NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PRIORITY MAINTENANCE, TEMPORARY REPAIRS, SNOOPER USED, NEWLY STRUCTURALLY DEFICIENT.

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 02/13/2019

DIVISION: 14 **COUNTY:** HAYWOOD **STRUCTURE NUMBER:** 430171 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: I-40 **MILE POST:** 19.2

LOCATION: 1 MI.W.JCT.US276

FEATURE INTERSECTED: SR1338, JONATHAN CREEK

LATITUDE: 35° 37' 8.07" **LONGITUDE:** 83° 0' 34.6"

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS&CONT.STL.PLATE GDRS.

SUBSTRUCTURE: E.BT1:RC SPILL THRU;E.BT2:RC CAP/H-PILE;BTS:RCP&B#5/PILES

SPANS: 6 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

NBI GRADES: **DECK** 5 **SUPERSTRUCTURE** 5 **SUBSTRUCTURE** 4 **CULVERT** N

POSTED SV: Not Posted **POSTED TTST:** Not Posted

OTHER SIGNS PRESENT: NONE

LOOKING EAST.

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
JOSHUA W GENTRY		DAVID SHEEHAN

Structure Element Scoring

Structure Number: **430171**

Inspection Date **2/13/2019**

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	38634	12855	15580	10199	0
107	0	Steel Open Girder/Beam	Beam	4856	3412	1431	13	0
515	107	Steel Protective Coating	Beam	77592	76582	133	877	0
205	0	Reinforced Concrete Column	Piles and Columns	19	10	0	9	0
215	0	Reinforced Concrete Abutment	Abutments	148	133	11	4	0
225	0	Steel Pile	Piles and Columns	15	15	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	432	34	133	265	0
302	0	Compression Joint Seal	Expansion Joints	295	153	102	40	0
311	0	Movable Bearing	Bearing Device	56	7	43	6	0
515	311	Steel Protective Coating	Bearing Device	208	96	11	101	0
313	0	Fixed Bearing	Bearing Device	24	14	10	0	0
515	313	Steel Protective Coating	Bearing Device	48	28	0	20	0
321	0	Reinforced Concrete Approach Slabs	Approaches	1160	1160	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	1220	580	636	4	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	610	0	450	160	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **430171** Inspection Date: **02/13/2019**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	201 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	8 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	10200 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	174 Square Feet
3314	Steel Open Girder/Beam	Damage	2 Feet
3314	Steel Open Girder/Beam	Cracking	1 Feet
3314	Steel Open Girder/Beam	Corrosion	13 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	3 Each
3348	Reinforced Concrete Column	Patched Area	132 Each
3348	Reinforced Concrete Column	Delamination/Spall	113 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	2 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	2 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	68 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	7 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	1 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	87 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	199 Feet
3310	Compression Joint Seal	Debris Impaction	10 Feet
3310	Compression Joint Seal	Adjacent Deck or Header	23 Feet
3310	Compression Joint Seal	Seal Damage	7 Feet
3334	Movable Bearing	Corrosion	6 Each
3322	Metal Bridge Railing	Damage	559 Feet
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	45 Feet
3318	Reinforced Concrete Bridge Railing	Damage	1 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	159 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1142 Square Feet

Element Structure Maintenance Quantities

Structure Number: **430171** Inspection Date **02/13/2019**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	4	148	0	4	11	133
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	1160	0	0	0	1160
Beam	3314	Maintenance Steel Superstructure Components	16	4856	0	13	1431	3412
Beam	3342	Clean and Paint Steel	1010	77592	0	877	133	76582
Bearing Device	3334	Bridge Bearing	7	80	0	6	53	21
Bearing Device	3342	Clean and Paint Steel	132	256	0	121	11	124
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	205	610	0	160	450	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	559	1220	0	4	636	580
Caps	3348	Maintenance of Concrete Substructure	362	432	0	265	133	34
Deck	3326	Maintenance of Concrete Deck	10583	38634	0	10199	15580	12855
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	40	295	0	40	102	153
Piles and Columns	3348	Maintenance of Concrete Substructure	248	19	0	9	0	10
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	15	0	0	0	15

Element Condition and Maintenance Data

Structure Number: **430171** Inspection Date: **02/13/2019**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,167	492	1,799	876	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES HAVE MAP CRACKING UP TO 1/16" WIDE AT 2 FT CENTERS THROUGHOUT RIGHT TRAVEL LANE.	3	720	720	Square Feet
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES. (8) TRANSVERSE CRACKS UP TO 12 FT LONG, UP TO 1/16" WIDE SCATTERED THROUGHOUT LEFT LANE.	3	96	96	Square Feet
12	Delamination/Spall	1 FT X 3" X 1" DEEP SPALL IN UNDERSIDE OF RIGHT OVERHANG AT BENT 1, NO EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	BAY 1, UNDERSIDE OF DECK HAS 2 FT X 18" DELAMINATION IN UNDERSIDE OF DECK, BAY 1 AT GIRDER 1, 11.5 FT FROM END BENT 1.	3	3	3	Square Feet
12	Delamination/Spall	BAY 3, UNDERSIDE OF DECK HAS 10" DIAMETER DELAMINATION AT APPROXIMATELY 13 FT FROM BENT 1.	3	1	1	Square Feet
12	Delamination/Spall	BAY 7 UNDERSIDE OF DECK HAS 4" X 2" X 1" DEEP SPALL AT END BENT 1, NO EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	UNDERSIDE OF DECK, BAY 3 HAS AN AREA OF DELAMINATION, 4.5 FT. FROM END BENT 1, 18" X 30", WITH ADJACENT SPALLING UP TO 1/2" DEEP, NO EXPOSED REINFORCEMENT.	3	4	4	Square Feet
12	Delamination/Spall	UNDERSIDE OF LEFT OVERHANG IS CRACKED AND DELAMINATED WITH SCATTERED RUST STAINS FOR FULL LENGTH OF SPAN UP TO 13" WIDE.	3	50	50	Square Feet
12	Cracking (RC and Other)	(11) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	11		Square Feet
12	Cracking (RC and Other)	(8) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	8		Square Feet
12	Cracking (RC and Other)	SPAN 1 RIGHT OVERHANG UNDERSIDE HAS TRANSVERSE HAIRLINE CRACKS FOR FULL WIDTH OF OVERHANG SPACED AT APPROXIMATELY 6 FT CENTERS FOR FULL LENGTH OF SPAN.	2	100		Square Feet
12	Cracking (RC and Other)	SPAN 1, BAY 1, UNDERSIDE OF DECK HAS TRANSVERSE HAIRLINE CRACKS UP TO FULL BAY WIDTH SCATTERED THROUGHOUT SPAN AT APPROXIMATELY 1 FT CENTERS FOR FULL LENGTH OF SPAN.	2	350		Square Feet
12	Cracking (RC and Other)	SPAN 1, DECK UNDERSIDE HAS HAIRLINE MAP CRACKING WITH AREAS OF EFFFLORESCENCE SCATTERED THROUGHOUT ALL BAYS FOR FULL LENGTH OF SPAN.	2	900		Square Feet
12	Cracking (RC and Other)	TRANSVERSE HAIRLINE CRACKS UP TO FULL BAY WIDTH WITH EFFLORESCENCE SCATTERED THROUGHOUT UNDERSIDE OF DECIK.	2	400		Square Feet
12	Patched Areas	2 FT X 1 FT SOUND PATCH IN UNDERSIDE OF RIGHT OVERHANG AT BENT 1.	2	2		Square Feet
12	Patched Areas	BAY 3, DECK UNDERSIDE HAS SOUND PATCH WITH HAIRLINE MAP CRACKING NEAR END BENT 1. PATCH IS FULL WIDTH OF BAY X 40" LONG.	2	28		Square Feet

General Comments

Span 1 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	34	14	0	0	Feet
515	Steel Protective Coating	483	469	14	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED SURFACE CORROSOIN ON THE EDGES OF THE TOP AND BOTTOM FLANGES THROUGHOUT OUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	10		Feet
107	Corrosion	SURFACE CORROSION ON EDGE OF TOP FLANGE AT END BENT 1 FOR 20", NO SECTION LOSS.	2	2		Feet
107	Corrosion	SURFACE RUST ON WEB AND BOTTOM FLANGE AT END BENT 1 FOR 2 FT LONG, UP TO FULL HEIGHT OF WEB, NO SECTION LOSS.	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	14	14	Square Feet

General Comments

Span 1 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	37	11	0	0	Feet
515	Steel Protective Coating	483	473	0	10	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 1. AREA OF SECTION LOSS IS 3" LONG X 3" WIDE X 7/16" THICKNESS REMAINING IN BOTTOM FLANGE AT BENT 1 BEARING. BEAM HAS BEEN CLEANED AND PAINTED, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
107	Corrosion	SURFACE CORROSION ON THE EDGES OF THE FLANGES SCATTERED THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	10	10	Square Feet

General Comments

Span 1 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	36	12	0	0	Feet
515	Steel Protective Coating	483	471	0	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SURFACE CORROSION ON EDGES OF BOTTOM FLANGE FOR 18" LONG AT END BENT 1, NO SECTION LOSS.	2	12		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	12	12	Square Feet

