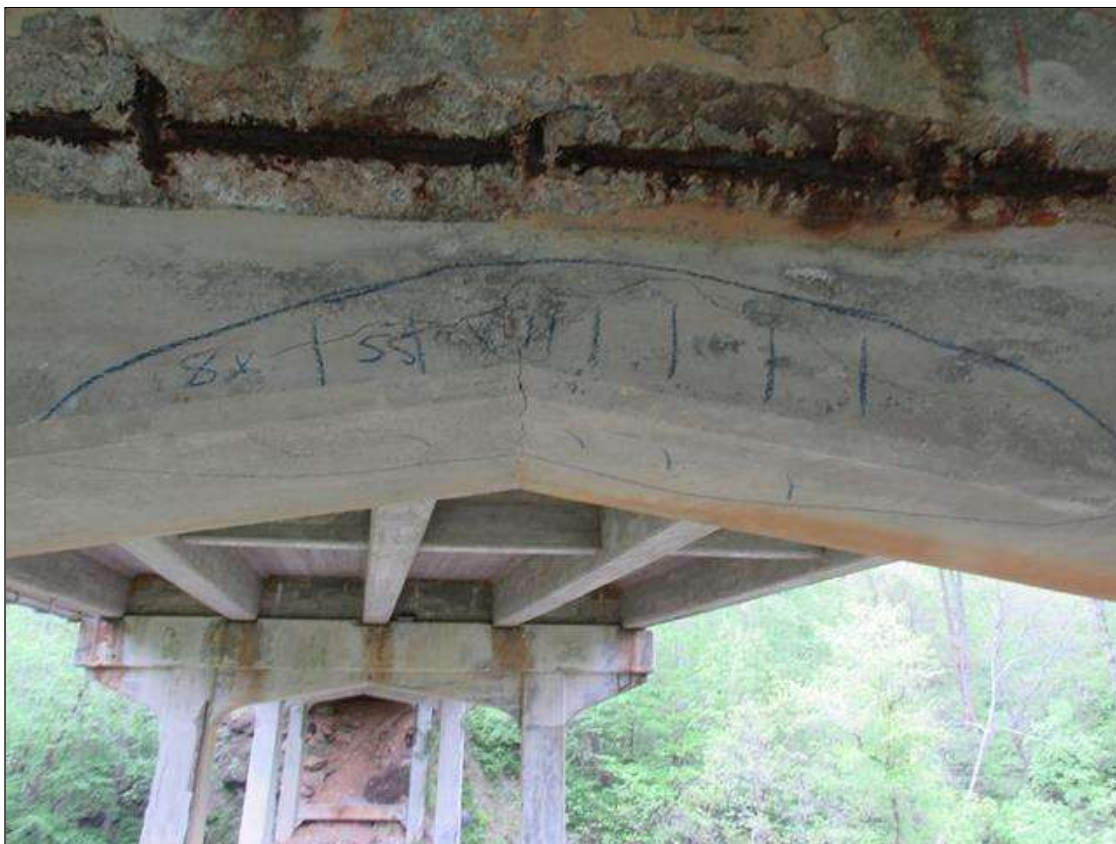
Bent 1 Pile 1: 1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 1 PILE 1 SOUTH WEST CORNER OF PILE HAS CRACKED DELAMINATED AREA FROM TOP DOWN 82". 4 TO 15" ON WEST FACE AN 4" ON SOUTH FACE.



Bent 1 Cap : 6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 WEST FACE OF CAP HAS A HORZ CRACKED DELAMINATED AREA BETWEEN GIRDERS 2 AND 3
ALONG TOP OF CAP. 15" DOWN FACE AND 7" LONG.



Bent 1 Cap : 7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 WEST FACE OF CAP HAS A HAS CRACKED DELAMINATED SPALL AREA UNDER G3 15" UP BASE 80" LONG AND 6" UNDER BOTTOM. LARGE REBAR AND STIRRUPS EXPOSED.



HAUNCH AREA BETWEEN PILES 1 AND 2 IN THE MIDDLE OF CAP IS CRACKED AND DELAMINATED. 8" UP FACE AND 55" LONG 11" UNDER BOTTOM.



END DIAPHRAGM IN BAY 3 IS CRACKED AND DELAMINATED RIGHT SIDE OF GIRDER 3. 17" X 20".



Bent 1 Cap : 6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 WEST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA ALONG TOP EDGE BETWEEN GIRDERS 3 AND 4. 14" DOWN FACE AND 78" LONG.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 1 WEST FACE OF CAP CRACKED SPALL AND DELAMINATED AREA UNDER G4 TOP DOWN 30" & 78" WIDE 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 1 WEST FACE OF CAP CRACKED SPALL DELAMINATED AREA FM RIGHT END BACK 60" 16" UP FACE 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.



Bent 1 Pile 2: 1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

BENT 1 PILE 2 HAS A CRACKED DELAMINATED AREA ON NW CORNER TOP DOWN 25" AND 5" ON NORTH FACE AND 6" ON WEST.



Bent 1 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON NW CORNER OF PILE STARTS 35" BELOW CAP
EXTENDS DOWN 8' 10" ON NORTH FACE 8" ON WEST.



HORZ STRUT BEWTEEN PILE 1 AND 2 HAS A CRACKED AND DELAMINATED AREA ON TOP AND WEST FACE LEFT SIDE OF PILE 2 10" ON TOP 60" LONG AND 12" ON WEST FACE.



Bent 1 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON SW CORNER STARTS 20" BELOW BOTTOM OF CAP & EXTENDS DOWN 11' & 10" ON SOUTH AND WEST FACE WITH LARGE REBAR EXPOSED.



Span 1 Beam 1: 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

SPAN 1 GIRDER 4 HAS A CRACKED DELAMINATED AREA ALONG EDGE OF GIRDER AT BENT 1 5" UP FACE 16" LONG AND 3" UNDER BOTTOM.



Span 1 Beam 5: 5 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 1 GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA LOCATED AT 15' FM BENT 1. 6" UP FACE 52" LONG 10" UNDER BOTTOM WITH LARGE REBAR EXPOSED.



Span 2 Beam 5: 2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 2 RIGHT SIDE OF GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA OVER BENT 1 19" HIGH FM
END OUT 24" 1 3/4" DEEP WITH REBAR AND STIRRUPS EXPOSED.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 1 RIGHT END AND EAST FACE OF CAP UNDER GIRDER 5 CRACKED SPALL DELAMINATED 10" ON RIGHT END 17" ON EAST FACE TOP DOWN 30".



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 EAST FACE OF CAP UNDER GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA ALONG BOTTOM EDGE 10" UP FACE 31" LONG AND 6" UNDER BOTTOM.



Bent 1 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 1 PILE 2 CRACKED SPALL DELAMINATED ON SE CORNER OF PILE 10" ON SOUTH FACE 8" ON EAST 11"
DOWN FACE START 32" BELOW THE CAP.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT EAST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA UNDER GIRDER 4 UNDER BOTTOM EDGE OF CAP.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE TOP RIGHT SIDE OF GIRDER
3. 16" DOWN FACE 57" LONG.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 1 EAST OF CAP HAS CRACKED SPALL DELAMINATED AREA ALONG BOTTOM EDGE OF CAP UNDER GIRDER 3. 12" UP FACE 15" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



HAUNCH AREA UNDER BENT 1 CAP UNDER GIRDER 3 CRACKED AND DELAMINATED WITH A 6" X 6" X 3/4" SPALL AREA.



HAUNCH AREA UNDER BENT 1 CAP HAS A CRACKED SPALL DELAMINATED AREA 3' TO RIGHT OF PILE 1 15" X 18" X 1 1/4" DEEP WITH VERTICAL REBAR EXPOSED.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 EAST FACE OF CAP HAS 2 SPALL AREAS UNDER GIRDER 2 15' X 16" AND FM BOTTOM UP 16" 69" LONG AND 6" UNDER BOTTOM.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 EAST OF CAP HAS A HORZ CRACKED AND DELAMINATED AREA BETWEEN G1 AND G2. 14" DOWN FACE AND 56" LONG.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 1 EAST OF CAP HAS CRACKED SPALL DELAMINATED AREA ALONG BOTTOM OF CAP RIGHT SIDE OF G1 18" UP FACE 43" LONG SPALL IS 10" X 19" X 6" WITH LARGE REBAR EXPOSED.



HAUNCH AREA BELOW BOTTOM OF CAP UNDER GIRDER 1 CRCKED SPALL DELAMINATED FM 8" UP FACE
32" LONG AND 12" UNDER BOTTOM.



Bent 1 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 1 EAST FACE OF CAP HAS HORZ CRACKS FROM LEFT TO RIGHT END ALONG THE FACE OF CAP.



VERTICAL STRUT AT BENT 1 RIGHT SIDE OF PILE 1 CRACKED AND DELAMINATED. 15" ON TOP 5' LONG AND 10" DOWN FACE.



Span 2 Beam 1: 1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 2 GIRDER 1 HAS 2 SURFACE SPALL AREAS IN BOTTOM OF GIRDER 6" X 6" X 9" BOTH ARE 3/4" DEEP WITH REBAR EXPOSED 8' FROM BENT 2 CAP.



Span 2 Beam 1: 1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 2 GIRDER 1 LEFT SIDE OVER BENT 2 HAS A 9" X 10" SURFACE SPALL AREA 3/4" DEEP WITH REBAR EXPOSED.



Bent 2 Pile 1: 1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA NW CORNER OF PILE STARTS 42" BELOW CAP
EXTENDS DOWN 87" AND 10" ON EACH FACE.



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 1 NW CORNER HAS CRACKED SPALL DELAMINATED AREA START 15' ABOVE FOOTING
EXTENDS UP 36" & 10" ON NORTH FACE 12" ON WEST FACE WITH 2 LARGE REBAR EXPOSED.



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.

**BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA ON SW CORNER OF PILE STARTS 14' ABOVE FOOTING
EXTENDS UP 52" 15" ON WEST FACE AND 9" ON SOUTH WITH 2 LARGE REBAR EXPOSED.**



BENT 2 CRACKED DELAMINATED AREA 10" BY 12" ON VERTICAL STRUT RIGHT SIDE OF PILE 1.



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 1 HAS A CRACKED DELAMINATED AREA ON WEST FACE 100" BELOW BOTTOM OF CAP 9" X 36".