General Comments

Span 1 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	47	1	0	0	Feet
515	Steel Protective Coating	483	482	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	RUST STAINING ON BOTTOM FLANGE FOR 1 FT AT END BENT 1.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	1	1	Square Feet

General Comments

Span 1 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	47	1	0	0	Feet
515	Steel Protective Coating	483	482	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	RUST STAINING ON BOTTOM FLANGE FOR 1 FT AT END BENT 1.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	1	1	Square Feet

General Comments

Span 1 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	45	3	0	0	Feet
515	Steel Protective Coating	483	481	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	4" X 1" AREA OF SURFACE CORROSION ON LEFT BOTTOM FLANGE AT BENT 1, NO SECTION LOSS.	2	1		Feet
107	Corrosion	RUST STAINING ON BOTTOM FLANGE FOR 1 FT AT END BENT 1.	2	1		Feet
107	Corrosion	SURFACE CORROSION ON EAST END FACE OF BOTTOM FLANGE, WEB, AND TOP FLANGE AT BENT 1, NO SECTION LOSS.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	48	33	15	0	0	Feet
515	Steel Protective Coating	483	469	0	14	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	FULL HEIGHT RUST STAINING ON WEB AT END BENT 1.	2	1		Feet
107	Corrosion	SCATTERED SURFACE CORROSION ON THE EDGES OF THE FLANGES THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	14		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	14	14	Square Feet

General Comments

Span 1 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	32	18	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(8) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL.	2	15	15	Feet
330	Distortion	STEEL RAIL POSTS 1-3 HAVE BEEN CRUSHED DUE TO IMPACT DAMAGE.	2	3		Feet

General Comments

Span 1 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	50	40	10	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(10) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	10		Feet

General Comments

Span 1 — Expansion Joint

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	59	6	44	9	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	WESTBOUND LANE, SPAN 1 SIDE, 6" X 6" X 4" DEEP SPALL IN HEADER AT LEFT BRIDGE RAIL, NO EXPOSED REINFORCEMENT.	3	1	1	Feet

302	Debris Impaction	ASPHALT PATCHES SCATTERED THROUGHOUT HEADERS ON BOTH SIDES OF EXPANSION JOINT ARE RESTRICTING JOINT MOVEMENT.	3	8	8	Feet
302	Debris Impaction	ASPHALT AND DEBRIS SCATTERED THROUGHOUT LENGTH OF JOINT, IMPACT NOT AFFECTED.	2	44		Feet

General Comments

Span 1 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	50	0	34	16	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(15) VERTICAL WRAPAROUND CRACKS UP TO 1/16" WIDE, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	3	15	15	Feet
331	Damage	JOINT COVER PLATE IN RAIL IS MISSING. (PRIORITY MAINTENANCE)	3	1	1	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	34		Feet

General Comments

Span 1 — Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING PLATE.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING PLATE.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

311	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING PLATE, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	2	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING PLATE.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Near Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 2 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	8,867	978	4,287	3,602	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE MAP CRACKING WITH SOME AREAS OF EFFLORESCENCE SCATTERED THROUGHOUT UNDERSIDE OF DECK.	3	2,000	2,000	Square Feet
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES, (15) TRANSVERSE CRACKS UP TO 1/16" WIDE, UP TO 12 FT LONG SCATTERED THROUGHOUT LEFT LANE.	3	144	144	Square Feet
12	Cracking (RC and Other)	TOP OF THE DECK, EASTBOUND AND WESTBOUND LANES, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.	3	1,400	1,400	Square Feet
12	Delamination/Spall	6" X 1 FT X 2" SPALL IN GIRDER 2 HAUNCH, 6 FT FROM BENT 2, NO EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	SPAN 2 HAUNCH ABOVE GIRDER 8 HAS 15 FT LONG X 6" X 3" DEEP SPALL ABOVE GIRDER AT MIDSPAN, NO EXPOSED REINFORCEMENT.	3	15	15	Square Feet
12	Delamination/Spall	SPAN 2, BAY 6 DECK UNDERSIDE HAS 16" X 10" X 2" DEEP SPALL AT BENT 1, NO EXPOSED REINFORCEMENT.	3	2	2	Square Feet
12	Delamination/Spall	SPAN 2, HAUNCH ABOVE BEAM 1 HAS 15 FT LONG X UP TO 6" WIDE X UP TO 2" DEEP SPALL IN LEFT SIDE OF HAUNCH NEAR MIDSPAN, NO EXPOSED REINFORCEMENT.	3	15	15	Square Feet
12	Delamination/Spall	SPAN 2, UNDERSIDE OF DECK AT BENT 1 JOINT, BEHIND GIRDER 2 HAS 2" X 2" X 3 FT SPALL, NO EXPOSED REINFORCEMENT.	3	3	3	Square Feet

12	Delamination/Spall	WESTBOUND LANES, TOP OF DECK, 10 FT X 1 FT DELAMINATION AT MIDSPAN.	3	10	10	Square Feet
12	Patched Areas	SPAN 2, DECK UNDERSIDE BAY 4 HAS FULL BAY WIDTH UNSOUND REPAIR WITH HAIRLINE CRACKING AND EFFLORESCENCE NEAR MIDSPAN.	3	12	12	Square Feet
12	Cracking (RC and Other)	(16) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	16		Square Feet
12	Cracking (RC and Other)	(24) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	24		Square Feet
12	Cracking (RC and Other)	SPAN 2, BAY 5 DECK UNDERSIDE HAS TRANSVERSE HAIRLINE CRACKS UP TO FULL BAY WIDTH AT APPROXIMATELY 4 FT CENTERS SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	40	40	Square Feet
12	Cracking (RC and Other)	SPAN 2, BAY 6 DECK UNDERSIDE HAS HAIRLING MAP CRACKING FOR 9 FT LONG X FULL BAY WIDTH AT MIDSPAN.	2	72	72	Square Feet
12	Cracking (RC and Other)	SPAN 2, UNDERSIDE OF DECK HAS SCATTERED TRANSVERSE HAIRLINE CRACKS UP TO FULL BAY WIDTH SPACED AT APPROXIMATELY 3 FT CENTERS FOR FULL LENGTH OF SPAN.	2	3,000		Square Feet
12	Cracking (RC and Other)	TRANSVERSE CRACKS UP TO 5 FT LONG, UP TO 1/32" WIDE, SOME WITH EFFLORESCENCE SCATTERED THROUGHOUT UNDERSIDE OF BAY 4.	2	400		Square Feet
12	Exposed Rebar	SPAN 2, BOTTOM OF RIGHT OVERHANG, 5 FT. FROM BENT 1 HAS A 8 INCH DIAMETER X 2 INCH DEEP SPALL WITH REBAR EXPOSED, FOR A TOTAL OF 3 SQ. FT. OF SPALLS WITH REBAR EXPOSED IN THE RIGHT OVERHANG	2	1	1	Square Feet
12	Patched Areas	SCATTERED SOUND PATCHES THROUGHOUT TOP OF DECK.	2	100		Square Feet
12	Patched Areas	SPAN 2 DECK UNDERSIDE, SOUND TEMPORARY REPAIR AT BENT 2 IN ALL BAYS FOR 3 FT LONG.	2	170		Square Feet
12	Patched Areas	SPAN 2, BAYS 1 AND 2 HAVE FULL BAY WIDTH X UP TO 4 FT LONG SOUND TEMPORARY REPAIRS IN UNDERSIDE OF DECK ABOVE REPAIRED DIAPHRAGMS NEAR MIDSPAN.	2	64		Square Feet
12	Patched Areas	SPAN 2, BAYS 3, 5, 6, 7 HAVE DECK UNDERSIDE HAS TEMPORARY SOUND CONCRETE REPAIRS FOR UP 20 FT LONG X UP TO FULL WIDTH OF BAY NEAR MIDSPAN.	2	400		Square Feet

General Comments

Span 2 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	32	408	0	0	Feet
515	Steel Protective Coating	8,024	7,874	0	150	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 4, BAY 1 INTERMEDIATE DIAPHRAGM HAS A 1" DIAMETER HOLE. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	3		1	Feet
107	Corrosion	SPAN 2 HAS ARRESTED SECTION LOSS ON LEFT SIDE OF BOTTOM FLANGE AT BENT 2. AREA OF SECTION LOSS IS 4 FT LONG X 3" WIDE X 1.3" THICKNESS REMAINING, SECTION LOSS HAS BEEN PAINTED OVER WITH SURFACE RUST ON EXISTING SECTION LOSS, NO NEW SECTION LOSS.	2	4		Feet
107	Corrosion	SPAN 2 HAS SURFACE CORROSION FOR 1 FT LONG ON RIGHT TOP FLANGE, 2 FT LONG ON LEFT TOP FLANGE AT BENT 1 BEARING, NO SECTION LOSS.	2	2		Feet
107	Corrosion	SPAN 2 HAS TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 8 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION WITH 3/8" COVER PLATE ON WEB AND BOTTOM FLANGE AT AREA OF REPAIR ON BAY 1 SIDE OF GIRDER	2	8		Feet