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 1 HAS A CRACKED SPALL DELAMINATED AREA ON SW CORNER FM BOTTOM OF CAP DOWN 16'
5" FROM 8 TO 15 ON WEST FACE AND 10" ON SOUTH. LARGE REBAR EXPOSED.



Bent 2 Cap : 3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound

BENT 2 CAP WEST FACE HAS A CRACKED SPALL DELAMINATED AREA UNDER GIRDER 2. 34" X 39" X 6" UNDER BOTTOM. SPALL AREA IS 8" X 8" X 2" DEEP ALONG THE LEFT SIDE OF GIRDER 2.



Bent 2 Cap : 1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 CAP WEST FACE HAS A SPALL AREA ALONG LEFT SIDE OF GIRDER 3. 6" X 10" X 3" DEEP.



HAUNCH AREA UNDER BOTTOM OF BENT 2 CAP WEST FACE HAS A CRACKED DELAMINATED SPALL AREA.
8" X 58". SPALL AREA IS 8" X 8" X 3/4" DEEP.



Bent 2 Cap : 4 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 WEST FACE OF CAP CRACKED AND DELAMINATED AREA UNDER BOTTOM EDGE 12" UP FACE 39" LONG 6" UNDER BOTTOM.



Bent 2 Pile 2: 1 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 2 CRACKED DELAMINATED AREA ON NW FACE OF PILE FM TOP DOWN 11' AND 11" ON NORTH AND 9" ON WEST.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 2 HAS A CRACKED SPALL DELAMINATED AREA NW CORNER 10" ON NORTH 12 ON WEST,
START 14' ABOVE FOOTING EXTENDS UP 9' HIGH WITH LARGE REBAR EXPOSED.



HORZ STRUT BETWEEN PILES 1 AND 2 AT BENT 2 CRACKED AND DELAMINATED AREA LEFT SIDE OF PILE 2
15" DOWN FACE 59" LONG 24" ON TOP.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 2 CRACKED SPALL DELAMINATED AREA SW CORNER STARTS 14' ABOVE FOOTING EXTENDS UP 8' 4" FM 6" TO 16' ON WEST FACE AND 10" ON SOUTH. REBAR EXPOSED.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 2 HAS CRACKED DELAMINATED AREA SW CORNER OF PILE STARTS 53" BELOW CAP EXTENDS DOWN 75". 9" ON WEST FACE AND 5" ON SOUTH.



Bent 2 Cap : 15 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 WEST FACE OF CAP HAS HORZ CRACKS ALONG THE TOP AND MAP CRACKING ON THE ENDS.



BENT 2 WEST FACE OF HAUNCH AREA UNDER GIRDER 5 CRACKED SPALL AND DELAMINATED. 15" DOWN THE FACE 27" LONG AND 5" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.



Bent 2 Cap : 0 Feet of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft.
BENT 2 CAP RIGHT END OF CAP HEAVILY MAP CRACKED.



Bent 2 Cap : 5 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE BOTTOM EDGE 5" UP FACE
52" LONG 6" UNDER BOTTOM.



Bent 2 Cap : 6 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA BETWEEN G1 AND G5 11" DOWN FACE AND 60" LONG.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 2 CRACKED AND DELAMINATED AREA ON SE CORNER OF PILE STARTS 28" BELOW CAP EXTENDS DOWN 103" 14" ON SOUTH FACE AND 8" ON THE EAST.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 2 IS CRACKED AND DELAMINATED ON SE CORNER OF PILE STARTS 14' 8" ABOVE FOOTING EXTENDS UP 94" . 5" ON SOUTH AND EAST FACE.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

BENT 2 SOUTH FACE OF PILE 2 CRACKED DELAMINATED SPALL AREA FACE OF PILE STARTS 14' ABOVE THE FOOTING EXTENDS UP 77" 11" WIDE. SPALL AREA IS 9" X 36" X 3/4 WITH REBAR EXPOSED.



Bent 2 Pile 2: 0 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft.
BENT 2 PILE 2 HAS VERTICAL CRACKS ON THE FACE OF THE PILE.



Bent 2 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 2 PILE 2 CRACKED DELAMINATED AND SPALL AREA ON NE CORNER OF PILE STARTS 26" BELOW THE CAP EXTENDS DOWN 90" 11" ON EAST FACE AND 8" ON NORTH.



BENT 2 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP LEFT OF PILE 2 CRACKED SPALL AND DELAMINATED. 18" TO 27" DOWN FACE 60" LONG 2" DEEP WITH STIRRUPS AND REBAR EXPOSED.



Bent 2 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG BOTTOM OF CAP UNDER GIRDER
4. 20" UP THE FACE 7" LONG 6" UNDER BOTTOM.



Bent 2 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP CRACKED AND DELAMINATED AREA ALONG TOP OF CAP BETWEEN GIRDERS 3 AND 4. 13" X 54".



Bent 2 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP HAS 2 CRACKED DELAMINATED AREAS UNDER GIRDER 3 14" X 15" AND 20" X 26".



Span 3 Beam 3: 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 3 GIRDER 3 LEFT SIDE HAS CRACKED DELAMINATED AREA FM BENT 2 CAP OUT 23".



Bent 2 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound

BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA ALONG THE TOP EDGE OF CAP 11" DOWN FACE 35" LONG ON LEFT SIDE OF GIRDER 3.



Bent 2 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 2 EAST FACE OF CAP HAS A CRACKED DELAMINATED AREA AT GIRDER 2 30" X 33".



Span 3 Beam 2: 2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 3 BEAM 2 AT BENT 2 BOTTOM OF GIRDER HAS A SPALL AREA 16" W FROM CAP OUT 18" AND 2" DEEP REBAR AND STIRRUPS EXPOSED.



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

BENT 2 PILE 1 CRACKED DELAMINATED AREA ON SE FACE FROM BOTTOM OF CAP DOWN 19" AND 4" ON SOUTH AND EAST FACE.



HAUNCH AREA ON EAST FACE OF BENT 2 UNDER GIRDER 1 IS SPALL WITH REBAR EXPOSED. 13" X 28" X 2" DEEP.



Bent 2 Cap : 0 Feet of Cracking (RC and Other); Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
BENT 2 LEFT END OF CAP MAP CRACKING AND ALONG THE BOTTOM EAST FACE UNDER GIRDER 1.



Bent 1 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 2 PILE 1 NE CORNER CRACKED SPALL DELAMINATED STARTS 3' BELOW CAP EXTENDS DOWN 7' 9"
ON EACH FACE. LARGE REBAR EXPOSED.



Bent 1 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

BENT 2 PILE 1 CRACKED SPALL DELAMINATED ON NE CORNER OF PILE 15' ABOVE FOOTING EXTENDS UP 16" 8" ON EACH FACE.



Bent 2 Pile 1: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 2 PILE 1 CRACKED DELAMINATED AREA ON SE CORNER OF PILE AT THE STRUT 3" ON SOUTH FACE 9" ON EAST FACE AND 37" HIGH.



BENT 2 STRUT CRACKED DELAMINATED AREA RIGHT SIDE OF PILE 1 7" DOWN FACE 10" ON TOP 24" LONG. LEFT SIDE OF PILE 2 SIMILAR AREA.



Bent 3 Cap : 0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. BENT 3 LEFT END OF CAP IS MAP CRACKED.



BENT 3 HUANCH AREA UNDER GIRDER 1 HAS A CRACKED AND SPALL AREA WITH REBAR EXPOSED UNDER BOTTOM OF HUANCH. 4" X 18" X 34".



Bent 3 Pile 1: 1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 3 NW CORNER OF PILE 1 SPALL AREA 33" BELOW CAP EXTENDS DOWN 38". 5" ON NORTH 10" ON WEST WITH LARGE REBAR EXPOSED.



Bent 3 Cap : 3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 3 WEST FACE OF CAP HAS A SPALL AREA ALONG BOTTOM EDGE UNDER GIRDER 2 7" UP FACE 31" LONG 3" DEEP 6" UNDER BOTTOM.



BENT 3 WEST FACE OF HAUNCH RIGHT SIDE OF PILE 1 CRACKED SPALL DELAMINATED. 14" TO 27" DOWN FACE 43" LONG 2 1/2" DEEP REBAR EXPOSED.



Bent 3 Cap : 7 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 3 EAST FACE OF CAP HORZ CRACK AND DELAMINATED AREA ALONG TOP EDGE OF CAP FROM TOP DOWN 16" AND 74" LONG.



BENT 3 EAST FACE OF THE HAUNCH UNDER GIRDER 3 CRACKED SPALL AND DELAMINATED. 7" X 45" AND SPALL AREA IS 7" X 10" X 2" DEEP.



BENT 3 STRUT AREA RIGHT SIDE OF PILE 1 ON TOP AND EAST FACE HAS A 10" X 15" SPALL AREA 1 1/4" DEEP REBAR EXPOSED AND A 10" X 16" CRACKED AND DELAMINATED AREA.



BENT 3 HORZ STRUT AREA LEFT SIDE OF PILE 2 IS CRACKED SPALL DELAMINATED 24" ON TOP 65" LONG AND FROM 8" TO 24" DOWN FACE REBAR AND STIRRUPS EXPOSED.



Bent 3 Pile 2: 1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft.
BENT 3 PILE 2 HAS SCATTERED VERTICAL CRACKS IN FACE OF PILE.



Bent 3 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA NW CORNER STARTS 12' ABOVE FOOTING EXTENDS UP 11' 6". 16" ON NORTH AND 11" ON WEST.



Bent 3 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SW CORNER OF PILE STARTS 32" FM BOTTOM OF CAP EXTENDS DOWN 24' 16" ON WEST FACE 13" ON SOUTH FACE WITH LARGE REAR EXPOSED.



BENT 3 EAST FACE OF HAUNCH AREA LEFT SIDE OF PILE 2 CRACKED AND DELAMINATED 15" UP FACE 21" LONG AND 4" UNDER BOTTOM.



Bent 3 Cap : 24 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
BENT 3 CAP WEST FACE HAS HORZ CRACKS ALONG TOP EDGE FROM G1 TO G5 AND APPROX 10" TO 12"
DOWN FACE.



Bent 3 Cap : 0 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
BENT 3 RIGHT END OF CAP MAP CRACKING AND HAS A 7" X 12" SPALL 1" DEEP.



Span 3 Beam 5: 3 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 3 RIGHT SIDE OF GIRDER 5 MAP CRACKING OVER BENT 3 CAP.