		NEAR MIDSPAN.				
107	Corrosion	SPAN 2, BAY 1 DIAPHRAGM AT BENT 1 HAS SURFACE CORROSION SCATTERED THROUGHOUT, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON LEFT SIDE OF TOP FLANGE FOR 15 FT LONG NEAR MIDSPAN, NO SECTION LOSS.	2	15		Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON RIGHT SIDE OF BOTTOM FLANGE AT BENT 2 FOR 4 FT LONG, NO SECTION LOWSS.	2	4		Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON TOP FLANGE AT BENT 2 FOR 10 FT LONG X 2" WIDE ON LEFT SIDE AND 6 FT LONG X 2" WIDE ON RIGHT SIDE, NO SECTION LOSS.	2	10		Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 1 AT BENT 2.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 1 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 3, ARRESTED SECTION LOSS ON BOTTOM FLANGE AT BENT 3. AREA OF ARRESTED SECTION LOSS IS 1 FT LONG X 3" WIDE X 1.6" THICKNESS REMAINING ON LEFT EDGE OF BLANGE.	2	1		Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON BOTTOM FLANGE FOR 4 FT LONG AT BENT 3 BEARING, NO SECTION LOSS.	2	4		Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON LEFT EDGE OF TOP FLANGE FOR 6 FT LONG AT BENT 3, NO SECTION LOSS.	2	6		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 22 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8" THICK WEB PLATE, NEAR MIDSPAN.	2	40		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 1 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 1 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, 15.5 FT OF SURFACE CORROSION ON BOTTOM FLANGE BELOW BOTTOM FLANGE REPAIR AT BENT 4, 2.1" TOTAL BOTTOM FLANGE THICKNESS REMAINING .	2	16		Feet
107	Corrosion	SPAN 4, 7" X 3" REPAIR TO BENT DIAPHRAGM IN BAY 1.	2			Feet
107	Corrosion	SPAN 4, BAY 1 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2			Feet
107	Corrosion	SPAN 4, BAY 1 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 4, PAINTED OVER SECTION LOSS ON BOTTOM FLANGE FOR 8 FT LONG X 7" WIDE X 0.85" THICKNESS REMAINING, SECTION LOSS HAS BEEN ARRESTED. APPROXIMATLEY 40 FT FROM BENT 4.	2	8		Feet
107	Corrosion	SPAN 4, PITTING UP TO 1/4" DEEP SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE FOR FULL LENGTH OF SPAN, PITTING HAS BEEN PAINTED OVER AND SECTION LOSS HAS BEEN ARRESTED.	2	100		Feet
107	Corrosion	SPAN 4, REPAIR TO WEB AND BOTTOM FLANGE FOR 35 FT LONG, BEGINNING AT BENT 4.	2	35		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON BOTTOM FLANGE FOR 10 FT LONG, APPROXIMATLEY 35 FT FROM BENT 4, NO SECTION LOSS.	2	10		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON TOP FLANGE FOR 2 FT LONG AT BENT 4, NO SECTION LOSS.	2	2		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION SCATTERED THROUGHOUT EDGES OF BOTTOM FLANGE FOR FULL LENGTH OF SPAN, NO SECTION LOSS.	2	140		Feet
107	Corrosion	SPAN 4, SURFACE RUST ON EDGE OF BOTTOM FLANGE PLATES OF BOLTED FIELD SPLICE, NO MEASURABLE SECTION LOSS.	2	2		Feet
107	Damage	10" X 10" X UP TO 1" DEEP SPALL IN BENT DIAPHRAGM OF BAY 2 AT BENT 1 BEARING, NO EXPOSED REINFORCEMENT.	2		1	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	150	150	Square Feet

General Comments

BEAMS 1 & 2 BOTTOM FLANGES AND LOWER WEBS IN SPAN 2 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.
BEAMS 1-5 BOTTOM FLANGES AND LOWER WEBS IN SPAN 3 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.
BEAMS 1 -3 BOTTOM FLANGES AND LOWER WEBS IN SPAN 4 NEAR BENT 4 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.

Span 2 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	327	110	3	0	Feet
515	Steel Protective Coating	8,024	7,944	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS ON BOTTOM FLANGE AT BENT 1. AREA OF SECTION LOSS IS 2 FT LONG X UP TO FULL WIDTH X 0.6" THICKNESS REMAINING, CORROSION HAS BEEN ARRESTED.	3	2	2	Feet
107	Corrosion	SPAN 4, 2" X 1/2" PAINTED OVER HOLE IN BEARING STIFFENER AT BENT 4, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	3	1	1	Feet
107	Corrosion	SPAN 4, BEARING STIFFENER AT BENT 4 IN BAY 2 HAS (2) 1" DIAMETER HOLES AND (3) 1/4" DIAMETER HOLES. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	3		1	Feet
107	Corrosion	PAINTED OVER SECTION LOSS ON BEARING STIFFENER AT BENT 1. AREA OF SECTION LOSS IS 1 FT HIGH X FULL WIDTH OF STIFFENER WITH 0.3" THICKNESS REMAINING, CORROSION HAS BEEN ARRESTED.	2	1		Feet
107	Corrosion	SPAN 2 HAS TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 8 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION WITH 3/8" COVER PLATE ON WEB AND BOTTOM FLANGE AT AREA OF REPAIR ON BAY 1 SIDE OF GIRDER NEAR MIDSPAN.	2	8		Feet
107	Corrosion	SPAN 2, 21 FT LONG BOLTED REPAIR TO BOTTOM FLANGE AND WEB AT MIDSPAN.	2	21		Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 2 AT BENT 2.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 2 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 40 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION FOR A TOTAL OF 1.6" BOTTOM FLANGE THICKNESS AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8" THICK WEB PLATE, NEAR MIDSPAN.	2	40		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 2 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 2 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, 6 FT OF SURFACE CORROSION ALONG TOP FLANGE NEAR MIDSPAN, NO SECTION LOSS.	2	6		Feet
107	Corrosion	SPAN 4, BAY 2 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2	1		Feet
107	Corrosion	SPAN 4, BAY 2 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 4, SURFACE CORROSION FOR 3 FT LONG ON EDGES OF BOTTOM FLANGE AT BENT 3, NO SECTION LOSS.	2	3		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION FOR 7 FT LONG ALONG RIGHT SIDE OF TOP FLANGE, 16 FT FROM BENT 3, NO SECTION LOSS.	2	7		Feet
107	Corrosion	SPAN 4, WEB AND BOTTOM FLANGE REPAIR FOR 12 FT LONG, BEGINNING AT BENT 4.	2	12		Feet

107	Cracking	SPAN 3 AND SPAN 4, WELDED REPAIR TO WEB AT BENT 3 BEARING. REPAIR PLATES ARE 5 FT X 18" X 1/2" THICK IN EACH SPAN.	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	80	80	Square Feet

General Comments

BEAMS 1 & 2 BOTTOM FLANGES AND LOWER WEBS IN SPAN 2 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.
BEAMS 1-5 BOTTOM FLANGES AND LOWER WEBS IN SPAN 3 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.
BEAMS 1 -3 BOTTOM FLANGES AND LOWER WEBS IN SPAN 4 NEAR BENT 4 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.

Span 2 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	368	69	3	0	Feet
515	Steel Protective Coating	8,024	7,954	0	70	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS ON BOTTOM FLANGE, RIGHT SIDE AT BENT 1. AREA OF PAINTED OVER SECTION LOSS IS 20" LONG X 4" WIDE X 0.5" THICKNESS REMAINING IN BOTTOM FLANGE, CORROSION HAS BEEN ARRESTED.	3	2	2	Feet
107	Damage	DIAGONAL LATERAL BRACE IN BAY 3 OF SPAN 3 AT BENT 3 IS NOT ATTACHED TO GIRDER 3. (PRIORITY MAINTENANCE)	3	1	1	Feet
107	Corrosion	SPAN 2 HAS 1 FT OF SURFACE CORROSION ON BOTTOM FLANGE AT BENT 2, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SPAN 2 HAS PAINTED OVER SECTION LOSS IN WEB NEAR MIDSPAN BELOW DECK REPAIRS FOR FULL HEIGHT X 8" LONG WITH PITTING UP TO 1/16" DEEP TO INCLUDE STIFFENER, CORROSION HAS BEEN ARRESTED.	2	1		Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 3 AT BENT 2.	2			Feet
107	Corrosion	SPAN 3 AND SPAN 4, WELDED REPAIR TO WEB AT BENT 3 BEARING. REPAIR PLATES ARE 5 FT X 18" X 1/2" THICK IN EACH SPAN.	2	10		Feet
107	Corrosion	SPAN 3 HAS 1 FT OF SURFACE CORROSION ON BOTTOM FLANGE AT BENT 2, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 23 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8" THICK WEB PLATE, NEAR MIDSPAN.	2	23		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 3 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 3 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, 6 FT OF SURFACE CORROSION ALONG TOP FLANGE NEAR MIDSPAN, NO SECTION LOSS.	2	6		Feet
107	Corrosion	SPAN 4, BAY 3 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2	1		Feet
107	Corrosion	SPAN 4, BAY 3 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 4, RUST STAINS AT ENDS OF BOTTOM FLANGE AT BOLTED FIELD SPLICE, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ALONG LEFT SIDE OF BOTTOM FLANGE FOR 12 FT LONG, BEGINNING NEAR BENT 4, NO SECTION LOSS.	2	12		Feet
107	Corrosion	SPAN 4, WEB AND BOTTOM FLANGE REPAIR FOR 12 FT LONG, BEGINNING AT BENT 4.	2	12		Feet

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	70	70	Square Feet

General Comments

BEAMS 1-5 BOTTOM FLANGES AND LOWER WEBS IN SPAN 3 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.
BEAMS 1 -3 BOTTOM FLANGES AND LOWER WEBS IN SPAN 4 NEAR BENT 4 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.

Span 2 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	343	97	0	0	Feet
515	Steel Protective Coating	8,024	7,964	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BEARING STIFFENER AT BENT 1 BEARING. AREA OF SECTION LOSS IS 8" X 1 FT X 0.3" THICKNESS REMAINING IN BEARING STIFFENER, CORROSION HAS BEEN ARRESTED.	2	1		Feet
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 1 BEARING. AREA OF SECTION LOSS IS 3" X 9" X 0.6'' THICKNESS REMAINING, CORROSION HAS BEEN ARRESTED.	2	1		Feet
107	Corrosion	SPAN 2, 3 FT OF SURFACE CORROSION FOR 2" WIDE ON RIGHT EDGE OF TOP FLANGE AND 4 FT OF SURFACE CORROSION FOR 2" WIDE ON LEFT EDGE OF TOP FLANGE AT BENT 2, NO SECTION LOSS.	2	4		Feet
107	Corrosion	SPAN 2, BAY 4 HAS TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM WITH SURFACE CORROSION ON DIAPHRAGM, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 4 AT BENT 2, SURFACE CORROSION ON DIAPHRAGM, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON UNDERSIDE AND EDGES OF BOTTOM FLANGE FOR 23 FT LONG AT MIDSPAN, NO SECTION LOSS.	2	23		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 23 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8'' THICK WEB PLATE, NEAR MIDSPAN.	2	23		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 4 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 4 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, 5 FT OF SURFACE CORROSION ON BOTTOM FLANGE, RIGHT SIDE AT BENT 3, NO SECTION LOSS.	2	5		Feet
107	Corrosion	SPAN 4, BAY 4 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2			Feet
107	Corrosion	SPAN 4, BAY 4 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
107	Corrosion	SPAN 4, RUST STAINS AT ENDS OF BOTTOM FLANGE AT BOLTED FIELD SPLICE, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION FOR 3 FT LONG ON TOP FLANGE NEAR MIDSPAN, BAY 5 SIDE, NO SECTION LOSS.	2	3		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON BOTH EDGES OF BOTTOM FLANGE FOR 20 FT LONG AT MIDSPAN, NO SECTION LOSS.	2	20		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON BOTH EDGES OF TOP FLANGE FOR 10 FT LONG AT MIDSPAN, NO SECTION LOSS.	2	10		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON RIGHT EDGE OF BOTTOM FLANGE FOR 5 FT LONG, 60 FT FROM BENT 3, NO SECTION LOSS.	2	5		Feet

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	60	60	Square Feet

General Comments

BEAMS 1-5 BOTTOM FLANGES AND LOWER WEBS IN SPAN 3 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.

Span 2 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	348	91	1	0	Feet
515	Steel Protective Coating	8,024	7,924	0	100	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Cracking	4" LONG CRACK WITH RUST STAINING IN WELD BETWEEN BOTTOM FLANGE AND ROCKER BEARING ON LEFT SIDE OF BOTTOM FLANGE AT BENT 1.	3	1	1	Feet
107	Corrosion	ARRESTED SECTION LOSS ON BEARING STIFFENER AND DIAPHRAGM AT BENT 1. AREA OF ARRESTED SECTION LOSS 6" X 15" X MINIMUM 0.3" THICKNESS REMAINING IN BEARING STIFFENER.	2	1		Feet
107	Corrosion	SPAN 2, 4 FT OF SURFACE CORROSION ON EDGES OF BOTTOM FLANGE AT BENT 2 BEARING, NO SECTION LOSS.	2	4		Feet
107	Corrosion	SPAN 2, BEAM 5 HAS SCATTERED SURFACE CORROSION ON THE EDGES OF THE BOTTOM FLANGES THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	20		Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 5 AT BENT 2.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 5 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 3, SURFACE CORROSION FOR 5 FT LONG ON BOTTOM FLANGE AT BENT 3, NO SECTION LOSS.	2	5		Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON BOTTOM FLANGE FOR 23 FT LONG AT MIDSPAN BELOW TEMPORARY REPAIR, NO SECTION LOSS.	2	23		Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON EDGES OF TOP FLANGE FOR 8 FT LONG AT MIDSPAN, NO SECTION LOSS.	2	8		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 5 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 5 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, 2 FT OF SURFACE CORROSION ON EDGE OF BOTTOM FLANGE, 48 FT FROM BENT 3 AND 2 FT OF SURFACE CORROSION ON EDGE OF BOTTOM FLANGE 60 FT FROM BENT 3, NO SECTION LOSS.	2	4		Feet
107	Corrosion	SPAN 4, 5 FT OF SURFACE CORROSION ON RIGHT SIDE OF BOTTOM FLANGE AT BENT 3, NO SECTION LOSS.	2	5		Feet
107	Corrosion	SPAN 4, BAY 5 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2	1		Feet
107	Corrosion	SPAN 4, RUST STAINS AT ENDS OF BOTTOM FLANGE AT BOLTED FIELD SPLICE, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SPAN 4, SCATTERED SURFACE CORROSION ON LEFT EDGE OF BOTTOM FLANGE FOR 15 FT NEAR MIDSPAN, NO SECTION LOSS.	2	15		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION FOR 3 FT LONG ON TOP FLANGE NEAR MIDSPAN, BAY 5 SIDE, NO SECTION LOSS.	2	3		Feet
107	Corrosion	TEMPORARY REPAIR TO WEB AT GIRDER 5 BEARING. REPAIR IS FULL WEB HEIGHT X 1/2" THICK X 20" LONG IN SPAN 2 AND SPAN 3.	2			Feet
107	Cracking	SPAN 4, BAY 5 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH	3	100	100	Square Feet

OF BEAM.

General Comments

BEAMS 1-5 BOTTOM FLANGES AND LOWER WEBS IN SPAN 3 WERE REPAIRED IN THE PAST WITH SECTIONS CUT OUT AND NEW STEEL BOLTED IN PLACE. THESE ARE CONSIDERED TEMPORARY REPAIRS.

Span 2 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	407	33	0	0	Feet
515	Steel Protective Coating	8,024	7,944	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 2 HAS FRECKLED SURFACE CORROSION AND RUST ON THE EDGES OF THE FLANGES THROUGHOUT THE LENGTH OF SPAN WITH SCATTERED AREAS OF PAINTED OVER PITTING UP TO 1/16" DEEP, NO NEW SECTION LOSS.	2	20		Feet
107	Corrosion	SPAN 2 HAS PAINTED OVER PITTING ON WEB FOR 30" LONG X 2 FT HIGH X UP TO 1/8" DEEP ON LEFT SIDE AT BENT 2, PITTING UP TO 1/8" DEEP X 2 FT HIGH X FULL WIDTH ON BEARING STIFFENER AT BENT 2, CORROSION HAS BEEN ARRESTED.	2	3		Feet
107	Corrosion	SPAN 2, RIGHT SIDE OF TOP FLANGE AT MIDSPAN, 2 FT OF SURFACE CORROSION, NO SECTION LOSS.	2	2		Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 6 AT BENT 2.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 6 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON LEFT EDGE OF TOP FLANGE AT MIDSPAN, NO SECTION LOSS.	2	6		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO BAY 6 DIAPHRAGM AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 6 AT MIDPSAN.	2			Feet
107	Corrosion	SPAN 4, BAY 6 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2	1		Feet
107	Corrosion	SPAN 4, BAY 6 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	80	80	Square Feet

General Comments

Span 2 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	407	32	1	0	Feet
515	Steel Protective Coating	8,024	7,974	50	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SPAN 4, 2" LONG AREA OF SURFACE CORROSION WITH PACK RUST ON BOTTOM FLANGE OF GIRDER BETWEEN SPLICE PLATES, NO MEASURABLE SECTION LOSS, NO MEASURABLE DISTORTION TO SPLICE PLATES.	3	1	1	Feet
107	Corrosion	SPAN 2 BAY 7 DIAPHRAGM AT MIDSPAN HAS SURFACE CORROSION THROUGHOUT, NO SECTION LSS.	2			Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON THE EDGES OF THE BOTTOM FLANGES SCATTERED THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	30		Feet