Bent 3 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 3 EAST FACE OF CAP HAS A CRACKED AND DELAMINATED AREA UNDER GIRDER 5 ALONG THE BOTTOM EDGE. 7" UP FACE AND 51" LONG.



Bent 3 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SE CORNER OF PILE STARTS 24" BELOW CAP
EXTENDS DOWN 24' 14" ON SOUTH FACE AND 16" ON EAST LARGE REBAR EXPOSED.



Span 4 Beam 5: 2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 4 GIRDER 5 CRACKED.



Span 4 Beam 5: 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 4 GIRDER 5 RIGHT SIDE HAS 3 SURFACE SPALL AREAS NEAR BENT 3 WITH EFFLO STAINS.



Bent 3 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 3 EAST FACE OF CAP HAS A HORZ CRACK AND DELAMINATED AREA UNDER GIRDER 4 FROM TOP DOWN 10" AND 40" LONG.



Bent 3 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 3 EAST OF CAP HAS A CRACKED AND DELAMINATED AREA BETWEEN GIRDERS 3 AND 4. 15" X 39".



Bent 3 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 3 EAST FACE OF CAP HAS A DELAMINATED AND SPALL AREA ALONG BOTTOM EDGE OF CAP FM G3 TO RT OF G4. 9" UP FACE 11' 8" LONG 6" UNDER BOTTOM REBAR STIRRUPS EXPOSED.



BENT 3 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP SPALL DELAMINATED 19" HIGH 48" LONG 2" DEEP WITH REBAR AND STIRRUPS EXPOSED.



Span 4 Beam 4: 2 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 4 LEFT SIDE OF G4 AT BENT 3 CRACKED AND DELAMINATED AREA ALONG BOTTOM OF GIRDER. 3" UP
FACE FROM END OF GIRDER OUT 17" AND 2" UNDER BOTTOM.



BENT 3 EAST FACE OF HAUNCH UNDER G3 SPALL AND DELAMINATED 6" HIGH 48" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



Bent 3 Cap : 0 Feet of Cracking (RC and Other); Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
BENT 3 EAST FACE OF CAP HAS A HORZ CRACK FROM G1 TO G5 10" TO 12" DOWN FACE.



Bent 3 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 3 PILE 1 CRACKED SPALL DELAMINATED AREA NE CORNER OF PILE STARTS 32" BELOW CAP EXTENDS DOWN 80" 11" ON EAST AND 6" NORTH.



Span 4 Beam 1: 2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
SPAN 4 LEFT SIDE OF G1 OVER BENT 4 CRACKED SPALL DELAMINATED AREA FM END OF GIRDER BACK 24" BOTTOM UP 27" & 1 1/2" DEEP. VERT REBAR EXPOSED.



Bent 4 Cap : 27 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. Patched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 4 WEST FACE OF CAP FM LT END OVER TO PILE 2 CRACKED SPALL DELAMINATED 27' LONG FM 12' TO 30" FM BOTTOM OF CAP UP WITH REBAR AND STIRRUPS EXPOSED.



Bent 4 Pile 1: 1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.

**BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SW CORNER OF PILE BOTTOM CAP DOWN 105" 22"
ON SOUTH FACE AND 10" ON WEST REBAR EXPOSED.**



BENT 4 WEST FACE OF HAUNCH RIGHT SIDE OF PILE 1 CRACKED DELAMINATED 20" X 43" AND 10" UNDER BOTTOM.



BENT 4 WEST FACE OF HAUNCH CRACKED SPALL DELAMINATED FM 15" TO 24" HIGH 13' 6" LONG 12" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



Bent 4 Pile 2: 1 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 4 PILE 2 CRACKED SPALL DELAMINATED NW CORNER FM CAP DOWN 13' & 12" ON NORTH FACE 13" ON WEST. REBAR EXPOSED.



BENT 4 HORZ STRUT BETWEEN PILES 1 AND 2 IS CRACKED AND DELAMINATED 24" ON TOP 8" DOWN FACE ALL THE WAY ACROSS.



Bent 4 Pile 1: 0 Each of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
BENT 4 PILE 1 CRACKED DELAMINATED ON SW CORNER STARTS 3' ABOVE GROUND LINE 12 HIGH AND 6" ON EACH FACE.



Bent 4 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 4 PILE 2 CRACKED DELAMINATED SPALL AREA SW CORNER OF PILE FM BOTTOM OF CAP DOWN 93".
8" ON WEST FACE AND 6" ON SOUTH.



Bent 4 Cap : 7 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
BENT 4 WEST FACE OF CAP HORZ CRACK ALONG TOP EDGE FM G1 TO G4 WITH EFFLO ON FACE OF CAP
LEFT SIDE OF G5.



Span 4 Beam 5: 2 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 4 RIGHT SIDE OF G5 HAS A CRACKED DELAMINATED AREA IN FACE OF GIRDER 8' FROM BENT 4 CAP 14" X 21".



Span 4 Beam 5: 3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.

SPAN 4 G5 RIGHT SIDE OVER BENT 4 HAS 4 SURFACE SPALL AREAS UNDER RIGHT OVER HANG IN AN AREA 9" X 29".



Bent 4 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 4 RIGHT END OF CAP HEAVILY CRACKED WITH EFFLO WITH SPALL AREA IN TOP RIGHT CORNER 12" X 15" X 13" DOWN FACE.



Span 5 Beam 1: 3 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound.
SPAN 5 LEFT SIDE OF G1 MAP CRACKED AND SPALL AREA ALONG END OF GIRDER OVER BENT 4. SPALL IS 21" DOWN GIRDER 5" WIDE AND 5" DEEP.



Span 5 Beam 1: 15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 G1 SCATTERED LONGITUDINAL CRACK AND MAP CRACKS.



BENT 5 EAST FACE OF HUANCH UNDER LEFT END OF CAP SPALL AREA 9" X 18" X 4" UNDER BOTTOM
REBAR AND STIRRUPS EXPOSED.



Span 5 Beam 1: 30 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 BOTTOM OF G1 FROM BENT 4 TO END BENT 2 SCATTERED LONGITUDINAL CRACKS WITH EFFLO
STAINS.



Span 5 Deck: 350 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. SPAN 5 BOTTOM OF DECK HAS SCATTERED MAP CRACKING WITH EFFLO THROUGH OUT BAY 1.



Bent 4 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 4 PILE 1 CRACKED SPALL AREA NE CORNER CAP DOWN 72" & 10" ON NORTH FACE & 12" ON EAST
WITH REBAR EXPOSED.



Bent 4 Pile 1: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SE CORNER OF PILE FM CAP DOWN 9' 4" AND 10" ON SOUTH 15" ON EAST REBAR EXPOSED.



Span 5 Deck: 1400 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 BOTTOM OF DECK HAS SCATTERED MAP CRACKING WITH EFFLO STAINS.



Bent 4 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 5 EAST FACE OF CAP CRACKED AND DELAMINATED AREAS BETWEEN G2 AND G3 ALONG TOP EDGE.
14" DOWN FACE AND 65" LONG.



Bent 4 Cap : 0 Feet of Delamination/Spall/Patched Area: Spall greater than 1 inch deep or greater than 6 inches in diameter. PAtched area that is unsound or showing distress. Condition does not warrant structural Review
BENT 4 CAP EAST FACE OF CAP CRACKED SPALL DELAMINATED FM LEFT SIDE OF G2 TO RIGHT OF G4. 17" UP FACE 21' LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 4 EAST FACE AND BOTTOM OF HUANCH UNDER G3 CRACKED SPALL AND DELAMINATED 9" WIDE 75" LONG 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.



END DIAPHRAGM OVER BENT 4 IN BAYS 2, 3 AND 4 ON EAST FACE ARE CRACKED WITH EFFLO STAINS.



END BENT 2 ERROSION AREA UNDER BOTTOM OF CAP FROM PILE 1 TO PILE 3 12" TO 15" UNDER BOTTOM AND 36" BACK.



Bent 4 Cap : 0 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 inch or less deep or 6 inches or less in diameter. Patched area that is sound
BENT 4 EAST FACE OF CAP BETWEEN G3 AND G4 IS CRACKED AND DELAMINATED AREA 14" DOWN FACE AND 67" LONG.



Span 5 Beam 4: 15 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
SPAN 5 BOTTOM OF BEAM 5 HAS SCATTERED MAP CRACKS AND LONGITUDINAL CRACKS ALONG THE
BOTTOM FROM BENT 4 OUT.



Bent 4 Pile 2: 0 Each of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter.
Patched area that is unsound or showing distress. Does not warrant structural review.
BENT 4 PILE 2 CRACKED SPALL DELAMINATED SE AND NORTH FACE FM CAP DOWN 13' & 32" WIDE ON
EAST FACE & 6" ON SOUTH AND NORTH.



END BENT 2 BACK WALL HAS CRACKS WITH EFFLO IN BAY 4 AND RIGHT SIDE OF G5.



GUARD RAIL TERMINAL END



LOOKING WEST



GUARD RAIL TRANSITION



GUARD RAIL ATTACHMENT



FROM BRIDGE LOOKING WEST



FROM BRIDGE LOOKING EAST



FROM BRIDGE LOOKING NORTH DOWN STREAM



FROM BRIDGE LOOKING SOUTH UP STREAM



GEO TECH SURVEY MARKER ON SOUTH EAST CORNER TOP OF WING.



SOUTH PROFILE



NORTH PROFILE



LOOKING EAST



END BENT 1



BENT 1 WITH BENTS 2, 3 AND 4 SIMILAR.