107	Corrosion	SPAN 2, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 7 AT BENT 2.	2			Feet
107	Corrosion	SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 7 NEAR MIDSPAN.	2			Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO DIAPHRAGM IN BAY 7 AT BENT 3.	2	1		Feet
107	Corrosion	SPAN 3, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 7 AT MIDSPAN.	2			Feet
107	Corrosion	SPAN 4, BAY 7 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS BEEN REPAIRED.	2	1		Feet
107	Corrosion	SPAN 4, BAY 7 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	2	50	50	Square Feet

General Comments

Span 2 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	440	122	315	3	0	Feet
515	Steel Protective Coating	8,024	7,924	0	100	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH PACK RUST ON BOLTED FIELD SPLICE IN SPAN 3. AREA OF CORROSION WITH PACK RUST IS 3" WIDE X 45" LONG WITH VERTICAL DISTORTION UP TO 1/8" ON TOP PLATE OF FIELD SPLICE ON BOTTOM FLANGE, NO MEASURABLE SECTION LOSS. (PRIORITY MAINTENANCE)	3	1	1	Feet
107	Corrosion	SPAN 4, CORROSION WITH SECTION LOSS ON RIGHT EDGE OF BOTTOM FLANGE AT BENT 4, AREA OF SECTION LOSS IS 2 FT LONG X 5" WIDE X 0.7" THICKNESS REMAINING.	3	2	2	Feet
107	Corrosion	SPAN 2 BEAM 8 AT BENT 2 BEARING HAS PAINTED OVER SECTION LOSS IN BOTTOM FLANGE FOR 2.5 FT LONG X 2" WIDE ON RIGHT SIDE OF FLANGE WITH 1.4" THICKNESS REMAINING, AND 2 FT LONG X UP TO 1 FT HIGH WEB PITTING UP TO 1/8" DEEP IN LEFT SIDE OF WEB, SECTION LOSS HAS BEEN ARRESTED, SURFACE CORROSION ON NEW PAINT, NO NEW SECTION LOSS.	2	2		Feet
107	Corrosion	SPAN 2, 8 FT OF PAINTED OVER PITTING UP TO 1/16" ON BOTTOM FLANGE AT MIDSPAN.	2	8		Feet
107	Corrosion	SPAN 2, 8 FT OF SURFACE CORROSION ON BOTH EDGES OF TOP FLANGE AT MIDSPAN, NO SECTION LOSS.	2	8		Feet
107	Corrosion	SPAN 2, BEAM 8 AT BENT 4 HAS 3/16 INCH SECTION LOSS ON THE BOTTOM OF THE BOTTOM RIGHT FLANGE X 4 INCHES WIDE FROM THE FACE OF BEARING OUT 2 FT. WITH 7/16 INCH REMAINING, PREVIOUS SECTION LOSS HAS BEEN PAINTED OVER	2	2		Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON THE EDGES OF THE BOTTOM FLANGES SCATTERED THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.	2	80		Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON TOP FLANGE AT BENT 2, 18 FT LONG ON LEFT SIDE OF FLANGE, 13 FT LONG ON RIGHT SIDE OF FLANGE, NO SECTION LOSS.	2	18		Feet
107	Corrosion	SPAN 2, SURFACE CORROSION ON TOP FLANGE FOR 3 FT LONG X 1" WIDE AT BENT 1, NO SECTION LOSS.	2	3		Feet
107	Corrosion	SPAN 3, ARRESTED SECTION LOSS IN BOTTOM FLANGE FOR 14 FT LONG X 3" WIDE X 0.45" THICKNESS REMAINING, BEGINNING AT MIDSPAN IN THE DIRECTION OF SPAN 3. SURFACE RUST ON EXISTING SECTION LOSS, NO NEW SECTION LOSS.	2	14		Feet
107	Corrosion	SPAN 3, PAINTED OVER SECTION LOSS IN TOP OF	2	1		Feet

		BOTTOM FLANGE AT BENT 3, SCATTERED PITTING UP TO 1/4'' DEEP FOR 1 FT, CORROSION HAS BEEN ARRESTED.				
107	Corrosion	SPAN 3, SURFACE CORROSION ON BOTH SIDES OF TOP FLANGE FOR 15 FT LONG AT MIDSPAN, NO SECTION LOSS.	2	15		Feet
107	Corrosion	SPAN 3, SURFACE CORROSION ON TOP FLANGE FOR 6 FT LONG AT BENT 3, NO SECTION LOSS.	2	6		Feet
107	Corrosion	SPAN 4, PAINTED OVER SECTION LOSS FOR 5 FT LONG X 6'' WIDE X 0.3'' THICKNESS REMAINING IN RIGHT SIDE OF BOTTOM FLANGE AT BENT 4, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	5		Feet
107	Corrosion	SPAN 4, 3 FT OF SURFACE CORROSION ON RIGHT EDGE OF TOP FLANGE AT BENT 4, NO MEASURABLE SECTION LOSS.	2	3		Feet
107	Corrosion	SPAN 4, SCATTERED PITTING IN TOP OF BOTTOM FLANGE, UP TO 1/8'' DEEP, PITTING HAS BEEN ARRESTED.	2	140		Feet
107	Corrosion	SPAN 4, SURFACE CORROSION ON BOTH SIDES OF TOP FLANGE FOR 9 FT LONG, NEAR MIDSPAN, NO SECTION LOSS.	2	9		Feet
107	Corrosion	SURFACE CORROSION ON BEARING STIFFENER AT BENT 1, NO SECTION LOSS.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST IN SCATTERED LOCATIONS THROUGHOUT LENGTH OF BEAM.	3	100	100	Square Feet

General Comments

Span 2 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	140	68	72	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(13) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL.	2	70	70	Feet
330	Distortion	STEEL POSTS 11 AND 12 HAVE BEEN CRUSHED DUE TO IMPACT DAMAGE.	2	2		Feet

General Comments

Span 2 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	140	96	44	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(19) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	19		Feet
330	Damage	28 FT OF IMPACT DAMAGE SCATTERED THROUGHOUT SPAN.	2	25	25	Feet

General Comments

Span 2 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	140	0	103	37	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(37) VERTICAL WRAPAROUND CRACKS UP TO 1/16" WIDE, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	3	37	37	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	93		Feet
331	Exposed Rebar	(2) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6", SOUTH FACE OF RAIL NEAR BENT 2, NO MEASURABLE SECTION LOSS.	2	2	2	Feet
331	Exposed Rebar	(8) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6", NORTH FACE OF RAIL, SCATTERED THROUGHOUT SPAN, NO MEASURABLE SECTION LOSS.	2	8	8	Feet

General Comments

Span 2 — Expansion Joint

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	59	14	26	19	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	18" LONG TRANSVERSE CRACK UP TO 1/8" WIDE IN LEFT WHEEL LINE OF LEFT EASTBOUND LANE.	3	2	2	Feet
302	Adjacent Deck or Header	SPAN 2 SIDE HEADER IN LEFT EASTBOUND LANE IS SEPARATED FROM ADJACENT SPAN 2 CONCRETE DECK BY UP TO 1/2" FOR APPROXIMATELY 14 FT BEGINNING AT MEDIAN RAIL.	3	14	14	Feet
302	Adjacent Deck or Header	UNSOUND AND SPALLED ASPHALT PATCH IN JOINT HEADER ON SPAN 2 SIDE, LEFT EDGE OF RIGHT EASTBOUND LANE, SPALL IN PATCH IS 2.5" X 1 FT X UP TO 3" DEEP, NO EXPOSED REINFORCEMENT.	3	3	3	Feet
302	Adjacent Deck or Header	6" LONG TRANSVERSE CRACK AND 6" LONG LONGITUDINAL CRACK , BOTH UP TO 1/16" WIDE SCATTERED IN JOINT HEADER IN RIGHT WHEEL LINE OF RIGHT EASTBOUND LANE ON SPAN 2 SIDE OF JOINT	2	2		Feet
302	Seal Adhesion	MISSING JOINT MATERIAL FOR 12 FT LONG IN EASTBOUND LANES.	2	24		Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 1 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS RUST STAINING.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	3	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 4 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 2 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION ON BOTTOM EDGE OF MASONRY PLATE, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	3	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	3	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 4 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION ON MASONRY PLATE AND PACK RUST BETWEEN MASONRY PLATE AND ROCKER, NO MEASURABLE SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 4 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 4 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	5	2	3	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS CORROSION WITH PACK RUST	3	1	1	Each

		BETWEEN MASONRY PLATE AND ROCKER, NO SECTION LOSS.				
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	5	3	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 4 BEARING HAS CORROSION WITH PACK RUST, NO SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 5 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 ANCHOR BOLT NUTS HAVE PAINTED OVER SECTION LOSS. CORROSION ARRESTED.	2			Each
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION, NO MEASURABLE SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 4 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 6 INTERMEDIATE BEARING AT BENT 2 HAS PAINTED OVER PITTING UP TO 1/4" DEEP ON MASONRY PLATE, CORROSION HAS BEEN ARRESTED.	2	1		Each

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS PAINTED OVER SECTION LOSS ON ANCHOR BOLT NUTS. CORROSION ARRESTED	2			Each
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION, NO MEASURABLE SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