4 4" UTILITY LINES UNDER LEFT OVER HANG



END BENT 2



SUPER STRUCTURE

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	670046		SUFFICIENCY RATING =			62.27
(8) STRUCTURE NUMBER(FEDERAL)		000000001350046		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		21000700					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	135	(4) PLACE CODE	31620	(112)NBIS BRIDGE SYSTEM -			YES
(6) FEATURE INTERSECTED -	ENO RIVER			(104)HIGHWAY SYSTEM	Is not on NHS		0
(7) FACILITY CARRIED	US70			(26) FUNCTIONAL CLASS -	Minor Arterial		16
(9) LOCATION	0.1 MI. E. JCT.SR1706			(100)STRAHNET HIGHWAY -	Not a STRAHNET Route		0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure		N
(16)LAT	36° 4' 32.35"	(17)LONG	79° 4' 15.50"	(102)DIRECTION OF TRAFFIC -	2-way Traffic		2
(98)BORDER BRIDGE STATE CODE		PCT SHARE		(103)TEMPORARY STRUCTURE -			
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK -	Not on the National Network		0
STRUCTURE TYPE AND MATERIAL				(20) TOLL	On Free Road		3
(43) STRUCTURE TYPE MAIN:	Concrete			(31) MAINTAIN -	State Highway Agency		01
TYPE -	Tee Beam	CODE	104	(22) OWNER -	State Highway Agency		01
(44) STRUCTURE TYPE APPR :				(37) HISTORICAL SIGNIFICANCE -	Not Eligible		5
TYPE -		CODE	000	CONDITION			
(45) NUMBER OF SPANS IN MAIN UNIT			5	(58) DECK			5
(46) NUMBER OF APPROACH SPANS				(59) SUPERSTRUCTURE			5
(107)DECK STRUCTURE TYPE -	1	CODE		(60) SUBSTRUCTURE			4
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(61) CHANNEL & CHANNEL PROTECTION			7
(A) TYPE OF WEARING SURFACE -		CODE		(62) CULVERTS			N
(B) TYPE OF MEMBRANE	-	CODE		LOAD RATING AND POSTING			
(C) TYPE OF DECK PROTECTION -		CODE		(31) DESIGN LOAD	H 15		2
AGE AND SERVICE				(63) OPERATING RATING METHOD -	Load Factor		1
(27) YEAR BUILT			1941	(64) OPERATING RATING -	HS-27		48
(106)YEAR RECONSTRUCTED				(65) INVENTORY RATING METHOD -	Load Factor		1
(42) TYPE OF SERVICE : ON -	Highway			(66) INVENTORY RATING -	HS-16		28
UNDER -	Waterway	CODE	15	(70) BRIDGE POSTING -	No Posting Required		5
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE	0	(41) STRUCTURE OPEN, POSTED ,OR CLOSED			A
(29) AVERAGE DAILY TRAFFIC			11000	DESCRIPTION -	Open, No Restriction		
(30) YEAR OF ADT	2013	(109) TRUCK ADT PCT	6%	APPRAISAL			
(19) BYPASS OR DETOUR LENGTH			1 MI	(67) STRUCTURAL EVALUATION			4
GEOMETRIC DATA				(68) DECK GEOMETRY			4
(48) LENGTH OF MAXIMUM SPAN			47 FT	(69) UNDERCLEARANCES,VERTI & HORIZ			N
(49) STRUCTURE LENGTH			238 FT	(71) WATERWAY ADEQUACY			7
(50)CURB OR SIDEWALK: LEFT	1.1083 FT	RIGHT	1.083 FT	(72) APPROACH ROADWAY ALIGNMENT			8
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			33.667 FT	(36) TRAFFIC SAFETY FEATURES			0111
(52) DECK WIDTH OUT TO OUT			36 FT	(113)SCOUR CRITICAL BRIDGES			8
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			22 FT	PROPOSED IMPROVEMENTS			
(33) BRIDGE MEDIAN -	No Median	CODE	0	(75) TYPE OF WORK -		CODE	
(34) SKEW	10°	(35) STRUCTURE FLARED	0	(76) LENGTH OF STRUCTURE IMPROVEMENT			
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT	(94) BRIDGE IMPROVEMENT COST			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			33.667 FT	(95) ROADWAY IMPROVEMENT COST			
(53) MIN VERT CLEAR OVER BRIDGE RDWY			999.9 FT	(96) TOTAL PROJECT COST			
(54) MIN VERT UNDERCLEAR REF	Not a Highway or Railroad		0 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(55) MIN LAT UNDERCLEAR RT REF	Not a Highway or Railroad		000 FT	(114)FUTURE ADT	22000	(115) YEAR FUTURE ADT	2025
(56) MIN LAT UNDERCLEAR LT REF -			000 FT	INSPECTIONS			
NAVIGATION DATA				(90) INSPECTION DATE			04/21/2016
(38) NAVIGATION CONTROL -	No Navigational Control	CODE	0	(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
(111)PIER PROTECTION -		CODE		A) FRACTURE CRIT DETAIL -	NO	A)	
(39) NAVIGATION VERTICAL CLEARANCE			0	B) UNDERWATER INSP -	NO	B)	
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT		C) OTHER SPECIAL INSP	NO	C)	
(40) NAVIGATION HORIZONTAL CLEARANCE			0 FT	SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 12/16/2016

COUNTY : ORANGE DIVISION : 7 DISTRICT : 1 STRUCTURE NUMBER : 670046 LENGTH : 238 FEET

ROUTE CARRIED : US70 FEATURE INTERSECTED : ENO RIVER

LOCATED : 0.1 MI. E. JCT.SR1706 BRIDGE NAME : CITY : *HILLSBOROUGH

FUNC. CLASS : 16 SYST.ON : FA SYST.UNDER : NFA ADT & YR : 11000 2013 RAIL TYPE : LT 141 RT 141

BUILT : 1941 BY : SHPWC PROJ : 4600 FED.AID PROJ : DESIGN LOAD : H 15

REHAB : BY : PROJ : ALIGNMENT : TAN SKEW : 100 LANES : ON 2 UNDER 0

NAVIGATION : VC 0 FT HC 0 FT HT. CRN. TO BED : 45 FT WATER DEPTH : 4 FT

SUPERSTRUCTURE : REINFORCED CONCRETE DECK GIRDERS

SUBSTRUCTURE : ABUTMENTS:RC SPILL THRU, INTERIOR BENTS:2 COL., RC POST & BEAM

SPANS : 5@47'6"

BEAMS OR GIRDERS : 5 LINES OF 18" X 31" RC DECK GIRDERS @ 7'8" CENTERS

FLOOR : 7" RC SLAB, 7" AWS ENCROACHMENT : 4 LINES 4" UTILITY PIPES DECK (OUT TO OUT) : 36 FT

CLEAR ROADWAY : 33.667 FT BETWEEN RAILS : 35.833 FT SIDEWALK OR CURB : LT 1.1083 FT RT 1.083 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-16 OPE.RTG. : HS-27 CONTR.MEMBER : Ext.RCDG POSTED : SV TTST DATE 04/15/2009

SYSTEM : Primary U.S. Route GREEN LINE ROUTE : Y

UNDER ROUTES AND CLEARANCES

REMARKS :










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	5	SPAN 1 GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA LOCATED AT 15' FM BENT 1. 6" UP FACE 52" LONG 10" UNDER BOTTOM WITH LARGE REBAR EXPOSED.	
 3306	Maintain Concrete Superstructure Components	SF	3	SPAN 2 RIGHT SIDE OF GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA OVER BENT 1 19" HIGH FM END OUT 24" 1 3/4" DEEP WITH REBAR AND STIRRUPS EXPOSED.	
 3306	Maintain Concrete Superstructure Components	SF	6	SPAN 4 LEFT SIDE OF G1 OVER BENT 4 CRACKED SPALL DELAMINATED AREA FM END OF GIRDER BACK 24" BOTTOM UP 27" & 1 1/2" DEEP. VERT REBAR EXPOSED.	
 3306	Maintain Concrete Superstructure Components	SF	4	SPAN 3 BEAM 2 AT BENT 2 BOTTOM OF GIRDER HAS A SPALL AREA 16" W FROM CAP OUT 18" AND 2" DEEP REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	7	BENT 1 WEST FACE OF CAP HAS A HAS CRACKED DELAMINATED SPALL AREA UNDER G3 15" UP BASE 80" LONG AND 6" UNDER BOTTOM. LARGE REBAR AND STIRRUPS EXPOSE	
 3348	Maintain Concrete Substructure Components	LF	7	BENT 1 WEST FACE OF CAP CRACKED SPALL AND DELAMINATED AREA UNDER G4 TOP DOWN 30" & 78" WIDE 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	5	BENT 1 WEST FACE OF CAP CRACKED SPALL DELAMINATED AREA FM RIGHT END BACK 60" 16" UP FACE 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	8	BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON NW CORNER OF PILE STARTS 35" BELOW CAP EXTENDS DOWN 8' 10" ON NORTH FACE 8" ON WEST.	
 3348	Maintain Concrete Substructure Components	LF	11	BENT 1 PILE 2 CRCKED DELAM SPALL AREA ON SW CRNER STARTS 20" BELOW BOTTOM OF CAP & EXTENDS DWN 11' & 10" ON SOUTH AND WEST FACE WITH LRGE REBAR EXPOSE	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined











BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	8	BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA NW CORNER OF PILE STARTS 42" BELOW CAP EXTENDS DOWN 87" AND 10" ON EACH FACE.	
 3348	Maintain Concrete Substructure Components	LF	5	BENT 2 PILE 1 CRCKED SPALL DELAM AREA ON SW CORNER OF PILE STARTS 14' ABOVE FOTING EXTEND UP 52" 15" ON WEST FACE AND 9" ON SOUTH WITH 2 LRGE REBAR EX	
 3348	Maintain Concrete Substructure Components	LF	8	BENT 2 PILE 1 NE CORNER CRACKED SPALL DELAMINATED STARTS 3' BELOW CAP EXTENDS DOWN 7' 9" ON EACH FACE. LARGE REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	2	BENT 2 PILE 1 CRACKED SPALL DELAMINATED ON NE CORNER OF PILE 15' ABOVE FOOTING EXTENDS UP 16" & 8" ON EACH FACE.	
 3348	Maintain Concrete Substructure Components	LF	4	BENT 3 NW CORNER OF PILE 1 SPALL AREA 33" BELOW CAP EXTENDS DOWN 38". 5" ON NORTH 10" ON WEST WITH LARGE REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	27	BENT 4 WEST FACE OF CAP FM LT END OVER TO PILE 2 CRACKED SPALL DELAMINATED 27' LONG FM 12' TO 30" FM BOTTOM OF CAP UP WITH REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	14	BENT 4 SW CORNER OF COL 1 CRACKED AND SPALLED AND DELAM 8" ON WEST FACE AND 16" SOUTH ACE AND 14' DOWN COL.	
 3348	Maintain Concrete Substructure Components	LF	14	BENT 4 WEST FACE OF HAUNCH CRACKED SPALL DELAMINATED FM 15" TO 24" HIGH 13' 6" LONG 12" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	2	BENT 5 EAST FACE OF HUANCH UNDER LEFT END OF CAP SPALL AREA 9" X 18" X 4" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	6	BENT 4 PILE 1 CRACKED SPALL AREA NE CORNER CAP DOWN 72" & 10" ON NORTH FACE & 12" ON EAST WITH REBAR EXPOSED.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	21	BENT 4 CAP EAST FACE OF CAP CRACKED SPALL DELAM FM LEFT SIDE OF G2 TO RIGHT OF G4. 17" UP FACE 21' LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	11	BENT 1 PILE 2 CRACKED SPALL DELAMINATED ON SE CORNER OF PILE 10" ON SOUTH FACE 8" ON EAST 11' DOWN FACE START 32" BELOW THE CAP.	
 3348	Maintain Concrete Substructure Components	LF	2	BENT 1 EAST FACE OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTOM EDGE OF CAP UNDER G 3. 12" UP FACE 15" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	4	BENT 1 EAST OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTTOM OF CAP RIGHT SIDE OF G1 18" UP FACE 43" LONG SPALL IS 10" X 19" X 6" WITH LARGE REBAR EXP	
 3348	Maintain Concrete Substructure Components	LF	17	BENT 2 PILE 1 HAS A CRACKED SPALL DELAM AREA ON SW CORNER FM BOTTOM OF CAP DOWN 16' 5" FROM 8 TO 15 ON WEST FACE AND 10" ON SOUTH. LARGE REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	9	DELAMINATED AREA NW CORNER 10" ON NORTH 12 ON WEST, START 14' ABOVE FOOTING EXTENDS UP 9' HIGH WITH LARGE REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	9	BNT 2 PILE 2 CRACKED SPALL DELAM AREA SW CORNER STARTS 14' ABOVE FOOTING EXTEND UP 8' 4" FM 6" TO 16' ON WEST FACE AND 10" ON SOUTH WITH REBAR EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	3	BENT 2 WEST FACE OF HAUNCH AREA UNDER G 5 CRACKED SPALL AND DELAMIN. 15" DOWN THE FACE 27" LONG AND 5" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	8	BENT 2 PILE 2 CRACKED DELAMINATED AND SPALL AREA ON NE CORNER OF PILE STARTS 26" BELOW THE CAP EXTENDS DOWN 90" 11" ON EAST FACE AND 8" ON NORTH.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	5	BENT 2 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP LEFT OF PILE 2 CRACKED SPALL AND DELAMINATED. 18" TO 27" DWN FACE 60" LONG 2" D REBAR AND STIRUPS EXPOS	
 3348	Maintain Concrete Substructure Components	LF	4	BENT 3 WEST FACE OF HAUNCH RIGHT SIDE OF PILE 1 CRACKED SPALL DELAMINATED. 14" TO 27" DOWN FACE 43" LONG 2 1/2" DEEP REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	6	BENT 3 HORZ STRUT AREA LEFT SIDE OF PILE 2 IS CRACKED SPALL DELAMINATED 24" ON TOP 65" LONG AND FROM 8" TO 24" DOWN FACE REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	12	BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA NW CORNER STARTS 12' ABOVE FOOTING EXTENDS UP 11' 6". 16" ON NORTH AND 11" ON WEST.	
 3348	Maintain Concrete Substructure Components	LF	24	BENT 3 PILE 2 CRCKED SPALL DELAM AREA SW CORNR OF PILE STARTS 32" FM BOTM OF CAP EXTENDS DOWN 24' 16" ON WST FACE 13" ON SOUTH FACE WITH LRG REBAR EXP	
 3348	Maintain Concrete Substructure Components	LF	24	BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SE CORNER OF PILE STARTS 24" BELOW CAP EXTENDS DOWN 24' 14" ON SOUTH FACE AND 16" ON EAST LARGE REBAR EXP	
 3348	Maintain Concrete Substructure Components	LF	12	BNT 3 EAST FACE OF CAP HAS A DELAM AND SPALL AREA ALONG BOTM EDGE OF CAP FM G3 TO RT OF G4. 9" UP FACE 11' 8" LONG 6" UNDR BOTM REBAR STIRRUPS EXPOSED	
 3348	Maintain Concrete Substructure Components	LF	4	BENT 3 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP SPALL DELAMINATED 19" HIGH 48" LONG 2" DEEP WITH REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	4	BENT 3 EAST FACE OF HAUNCH UNDER G3 SPALL AND DELAMINATED 6" HIGH 48" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined







BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	7	BENT 3 PILE 1 CRACKED SPALL DELAMINATED AREA NE CORNER OF PILE STARTS 32" BELOW CAP EXTENDS DOWN 80" 11" ON EAST AND 6" NORTH.	
 3348	Maintain Concrete Substructure Components	LF	13	BENT 4 PILE 2 CRACKED SPALL DELAMINATED NW CORNER FM CAP DOWN 13' & 12" ON NORTH FACE 13" ON WEST. REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	9	BENT 4 PILE 2 CRACKED DELAMINATED SPALL AREA SW CORNER OF PILE FM BOTTOM OF CAP DOWN 93". 8" ON WEST FACE AND 6" ON SOUTH.	
 3348	Maintain Concrete Substructure Components	LF	10	BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SE CORNER OF PILE FM CAP DOWN 9' 4" AND 10" ON SOUTH 15" ON EAST REBAR EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	7	BENT 4 EAST FACE AND BOTTOM OF HUANCH UNDER G3 CRACKED SPALL AND DELAMINATED 9" WIDE 75" LONG 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.	
 3348	Maintain Concrete Substructure Components	LF	13	BENT 4 PILE 2 CRACKED SPALL DELAMINATED SE AND NORTH FACE FM CAP DOWN 13' & 32" WIDE ON EAST FACE & 6" ON SOUTH AND NORTH.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	5 SF
Location:		
Beams and Girders Bent/Span No. 1 SPAN 1 G5		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
SPAN 1 GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA LOCATED AT 15' FM BENT 1. 6" UP FACE 52" LONG 10" UNDER BOTTOM WITH LARGE REBAR EXPOSED.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF
Location:		
Beams and Girders Bent/Span No. 2 SPAN 2 RT SIDE G5		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
SPAN 2 RIGHT SIDE OF GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA OVER BENT 1 19" HIGH FM END OUT 24" 1 3/4" DEEP WITH REBAR AND STIRRUPS EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	6 SF
Location:		
Beams and Girders Bent/Span No. 4 SPAN 4 LT SIDE G1 OVER BT 4		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
SPAN 4 LEFT SIDE OF G1 OVER BENT 4 CRACKED SPALL DELAMINATED AREA FM END OF GIRDER BACK 24" BOTTOM UP 27" & 1 1/2" DEEP. VERT REBAR EXPOSED.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF
Location:		
Beams and Girders Bent/Span No. 3 SPAN 3 G2		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
SPAN 3 BEAM 2 AT BENT 2 BOTTOM OF GIRDER HAS A SPALL AREA 16" W FROM CAP OUT 18" AND 2" DEEP REBAR AND STIRRUPS EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Pier Cap		Bent/Span No. 1 BT 1 WEST FACE CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 1 WEST FACE OF CAP HAS A HAS CRACKED DELAMINATED SPALL AREA UNDER G3 15" UP BASE 80" LONG AND 6" UNDER BOTTOM. LARGE REBAR AND STIRRUPS EXPOSE</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Pier Cap		Bent/Span No. 1 BT 1 CAP WEST FACE
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 1 WEST FACE OF CAP CRACKED SPALL AND DELAMINATED AREA UNDER G4 TOP DOWN 30" & 78" WIDE 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Pier Cap Bent/Span No. 1 BT 1 WEST FACE CAP		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 1 WEST FACE OF CAP CRACKED SPALL DELAMINATED AREA FM RIGHT END BACK 60" 16" UP FACE 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	8 LF
Location:		
Pier Substructure Bent/Span No. 1 BENT 1 COL 2		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON NW CORNER OF PILE STARTS 35" BELOW CAP EXTENDS DOWN 8' 10" ON NORTH FACE 8" ON WEST.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	11 LF
Location:		
Pier Substructure		Bent/Span No. 1 BT 1 COL 2
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 1 PILE 2 CRCKED DELAM SPALL AREA ON SW CRNER STARTS 20" BELOW BOTTOM OF CAP & EXTENDS DWN 11' & 10" ON SOUTH AND WEST FACE WITH LRGE REBAR EXPOSE		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	8 LF
Location:		
Pier Substructure		Bent/Span No. 2 BENT 2 COL 1
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA NW CORNER OF PILE STARTS 42" BELOW CAP EXTENDS DOWN 87" AND 10" ON EACH FACE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Pier Substructure	Bent/Span No. 2	BENT 1 COL 1
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 2 PILE 1 CRCKED SPALL DELAM AREA ON SW CORNER OF PILE STARTS 14' ABOVE FOTING EXTEND UP 52" 15" ON WEST FACE AND 9" ON SOUTH WITH 2 LRGE REBAR EX</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	8 LF
Location:		
Pier Substructure	Bent/Span No. 2	BENT 2 COL 1
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 2 PILE 1 NE CORNER CRACKED SPALL DELAMINATED STARTS 3' BELOW CAP EXTENDS DOWN 7' 9" ON EACH FACE. LARGE REBAR EXPOSED.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Pier Substructure Bent/Span No. 2 BT 2 COL 1		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 PILE 1 CRACKED SPALL DELAMINATED ON NE CORNER OF PILE 15' ABOVE FOOTING EXTENDS UP 16" & 8" ON EACH FACE.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Pier Substructure Bent/Span No. 3 BT 3 NW CORNER COL 1		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 NW CORNER OF PILE 1 SPALL AREA 33" BELOW CAP EXTENDS DOWN 38". 5" ON NORTH 10" ON WEST WITH LARGE REBAR EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	27 LF
Location:		
Pier Cap	Bent/Span No. 4	BT 4 WEST FACE CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 WEST FACE OF CAP FM LT END OVER TO PILE 2 CRACKED SPALL DELAMINATED 27' LONG FM 12' TO 30" FM BOTTOM OF CAP UP WITH REBAR AND STIRRUPS EXPOSED.</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	14 LF
Location:		
Pier Substructure	Bent/Span No. 4	BENT 4 COL 1
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 SW CORNER OF COL 1 CRACKED AND SPALLED AND DELAM 8" ON WEST FACE AND 16" SOUTH ACE AND 14' DOWN COL.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	14 LF
Location:		
Pier Cap	Bent/Span No. 4	BT 4 HAUNCH AREA WEST FACE
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 4 WEST FACE OF HAUNCH CRACKED SPALL DELAMINATED FM 15" TO 24" HIGH 13' 6" LONG 12" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Pier Cap	Bent/Span No. 5	BENT 5 HAUNCH
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 5 EAST FACE OF HUANCH UNDER LEFT END OF CAP SPALL AREA 9" X 18" X 4" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF
Location:		
Pier Substructure	Bent/Span No. 4	BENT 4 COL 1 NE CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 PILE 1 CRACKED SPALL AREA NE CORNER CAP DOWN 72" & 10" ON NORTH FACE & 12" ON EAST WITH REBAR EXPOSED.</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	21 LF
Location:		
Pier Cap	Bent/Span No. 4	BT 4 EAST FACE OF CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 CAP EAST FACE OF CAP CRACKED SPALL DELAM FM LEFT SIDE OF G2 TO RIGHT OF G4. 17" UP FACE 21' LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	11 LF
Location:		
Pier Substructure	Bent/Span No. 1	BENT 1 COL 2 SE CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 1 PILE 2 CRACKED SPALL DELAMINATED ON SE CORNER OF PILE 10" ON SOUTH FACE 8" ON EAST 11' DOWN FACE START 32" BELOW THE CAP.</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Pier Cap	Bent/Span No. 1	BT 1 EAST FACE CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 1 EAST FACE OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTOM EDGE OF CAP UNDER G 3. 12" UP FACE 15" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Pier Cap Bent/Span No. 1 BT 1 EAST FACE CAP		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 1 EAST OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTTOM OF CAP RIGHT SIDE OF G1 18" UP FACE 43" LONG SPALL IS 10" X 19" X 6" WITH LARGE REBAR EXP		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	17 LF
Location:		
Pier Substructure Bent/Span No. 2 BT 2 COL 1		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 PILE 1 HAS A CRACKED SPALL DELAM AREA ON SW CORNER FM BOTTOM OF CAP DOWN 16' 5" FROM 8 TO 15 ON WEST FACE AND 10" ON SOUTH. LARGE REBAR EXPOSED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	9 LF
Location:		
Pier Substructure	Bent/Span No. 2	BT 2 COL 2
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WLLIAMS	CARLTON ADAMS
Details		
<p>DELAMINATED AREA NW CORNER 10" ON NORTH 12 ON WEST, START 14' ABOVE FOOTING EXTENDS UP 9' HIGH WITH LARGE REBAR EXPOSED.</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	9 LF
Location:		
Pier Substructure	Bent/Span No. 2	BT 2 COL 2 SW CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BNT 2 PILE 2 CRACKED SPALL DELAM AREA SW CORNER STARTS 14' ABOVE FOOTING EXTEND UP 8' 4" FM 6" TO 16' ON WEST FACE AND 10" ON SOUTH WITH REBAR EXPOSED</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046