311	Corrosion	BENT 4 BEARING HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS STARTING TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 7 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Near Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	3	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	BENT 1 BEARING HAS SURFACE CORROSION, NO MEASURABLE SECTION LOSS.	2	1		Each
311	Corrosion	BENT 1 BEARING, PAINTED OVER SECTION LOSS ON ANCHOR BOLT NUTS. CORROSION ARRESTED	2			Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	3	3	Square Feet

General Comments

Span 2 — Far Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION WITH SECTION LOSS UP TO 1.5" DIAMETER X 2" DEEP.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING IS HAS FAILED, CORROSION PRESENT.	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 8 INTERMEDIATE BEARING AT BENT 2 HAS SURFACE CORROSION WITH PAINTED OVER SECTION LOSS ON BOLT NUTS, NO NEW SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 2 INTERMEDIATE BEARING AT BENT 3 HAS ARRESTED SECTION LOSS ON NUTS AND MASONRY PLATE STIFFENERS.	2	1		Each

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	5	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 3 INTERMEDIATE BEARING AT BENT 3 HAS ARRESTED SECTION LOSS.	2	1		Each

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 4 INTERMEDIATE BEARING AT BENT 3 HAS SURFACE CORROSION, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	3	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 5 INTERMEDIATE BEARING AT BENT 3 HAS ARRESTED SECTION LOSS ON BEARING, SURFACE CORROSION ON MASONRY PLATE, NO NEW SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 6 INTERMEDIATE BEARING AT BENT 3 HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 7 INTERMEDIATE BEARING AT BENT 3 HAS FRECKLED RUST	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2, BEAM 8 INTERMEDIATE BEARING AT BENT 3 HAS SURFACE CORROSION AND PAINTED OVER SECTION LOSS UP TO 1/8" DEEP. EXISTING SECTION LOSS HAS BEEN ARRESTED, NO NEW SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 2 — Intermediate Bearing

Rocker Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	5	2	0	3	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SPAN 2 BEAM 1 INTERMEDIATE BEARING AT BENT 3 HAS ARRESTED SECTION LOSS AND RUST STAINING OVER EXISTING SECTION LOSS, NO NEW SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	3	3	Square Feet

General Comments

Span 3 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	10,133	4,320	3,268	2,545	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	MAP CRACKING UP TO 1/32" WIDE SCATTERED THROUGHOUT UNDERSIDE OF BAY 7.	3	800	800	Square Feet
12	Cracking (RC and Other)	TOP OF THE DECK, EASTBOUND AND WESTBOUND LANES, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.	3	1,600	1,600	Square Feet
12	Delamination/Spall	6 FT LONG X 6" X 4" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF DECK ABOVE TOP FLANGE AT MIDSPAN, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.	3	6	6	Square Feet
12	Delamination/Spall	6 FT X 6" X 3" SPALL IN HAUNCH ABOVE GIRDER 8, BAY 7 SIDE, NO EXPOSED REINFORCEMENT.	3	6	6	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, BAY 3, 10" DIAMETER X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT AT BENT 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	HAUNCH ABOVE GIRDER 8, 6 FT X 6" X 3" DEEP SPALL AT BENT 3, NO EXPOSED REINFORCEMENT.	3	6	6	Square Feet
12	Delamination/Spall	TOP OF DECK, WESTBOUND LANES, SCATTERED DELAMINATIONS THROUGHOUT SPAN ALONG CENTERLINE OF ROADWAY.	3	30	30	Square Feet

12	Delamination/Spall	UNDERSIDE OF DECK, BAY 1 HAS 20" DIAMETER DELAMINATION ABOVE BOLTED FIELD SPLICE.	3	2	2	Square Feet
12	Patched Areas	DECK UNDERSIDE, BAY 5 NEAR MIDSPAN, EXPOSED REINFORCEMENT AND SPALLS UP TO 4" DEEP AROUND PERIMETER OF PATCH, NO SECTION LOSS IN EXPOSED REINFORCEMENT.	3	16	16	Square Feet
12	Patched Areas	DECK UNDERSIDE, BAY 6 NEAR MIDSPAN, RUST STAINING WITH WATER LEAKAGE AND EFFLORESCENCE AROUND PERIMETER OF PATCH.	3	16	16	Square Feet
12	Patched Areas	UNDERSIDE OF DECK, BAY 4, UNSOUND AND LEAKING PATCH WITH EXPOSED REINFORCEMENT AND SPALLING UP TO 4" DEEP. UP TO FULL WIDTH OF BAY X 4 FT LONG, NO SECTION LOSS OF EXPOSED REINFORCEMENT, NEAR MIDSPAN.	3	30	30	Square Feet
12	Patched Areas	UNDERSIDE OF DECK, BAY 7, LEAKAGE WITH EFFLORESCENCE AND HAIRLINE MAP CRACKING THROUGHOUT PATCH.	3	32	32	Square Feet
12	Cracking (RC and Other)	(14) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	14		Square Feet
12	Cracking (RC and Other)	(22) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	22		Square Feet
12	Cracking (RC and Other)	DECK UNDERSIDE IN BAY 2 HAS HAIRLINE MAP CRACKING FOR 30 FT LONG X FULL WIDTH OF BAY WITH ACTIVE LEAKAGE, BEGINNING AT BENT 2.	2	240	240	Square Feet
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES, (25) TRANSVERSE HAIRLINE CRACKS, UP TO 12 FT LONG SCATTERED THROUGHOUT LEFT LANE.	2	300		Square Feet
12	Cracking (RC and Other)	TRANSVERSE HAIRLINE CRACKS UP TO FULL BAY WIDTH, SOME WITH EFFLORESCENCE, SCATTERED THROUGHOUT UNDERSIDE OF DECK.	2	2,100		Square Feet
12	Patched Areas	TOP OF DECK, SOUND PATCHES SCATTERED THROUGHOUT EASTBOUND AND WESTBOUND LANES.	2	120		Square Feet
12	Patched Areas	TOP OF DECK, SOUND PATCHES UP TO 5 FT X 1 FT SCATTERED THROUGHOUT SPAN.	2	20		Square Feet
12	Patched Areas	TOP OF THE DECK, WESTBOUND LANES, 2 FT X 2 FT UNSOUND ASPHALT PATCH AT CENTERLINE OF ROADWAY NEAR BENT 2. PATCH HAS SPALLED UP TO 4" DEEP, NO EXPOSED REINFORCEMENT.	2	4		Square Feet
12	Patched Areas	UNDERSIDE OF DECK HAS FULL WIDTH X UP TO 3 FT LONG SOUND REPAIR IN ALL BAYS AT MIDSPAN.	2	168		Square Feet
12	Patched Areas	UNDERSIDE OF DECK, SOUND PATCH FOR 5 FT LONG X FULL BAY WIDTH IN ALL BAYS AT BENT 3.	2	280		Square Feet

General Comments

Span 3 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	160	0	160	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(10) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL FOR FULL LENGTH OF SPAN.	2	160	160	Feet

General Comments

Span 3 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	160	121	39	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(14) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	14		Feet
330	Damage	25 FT OF IMPACT DAMAGE SCATTERED THROUGHOUT SPAN.	2	25	25	Feet

General Comments

Span 3 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	160	0	120	40	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(40) VERTICAL WRAPAROUND CRACKS UP TO FULL HEIGHT, UP TO 1/16" WIDE, SCATTERED THROUGHOUT LENGTH OF SPAN.	3	40	40	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	100		Feet
331	Exposed Rebar	(18) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6" HIGH, SCATTERED THROUGHOUT NORTH FACE OF BARRIER, NO MEASURABLE SECTION LOSS.	2	18	18	Feet
331	Exposed Rebar	(2) VERTICAL REINFORCING BARS EXPOSED UP TO 6" IN SOUTH FACE OF BARRIER NEAR MIDSPAN, NO MEASURABLE SECTION LOSS.	2	2	2	Feet

General Comments

Span 4 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	8,867	2,640	4,511	1,716	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	SPAN 4 TOP OF THE DECK HAS 1 SQ. FT. AREA OF 1/16 INCH WIDE MAP CRACKING AT CENTERLINE OF ROADWAY AT MID-SPAN FOR A TOTAL OF 220 SQ. FT. OF CRACKING THRU OUT THE TOP OF THE WEST AND EAST BOUND LANES	3	220	220	Square Feet
12	Cracking (RC and Other)	TOP OF THE DECK, EASTBOUND AND WESTBOUND LANES, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.	3	1,400	1,400	Square Feet
12	Delamination/Spall	(3) DELAMINATIONS ALONG CENTERLINE OF WESTBOUND LANES, TOTALLING 2 FT X 8".	3	2	2	Square Feet
12	Delamination/Spall	10 FT X 6" X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN DECK HAUNCH ABOVE GIRDER 1 AT MIDSPAN WITH ADJACENT AREAS OF MAP CRACKING UP TO 1/16" WIDE, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	10	10	Square Feet
12	Delamination/Spall	2 FT X 6" X 2" DEEP SPALL IN LEFT OVERHANG AT BENT 4, NO EXPOSED REINFORCEMENT.	3	2	2	Square Feet