County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	3 LF
Location:		
Pier Cap Bent/Span No. 2 BT WEST FACE HAUNCH AREA		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 WEST FACE OF HAUNCH AREA UNDER G 5 CRACKED SPALL AND DELAMIN. 15" DOWN THE FACE 27" LONG AND 5" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	8 LF
Location:		
Pier Substructure Bent/Span No. 2 BT 2 COL 2 NE CORNER		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 PILE 2 CRACKED DELAMINATED AND SPALL AREA ON NE CORNER OF PILE STARTS 26" BELOW THE CAP EXTENDS DOWN 90" 11" ON EAST FACE AND 8" ON NORTH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Pier Cap Bent/Span No. 2 BT 2 EAST FACE HAUNCH AREA.		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 2 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP LEFT OF PILE 2 CRACKED SPALL AND DELAMINATED. 18" TO 27" DWN FACE 60" LONG 2" D REBAR AND STIRUPS EXPOS		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Pier Cap Bent/Span No. 3 BT 3 WEST FACE HAUNCH AREA		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 WEST FACE OF HAUNCH RIGHT SIDE OF PILE 1 CRACKED SPALL DELAMINATED. 14" TO 27" DOWN FACE 43" LONG 2 1/2" DEEP REBAR EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF
Location:		
Pier Cap Bent/Span No. 3 BT 3 STRUT		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 HORZ STRUT AREA LEFT SIDE OF PILE 2 IS CRACKED SPALL DELAMINATED 24" ON TOP 65" LONG AND FROM 8" TO 24" DOWN FACE REBAR AND STIRRUPS EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	12 LF
Location:		
Pier Substructure Bent/Span No. 3 BT 3 COL 2 NW CORNER		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA NW CORNER STARTS 12' ABOVE FOOTING EXTENDS UP 11' 6". 16" ON NORTH AND 11" ON WEST.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	24 LF
Location:		
Pier Substructure	Bent/Span No. 3	BENT 3 COL 2 SW CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 3 PILE 2 CRCKED SPALL DELAM AREA SW CORNR OF PILE STARTS 32" FM BOTM OF CAP EXTENDS DOWN 24' 16" ON WST FACE 13" ON SOUTH FACE WITH LRG REBAR EXP</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	24 LF
Location:		
Pier Substructure	Bent/Span No. 3	BENT 3 COL 2
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SE CORNER OF PILE STARTS 24" BELOW CAP EXTENDS DOWN 24' 14" ON SOUTH FACE AND 16" ON EAST LARGE REBAR EXP</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	12 LF
Location:		
Pier Cap	Bent/Span No. 3	BT 3 EAST FACE CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BNT 3 EAST FACE OF CAP HAS A DELAM AND SPALL AREA ALONG BOTM EDGE OF CAP FM G3 TO RT OF G4. 9" UP FACE 11' 8" LONG 6" UNDR BOTM REBAR STIRRUPS EXPOSED		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Pier Cap	Bent/Span No. 3	BT 3 EAST FACE OF HAUNCH AREA
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP SPALL DELAMINATED 19" HIGH 48" LONG 2" DEEP WITH REBAR AND STIRRUPS EXPOSED.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF
Location:		
Pier Cap	Bent/Span No. 3	BT 3 EAST FACE HAUNCH AREA UNDER G3
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 EAST FACE OF HAUNCH UNDER G3 SPALL AND DELAMINATED 6" HIGH 48" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Pier Substructure	Bent/Span No. 3	BENT 3 COL 1 NE CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 3 PILE 1 CRACKED SPALL DELAMINATED AREA NE CORNER OF PILE STARTS 32" BELOW CAP EXTENDS DOWN 80" 11" ON EAST AND 6" NORTH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	13 LF
Location:		
Pier Substructure Bent/Span No. 4 BT 4 COL 2 NW CORNER		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 4 PILE 2 CRACKED SPALL DELAMINATED NW CORNER FM CAP DOWN 13' & 12" ON NORTH FACE 13" ON WEST. REBAR EXPOSED.		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	9 LF
Location:		
Pier Substructure Bent/Span No. 4 BT 4 COL 2 SW CORNER		
Priority Level		Status
Priority Maintenance		Division Bridge Maintenance Notification
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 4 PILE 2 CRACKED DELAMINATED SPALL AREA SW CORNER OF PILE FM BOTTOM OF CAP DOWN 93". 8" ON WEST FACE AND 6" ON SOUTH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	10 LF
Location:		
Pier Substructure		Bent/Span No. 4 BT 4 COL 1 SE CORNER
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SE CORNER OF PILE FM CAP DOWN 9' 4" AND 10" ON SOUTH 15" ON EAST REBAR EXPOSED.</p>		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	7 LF
Location:		
Pier Cap		Bent/Span No. 4 BT 4 EAST FACE AND BOT HAUNCH AREA.
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
<p>BENT 4 EAST FACE AND BOTTOM OF HUANCH UNDER G3 CRACKED SPALL AND DELAMINATED 9" WIDE 75" LONG 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670046 County ORANGE

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	13 LF
Location:		
Pier Substructure	Bent/Span No. 4	BT 4 COL 2 SE AND NORTH AND EAST FACE.
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
04/23/2016	RD WILLIAMS	CARLTON ADAMS
Details		
BENT 4 PILE 2 CRACKED SPALL DELAMINATED SE AND NORTH FACE FM CAP DOWN 13' & 32" WIDE ON EAST FACE & 6" ON SOUTH AND NORTH.		



BENT 1 WEST FACE OF CAP HAS A HAS CRACKED DELAMINATED SPALL AREA UNDER G3 15" UP BASE 80" LONG AND 6" UNDER BOTTOM. LARGE REBAR AND STIRRUPS EXPOSE



BENT 1 WEST FACE OF CAP CRACKED SPALL AND DELAMINATED AREA UNDER G4 TOP DOWN 30" & 78" WIDE 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 1 WEST FACE OF CAP CRACKED SPALL DELAMINATED AREA FM RIGHT END BACK 60" 16" UP FACE 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.



BENT 1 PILE 2 CRACKED DELAMINATED SPALL AREA ON NW CORNER OF PILE STARTS 35" BELOW CAP EXTENDS DOWN 8' 10" ON NORTH FACE 8" ON WEST.



BENT 1 PILE 2 CRCKED DELAM SPALL AREA ON SW CRNER STARTS 20" BELOW BOTTOM OF CAP & EXTENDS DWN 11' & 10" ON SOUTH AND WEST FACE WITH LRGE REBAR EXPOSE



SPAN 1 GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA LOCATED AT 15' FM BENT 1. 6" UP FACE 52" LONG 10" UNDER BOTTOM WITH LARGE REBAR EXPOSED.



SPAN 2 RIGHT SIDE OF GIRDER 5 HAS A CRACKED SPALL DELAMINATED AREA OVER BENT 1 19" HIGH FM
END OUT 24" 1 3/4" DEEP WITH REBAR AND STIRRUPS EXPOSED.



BENT 1 PILE 2 CRACKED SPALL DELAMINATED ON SE CORNER OF PILE 10" ON SOUTH FACE 8" ON EAST 11" DOWN FACE START 32" BELOW THE CAP.



BENT 1 EAST OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTOM EDGE OF CAP UNDER G 3. 12" UP FACE 15" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 1 EAST OF CAP HAS CRACKED SPALL DELAM AREA ALONG BOTTOM OF CAP RIGHT SIDE OF G1 18"
UP FACE 43" LONG SPALL IS 10" X 19" X 6" WITH LARGE REBAR EXP



BENT 2 PILE 1 CRACKED SPALL DELAMINATED AREA NW CORNER OF PILE STARTS 42" BELOW CAP EXTENDS DOWN 87" AND 10" ON EACH FACE.



BENT 2 PILE 1 CRCKED SPALL DELAM AREA ON SW CORNER OF PILE STARTS 14' ABOVE FOTING EXTEND UP 52" 15" ON WEST FACE AND 9" ON SOUTH WITH 2 LRGE REBAR EX



BENT 2 PILE 1 HAS A CRACKED SPALL DELAM AREA ON SW CORNER FM BOTTOM OF CAP DOWN 16' 5" FROM 8 TO 15 ON WEST FACE AND 10" ON SOUTH. LARGE REBAR EXPOSED



DELAMINATED AREA NW CORNER 10" ON NORTH 12 ON WEST, START 14' ABOVE FOOTING EXTENDS UP 9' HIGH WITH LARGE REBAR EXPOSED.



BNT 2 PILE 2 CRACKED SPALL DELAM AREA SW CORNER STARTS 14' ABOVE FOOTING EXTEND UP 8' 4" FM 6" TO 16' ON WEST FACE AND 10" ON SOUTH WITH REBAR EXPOSED



BENT 2 WEST FACE OF HAUNCH AREA UNDER G 5 CRACKED SPALL AND DELAMIN. 15" DOWN THE FACE 27" LONG AND 5" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.



BENT 2 PILE 2 CRACKED DELAMINATED AND SPALL AREA ON NE CORNER OF PILE STARTS 26" BELOW THE CAP EXTENDS DOWN 90" 11" ON EAST FACE AND 8" ON NORTH.



BENT 2 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP LEFT OF PILE 2 CRACKED SPALL AND DELAMINATED. 18" TO 27" DWN FACE 60" LONG 2" D REBAR AND STIRUPS EXPOS



SPAN 3 BEAM 2 AT BENT 2 BOTTOM OF GIRDER HAS A SPALL AREA 16" W FROM CAP OUT 18" AND 2" DEEP REBAR AND STIRRUPS EXPOSED.



BENT 2 PILE 1 NE CORNER CRACKED SPALL DELAMINATED STARTS 3' BELOW CAP EXTENDS DOWN 7' 9" ON EACH FACE. LARGE REBAR EXPOSED.



BENT 2 PILE 1 CRACKED SPALL DELAMINATED ON NE CORNER OF PILE 15' ABOVE FOOTING EXTENDS UP 16" & 8" ON EACH FACE.



BENT 3 NW CORNER OF PILE 1 SPALL AREA 33" BELOW CAP EXTENDS DOWN 38". 5" ON NORTH 10" ON WEST WITH LARGE REBAR EXPOSED.



BENT 3 WEST FACE OF HAUNCH RIGHT SIDE OF PILE 1 CRACKED SPALL DELAMINATED. 14" TO 27" DOWN FACE 43" LONG 2 1/2" DEEP REBAR EXPOSED.



BENT 3 HORZ STRUT AREA LEFT SIDE OF PILE 2 IS CRACKED SPALL DELAMINATED 24" ON TOP 65" LONG AND FROM 8" TO 24" DOWN FACE REBAR AND STIRRUPS EXPOSED.



BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA NW CORNER STARTS 12' ABOVE FOOTING EXTENDS UP 11' 6". 16" ON NORTH AND 11" ON WEST.



BENT 3 PILE 2 CRCKED SPALL DELAM AREA SW CORNR OF PILE STARTS 32" FM BOTM OF CAP EXTENDS DOWN 24' 16" ON WST FACE 13" ON SOUTH FACE WITH LRG REBAR EXP



BENT 3 PILE 2 CRACKED SPALL DELAMINATED AREA SE CORNER OF PILE STARTS 24" BELOW CAP EXTENDS DOWN 24' 14" ON SOUTH FACE AND 16" ON EAST LARGE REBAR EXP



BNT 3 EAST FACE OF CAP HAS A DELAM AND SPALL AREA ALONG BOTM EDGE OF CAP FM G3 TO RT OF G4.
9" UP FACE 11' 8" LONG 6" UNDR BOTM REBAR STIRRUPS EXPOSED



BENT 3 EAST FACE OF HAUNCH UNDER BOTTOM OF CAP SPALL DELAMINATED 19" HIGH 48" LONG 2" DEEP WITH REBAR AND STIRRUPS EXPOSED.



BENT 3 EAST FACE OF HAUNCH UNDER G3 SPALL AND DELAMINATED 6" HIGH 48" LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 3 PILE 1 CRACKED SPALL DELAMINATED AREA NE CORNER OF PILE STARTS 32" BELOW CAP EXTENDS DOWN 80" 11" ON EAST AND 6" NORTH.



SPAN 4 LEFT SIDE OF G1 OVER BENT 4 CRACKED SPALL DELAMINATED AREA FM END OF GIRDER BACK 24"
BOTTOM UP 27" & 1 1/2" DEEP. VERT REBAR EXPOSED.



BENT 4 WEST FACE OF CAP FM LT END OVER TO PILE 2 CRACKED SPALL DELAMINATED 27' LONG FM 12' TO 30" FM BOTTOM OF CAP UP WITH REBAR AND STIRRUPS EXPOSED.



BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SW CORNER OF PILE BOTTOM CAP DOWN 105" 22" ON SOUTH FACE AND 10" ON WEST REBAR EXPOSED.



BENT 4 WEST FACE OF HAUNCH CRACKED SPALL DELAMINATED FM 15" TO 24" HIGH 13' 6" LONG 12" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 4 PILE 2 CRACKED SPALL DELAMINATED NW CORNER FM CAP DOWN 13' & 12" ON NORTH FACE 13" ON WEST. REBAR EXPOSED.



BENT 4 PILE 2 CRACKED DELAMINATED SPALL AREA SW CORNER OF PILE FM BOTTOM OF CAP DOWN 93".
8" ON WEST FACE AND 6" ON SOUTH.



BENT 5 EAST FACE OF HUANCH UNDER LEFT END OF CAP SPALL AREA 9" X 18" X 4" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 4 PILE 1 CRACKED SPALL AREA NE CORNER CAP DOWN 72" & 10" ON NORTH FACE & 12" ON EAST WITH REBAR EXPOSED.



BENT 4 PILE 1 CRACKED SPALL DELAMINATED AREA ON SE CORNER OF PILE FM CAP DOWN 9' 4" AND 10" ON SOUTH 15" ON EAST REBAR EXPOSED.



BENT 4 CAP EAST FACE OF CAP CRACKED SPALL DELAM FM LEFT SIDE OF G2 TO RIGHT OF G4. 17" UP FACE 21' LONG 6" UNDER BOTTOM REBAR AND STIRRUPS EXPOSED.



BENT 4 EAST FACE AND BOTTOM OF HUANCH UNDER G3 CRACKED SPALL AND DELAMINATED 9" WIDE 75" LONG 6" UNDER BOTTOM WITH REBAR AND STIRRUPS EXPOSED.

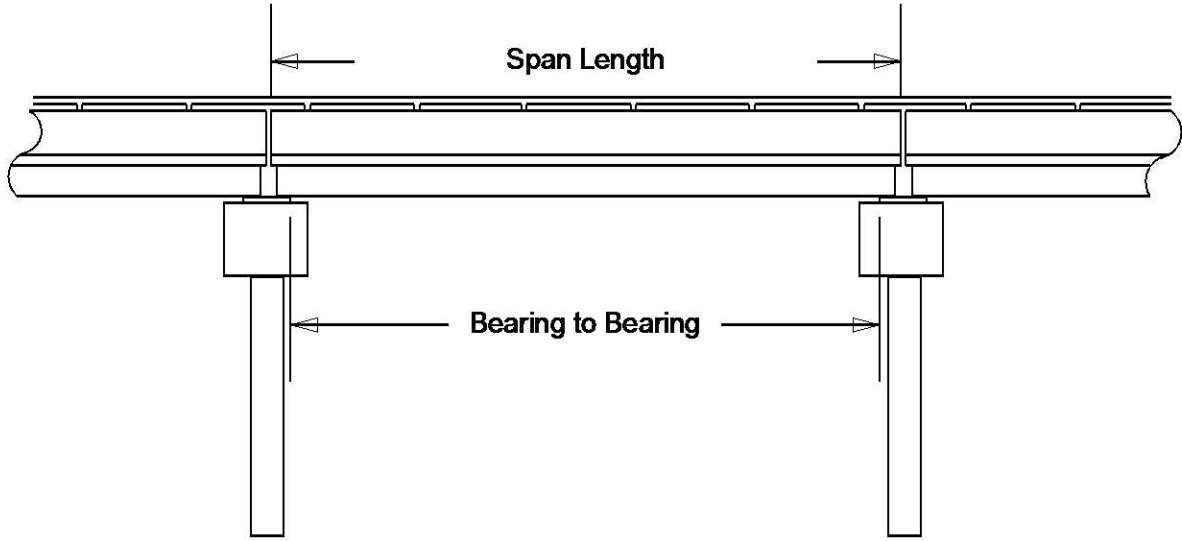


BENT 4 PILE 2 CRACKED SPALL DELAMINATED SE AND NORTH FACE FM CAP DOWN 13' & 32" WIDE ON EAST FACE & 6" ON SOUTH AND NORTH.