12	Delamination/Spall	8 FT X 1 FT X UP TO 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN LEFT OVERHANG WITH UP TO 50% SECTION LOSS IN EXPOSED REINFORCEMENT ON 4 DECK REINFORCING BARS.	3	8	8	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 10" DIAMETER X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF DECK IN BAY 1, APPROXIMATELY 30 FT FROM BENT 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 18" X 10" DELAMINATION IN BAY 2, NO EXPOSED REINFORCEMENT, APPROXIMATELY 30 FT FROM BENT 3.	3	2	2	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 9" X 6" X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF DECK, BAY 1, 6 FT FROM BENT 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, BAY 4, SPALL WITH EXPOSED REINFORCEMENT, 14" X 14" X 4" DEEP WITH EXPOSED MAIN REINFORCEMENT, APPROXIMATELY 60 FT FROM BENT 4, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.	3	2	2	Square Feet
12	Patched Areas	DECK UNDERSIDE, BAY 4, UNSOUND PATCHED AREA WITH EXPOSED REBAR, 4 FT X 2 FT WITH SPALLS UP TO 10" X 2" X 4" DEEP, NO SECTION LOSS, NEAR MIDSPAN.	3	8	8	Square Feet
12	Patched Areas	SPAN 4, BOTTOM OF THE DECK HAS 5 FT. WIDE TRANSVERSE PATCHED AREAS IN ALL BAYS AT MID-SPAN	3	60	60	Square Feet
12	Cracking (RC and Other)	(16) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	16		Square Feet
12	Cracking (RC and Other)	(19) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	19		Square Feet
12	Cracking (RC and Other)	DECK UNDERSIDE, HAIRLINE MAP CRACKING WITH AREAS OF EFFLORESCENCE IN BAY 6 FOR FULL LENGTH OF BAY 6, SCATTERED THROUGHOUT BAY 1, BAY 2, BAY 3, BAY 5.	2	1,800		Square Feet
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES, (10) TRANSVERSE HAIRLINE CRACKS, UP TO 12 FT LONG SCATTERED THROUGHOUT LEFT LANE.	2	120		Square Feet
12	Cracking (RC and Other)	TRANSVERSE HAIRLINE CRACKS, SOME WITH EFFLORESCENCE UP TO FULL BAY WIDTH SCATTERED THROUGHOUT UNDERSIDE OF DECK.	2	2,000		Square Feet
12	Cracking (RC and Other)	UNDERSIDE OF LEFT OVERHANG, TRANSVERSE HAIRLINE CRACKS UP TO FULL WIDTH OF OVERHANG, SPACED AT APPROXIMATELY 3 FT CENTERS.	2	35		Square Feet
12	Exposed Rebar	DECK UNDERSIDE, EXPOSED REINFORCEMENT FOR 5 FT LONG AT EDGE OF PATCH IN UNDERSIDE OF BAY 8 AT MIDSPAN, NO SECTION LOSS.	2	5	5	Square Feet
12	Patched Areas	DECK UNDERSIDE, 4 FT X 4 FT PLYWOOD FORM LEFT IN PLACE, UNDERSIDE OF BAY 1, APPROXIMATELY 30 FT FROM BENT 3.	2	16		Square Feet
12	Patched Areas	DECK UNDERSIDE, 5 FT LONG REPAIR TO DECK UNDERSIDE IN ALL BAYS.	2	400		Square Feet
12	Patched Areas	TOP OF DECK, SOUND PATCHES SCATTERED THROUGHOUT SPAN 4, 90 SQUARE FEET IN WESTBOUND LANES.	2	100		Square Feet
12	Patched Areas	6" DIAMETER SOUND PATCHES IN TOP OF BOTH PARAPETS AT 7 FT SPACES THROUGHOUT FULL LENGTH OF SPAN.	1	42		Square Feet

General Comments

Span 4 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	140	0	140	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(11) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL FOR FULL LENGTH OF SPAN.	2	140	140	Feet

General Comments

Span 4 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	140	123	13	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	SPALLS WITH EXPOSED ANCHOR RODS UP TO 18" X 8" X 4" AT RAIL POSTS 6 AND 8, NO SECTION LOSS OF EXPOSED ANCHOR RODS.	3	4	4	Feet
330	Damage	(13) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	13		Feet

General Comments

Span 4 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	140	0	102	38	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(38) FULL HEIGHT WRAPAROUND CRACKS UP TO 1/16" WIDE SCATTERED THROUGHOUT LENGTH OF SPAN.	3	38	38	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	92		Feet
331	Exposed Rebar	(10) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6" HIGH IN NORTH AND SOUTH FACE OF BARRIER NEAR BENT 4, NO MEASURABLE SECTION LOSS.	2	10	10	Feet

General Comments

Span 5 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,800	1,502	1,685	613	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	DECK UNDERSIDE, 3.5 FT HORIZONTAL CRACK UP TO 1/8" WIDE AT BENT JOINT IN BAY 7.	3	4	4	Square Feet

12	Cracking (RC and Other)	TOP OF THE DECK, EASTBOUND AND WESTBOUND LANES, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.	3	600	600	Square Feet
12	Delamination/Spall	18" X 16" X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF SOUTH OVERHANG AT BENT 5, NO MEASUREABLE SECTION LOSS.	3	1	1	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 10" DIAMETER X 3" DEEP SPALL IN BAY 4 WITH EXPOSED REINFORCEMENT AT DECK JOINT, NO SECTION LOSS OF EXPOSED REINFORCEMENT	3	1	1	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 14" X 2" X 3" SPALL WITH EXPOSED REINFORCEMENT IN BAY 7 AT BENT JOINT, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	2	2	Square Feet
12	Delamination/Spall	DECK UNDERSIDE, 2" X 4" X 1" DEEP SPALL IN BAY 4 AT DECK JOINT, NO EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Delamination/Spall	UNDERSIDE OF DECK, 3 FT X 16" DELAMINATION WITH SPALLING UP TO 1" DEEP WITH EXPOSED REINFORCEMENT, NO SECTION LOSS.	3	3	3	Square Feet
12	Delamination/Spall	UNDERSIDE OF RIGHT OVERHANG AT BENT 4 HAS A SPALL, 14 INCHES X 14 INCHES X 1.5 INCHES DEEP WITH EXPOSED REBAR, NO MEASUREABLE SECTION LOSS.	3	1	1	Square Feet
12	Cracking (RC and Other)	(3) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	3		Square Feet
12	Cracking (RC and Other)	(9) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	9		Square Feet
12	Cracking (RC and Other)	HAIRLINE MAP CRACKING SCATTERED THROUGHOUT UNDERSIDE OF DECK.	2	1,400		Square Feet
12	Cracking (RC and Other)	TOP OF DECK, EASTBOUND LANES, (4) TRANSVERSE HAIRLINE CRACKS, UP TO 12 FT LONG SCATTERED THROUGHOUT LEFT LANE.	2	48		Square Feet
12	Cracking (RC and Other)	TRANSVERSE HAIRLINE CRACKS UP TO 6 FT LONG, SOME WITH EFFLORESCENCE, SCATTERED THROUGHOUT UNDERSIDE OF DECK.	2	200		Square Feet
12	Exposed Rebar	SPAN 5 BOTTOM OF RIGHT OVERHANG, AT BENT 5 HAS A 12 INCH X 22 INCH SPALL X 1 INCH DEEP WITH REBAR EXPOSED, NO MEASUREABLE SECTION LOSS	2	2	2	Square Feet
12	Patched Areas	SPAN 5 TOP OF THE DECK HAS A PATCH, 3 FT. X 6 FT. 5 FT. FROM THE RIGHT CURB AND 10 FROM BENT 5	2	15		Square Feet
12	Patched Areas	TOP OF DECK, SOUND PATCHES SCATTERED THROUGHOUT SPAN.	2	8		Square Feet

General Comments

Span 5 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	0	60	0	0	Feet
515	Steel Protective Coating	600	540	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED SURFACE CORROSION ALONG BOTTOM FLANGE FOR FULL LENGTH OF SPAN, NO SECTION LOSS.	2	59		Feet
107	Corrosion	SURFACE CORROSION ON TOP FLANGE FOR 1 FT LONG AT BENT 4, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SURFACE CORROSION ON TOP FLANGE FOR 18" LONG AT BENT 5, NO SECTION LOSS.	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	60	60	Square Feet

General Comments

Span 5 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	58	2	0	0	Feet
515	Steel Protective Coating	600	584	0	16	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 4. AREA OF SECTION LOSS IS 6" LONG X 3" WIDE X 0.48" THICKNESS REMAINING, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
107	Corrosion	SURFACE CORROSION ON EDGES OF BOTTOM FLANGE FOR 5" LONG AT BENT 4, NO SECTION LOSS.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	16	16	Square Feet

General Comments

Span 5 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	59	1	0	0	Feet
515	Steel Protective Coating	600	588	12	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 4. AREA OF SECTION LOSS IS 6" LONG X 3" WIDE WITH 0.38" THICKNESS REMAINING. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	12	12	Square Feet