Structure Data Worksheet

Spans

County: ORANGE Structure No: 670046 Date: _____ Inspected By: RDW



Span No	Span Length	Bearing to Bearing	Comments
1	47.5	46.5	NBIS BL 231.5
2	47.5	46.75	
3	47.5	46.75	
4	47.5	46.75	
5	47.5	46.5	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 670046 County: ORANGE Date: _____ By: RDW

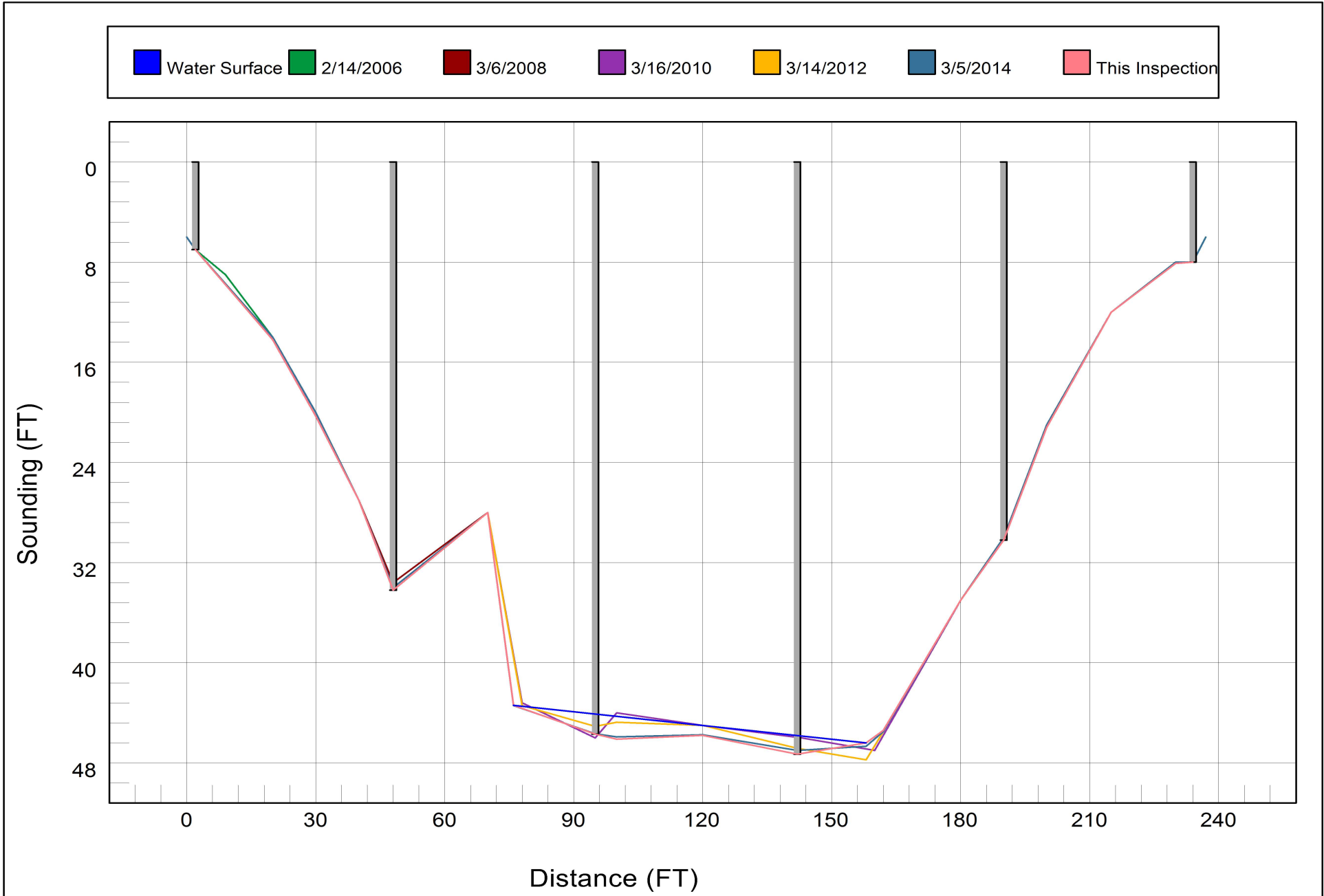
Record sounding from top of rail. Other location if needed: _____

Distance from Highwater Mark to top of rail: _____ Location of Highwater Mark: _____

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
2	7	END BENT 1	2	7	END BENT 1
20	14.2				
30	20.3				
40	27				
48	34.2	BENT 1	48	33.2	BENT 1
70	28				
76	43.4	WSWE			
95	45.7	BENT 2	95	44.3	BENT 2
100	46.1				
120	45.8				
142	47.3	BENT 3	142	46.7	BENT 3
158	46.4	WSWE			
162	45.4				
180	35				
190	30.2	BENT 4	190	29	BENT 4
200	21.2				
215	12				
230	8.1				
234	8	END BENT 2	234	8	END BENT 2

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

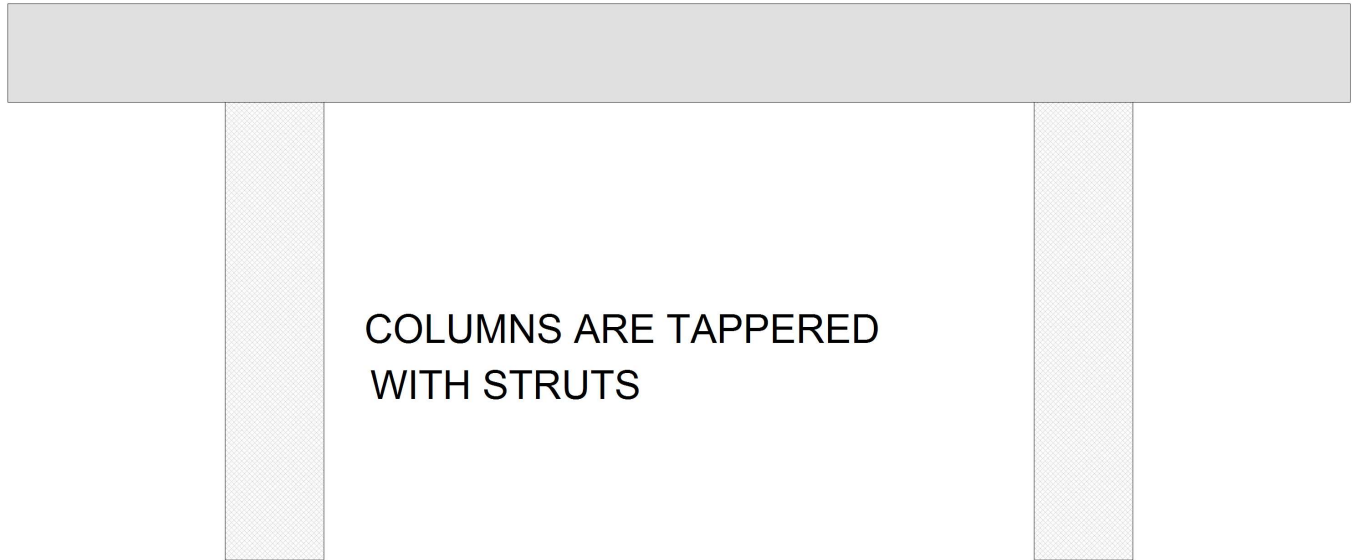


Roadway	22ft Wide	2 Paved Lanes	Looking East
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

measurements verified by rd williams 4/23/16

Title APPROACH ROADWAY SKETCH		Description APPROACH ROADWAY SKETCH	
Bridge No: 670046	Drawn By: TFM	Date: 03/05/2014	File Name: S0066000943

Bridge Inspection Field Sketch

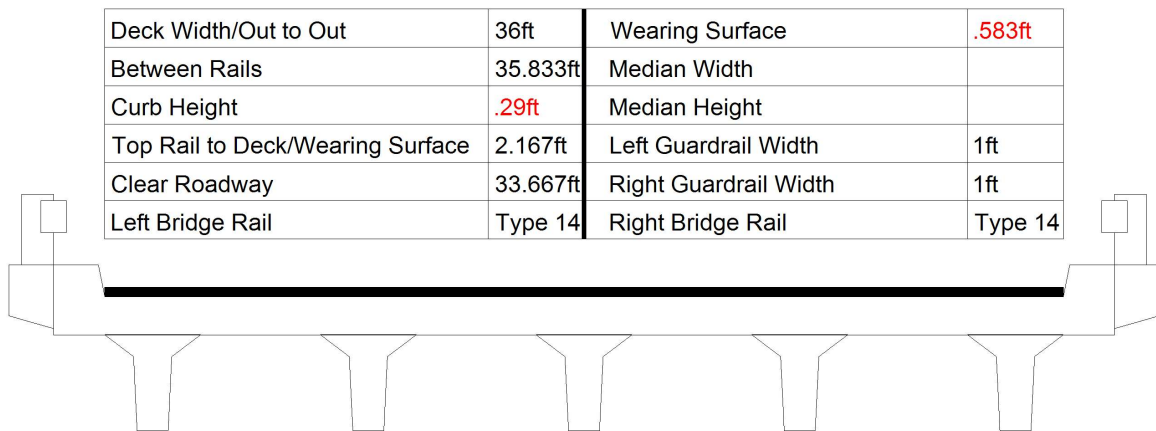


COLUMNS ARE TAPPED
WITH STRUTS

Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
34.000 ft.	2.500 ft.	2.500 ft.	6.750 ft.	6.750 ft.	2.500 ft.	2.500 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	20.5 ft.	2.5 ft.			Vertical	No	No	No	No
2	Concrete		2.5 ft.			Vertical	No	No	No	No
MEASUREMENTS VERIFIED BY RD WILLIAMS 4/23/16										
Bent/Abutment #: 1			Similar Bents: 2,3,4							

Title PILE DIAGRAM PIERS				Description PILE DIAGRAM PIERS			
Bridge No: 670046	Drawn By: TFM			Date: 3/05/2014		File Name: S0066002443	

Bridge Inspection Field Sketch



Measurements for Span #	1		
Deck Thickness	.583	Left Overhang	2.667
Top of Rail to Bottom of Beam	5.833	Right Overhang	2.667

Beam No	Beam Type	Spacing	Comments
1	RC Deck Girder	7.667ft	OTHER SPANS SIMILAR
2	RC Deck Girder	7.667ft	
3	RC Deck Girder	7.667ft	
4	RC Deck Girder	7.667ft	
5	RC Deck Girder		

END BENTS: RC CAPS WITH SPILL THRU COLUMNS

PIERS: RC POST & BEAM - 2 COLUMNS

GIRDER SIZE: 1.5FT WIDE X 2.667FT HIGH MIDDLE

GIRDER SIZE: 1.5FT WIDE X 2.25FT HIGH BEAMS 1 & 5

WEARING SURFACE: .417 WEST, .583 EAST

CURBS: .459 WEST, .29 EAST

MEASUREMENTS VERIFIED BY RD WILLIAMS 4/23/16

Title STRUCTURE DATA SKETCH		Description STRUCTURE DATA SKETCH	
Bridge No: 670046	Drawn By: TFM	Date: 03/05/2014	File Name: S0066000944