General Comments

Span 5 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	59	1	0	0	Feet
515	Steel Protective Coating	600	595	0	5	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED SURFACE CORROSION IN BOTTOM FLANGE AT BENT 4, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SURFACE CORROSION IN BAY 4 BENT DIAPHRAGM AT BENT 4, NO SECTION LOSS.	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	5	5	Square Feet

General Comments

Span 5 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	48	11	1	0	Feet
515	Steel Protective Coating	600	585	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SURFACE CORROSION WITH SECTION LOSS IN BOTTOM FLANGE AT BENT 5. AREA OF SECTION LOSS IS 1 FT LONG X 4" WIDE WITH 0.45" THICKNESS REMAINING.	3	1	1	Feet
107	Corrosion	PAINTED OVER SECTION LOSS AT BENT 5 BEARING. AREA OF SECTION LOSS IS 1 FT LONG X 3" WIDE WITH 0.42" THICKNESS REMAINING, SECTION LOSS HAS BEEN ARRESTED.	2	1		Feet
107	Corrosion	SCATTERED SURFACE CORROSION THROUGHOUT BOTTOM FLANGE, NO SECTION LOSS.	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet

General Comments

Span 5 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	48	12	0	0	Feet
515	Steel Protective Coating	600	588	0	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	2 FT OF SURFACE CORROSION ON BOTTOM FLANGE AT BENT 4, NO SECTION LOSS.	2	2		Feet
107	Corrosion	SCATTERED SURFACE CORROSION ALONG BOTTOM FLANGE, NO SECTION LOSS.	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	12	12	Square Feet

General Comments

Span 5 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	47	13	0	0	Feet
515	Steel Protective Coating	600	588	0	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	3.5 FT OF SURFACE CORROSION ON BOTTOM FLANGE, NO SECTION LOSS.	2	4		Feet
107	Corrosion	SCATTERED SURFACE CORROSION ALONG BOTTOM FLANGE FROM MIDSPAN TO BENT 5, NO SECTION LOSS.	2	9		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	12	12	Square Feet

General Comments

Span 5 — Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	60	44	16	0	0	Feet
515	Steel Protective Coating	600	580	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED SURFACE CORROION ALONG EDGES OF BOTTOM FLANGE FROM MIDSPAN TO BENT 5, NO SECTION LOSS.	2	16		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	20	20	Square Feet

General Comments

Span 5 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	60	0	60	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(11) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL FOR FULL LENGTH OF SPAN.	2	60	60	Feet

General Comments

Span 5 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	60	48	12	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(12) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	12		Feet

General Comments

Span 5 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	60	0	45	15	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(15) FULL HEIGHT WRAPAROUND CRACKS UP TO 1/16" WIDE SCATTERED THROUGHOUT LENGTH OF SPAN.	3	15	15	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	43		Feet
331	Exposed Rebar	(2) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 4", 15 FT FROM BENT 5, NO MEASURABLE SECTION LOSS.	2	2	2	Feet

General Comments

Span 5 — Expansion Joint

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	59	44	8	7	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Seal Damage	4" LONG TEAR IN JOINT MATERIAL IN LEFT WHEEL LINE OF RIGHT EASTBOUND LANE.	3	1	1	Feet
302	Seal Damage	SCATTERED TEARING THROUGHOUT SEAL IN WESTBOUND TRAVEL LANES.	3	6	6	Feet
302	Seal Adhesion	SCATTERED LOSS OF ADHESION IN WESTBOUND TRAVEL LANES.	2	2		Feet
302	Seal Adhesion	SCATTERED LOSS OF ADHESION THROUGHOUT EASTBOUND LANES, LESS THAN 50% OF JOINT DEPTH.	2	6		Feet

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	2	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	PAINTED OVER PACK RUST ON BEARING, NO SECTION LOSS, CORROSION HAS BEEN ARRESTED.	2	1		Each

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	2	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	PAINTED OVER PACK RUST, NO MEASURABLE SECTION LOSS.	2	1		Each

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST.	3	2	2	Square Feet

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 5 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION WITH PACK RUST ON BEARING, NO SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 5 — Far Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,800	2,923	30	847	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	TOP OF THE DECK, EASTBOUND AND WESTBOUND LANES, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.	3	600	600	Square Feet
12	Cracking (RC and Other)	UNDERSIDE OF DECK HAS MAP CRACKING UP TO 1/32" WITH SCATTERED AREAS OF EFFLORESCENCE, SCATTERED THROUGHOUT UNDERSIDE OF BAY 2.	3	240	240	Square Feet
12	Delamination/Spall	(2) SPALLS UP TO 2 FT X 6" X 2" IN TOP FACE OF CURB, ONE AT MIDSPAN, ONE 10 FT FROM END BENT 2, NO EXPOSED REINFORCEMENT.	3	4	4	Square Feet
12	Delamination/Spall	18" X 16" X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF SOUTH OVERHANG AT BENT 5, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	2	2	Square Feet
12	Delamination/Spall	UNDERSIDE OF SOUTH OVERHANG HAS 8" DIAMETER X 1" DEEP SPALL WITH EXPOSED REINFORCEMENT AT BENT 5, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	1	1	Square Feet
12	Cracking (RC and Other)	(6) VERTICAL HAIRLINE CRACKS IN RIGHT CURB UP TO FULL HEIGHT OF THE CURB SCATTERED THROUGHOUT SPAN.	2	6		Square Feet
12	Cracking (RC and Other)	UNDERSIDE OF DECK, (3) TRANSVERSE CRACKS UP TO FULL BAY WIDTH WITH EFFLORESCENCE SCATTERED THROUGHOUT BAY 4.	2	24	24	Square Feet

General Comments

Span 6 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	58	1	0	0	Feet
515	Steel Protective Coating	592	577	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SURFACE CORROSION ON TOP FLANGE FOR 1 FT AT BENT 5, NO SECTION LOSS.	2	1		Feet

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet

General Comments

Span 6 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	46	12	1	0	Feet
515	Steel Protective Coating	592	580	12	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE FOR 6" LONG X 4" WIDE WITH 0.22" THICKNESS REMAINING AT BENT 5. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	3	1	1	Feet
107	Corrosion	SPAN 6, BEAM 2 HAS 12 FT. OF FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	12		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	12	12	Square Feet

General Comments

Span 6 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	43	16	0	0	Feet
515	Steel Protective Coating	592	577	15	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN THE WEB AT BENT 5. AREA OF SECTION LOSS IS 10" LONG X 12" HIGH WIHT 9/16" THICKNESS REMAINING, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
107	Corrosion	SPAN 6, BEAM 3 HAS 15 FT. OF FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	2	15	15	Square Feet

General Comments

Span 6 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	43	16	0	0	Feet
515	Steel Protective Coating	592	577	0	15	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN THE WEB AT BEAM END AT BENT 5. AREA OF SECTION LOSS IS 10" LONG X 12" HIGH X 9/16" THICKNESS REMAINING IN WEB. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
107	Corrosion	SCATTERED FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	15		Feet

515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	15	15	Square Feet

General Comments

Span 6 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	47	12	0	0	Feet
515	Steel Protective Coating	592	580	0	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	12		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	12	12	Square Feet

General Comments

Span 6 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	45	14	0	0	Feet
515	Steel Protective Coating	592	578	0	14	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SCATTERED FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	14		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	14	14	Square Feet

General Comments

Span 6 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	43	16	0	0	Feet
515	Steel Protective Coating	592	577	0	15	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 5. AREA OF SECTION LOSS IS 3" X 2" X 0.5" THICKNESS REMAINING. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.	2	1		Feet
107	Corrosion	SCATTERED FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	15	15	Square Feet

General Comments

Span 6 — Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	43	16	0	0	Feet
515	Steel Protective Coating	592	576	0	16	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1 FT OF SURFACE CORROSION ON TOP FLANGE AT BENT 5, NO SECTION LOSS.	2	1		Feet
107	Corrosion	SCATTERED FRECKLED RUST ON THE EDGES OF THE FLANGES THRU OUT THE LENGTH OF THE BEAM	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	16	16	Square Feet

General Comments

Span 6 — Left Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	60	0	60	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(6) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2			Feet
330	Damage	IMPACT DAMAGE SCATTERED THROUGHOUT LENGTH OF RAIL FOR FULL LENGTH OF SPAN.	2	60	60	Feet

General Comments

Span 6 — Right Bridge Rail

Steel Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing	60	52	8	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
330	Damage	(8) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.	2	8		Feet

General Comments

Span 6 — Expansion Joint

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	59	30	24	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	2.5 FT X 6" X UP TO 1/2" DEEP SPALL IN SPAN 6 SIDE OF HEADER OF RIGHT EASTBOUND LANE, NO EXPOSED REINFORCEMENT.	3	3	3	Feet
302	Debris Impaction	2 FT X 1 FT SOUND PATCH IN SPAN 6 SIDE HEADER NEAR CENTER OF WESTBOUND LANES, JOINT MOVEMENT RESTRICTED.	3	2	2	Feet
302	Debris Impaction	ASPHALT SCATTERED THROUGHOUT JOINT IN	2	24		Feet

WESTBOUND LANES, JOINT MOVEMENT NOT AFFECTED.

General Comments

Span 6 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	60	0	46	14	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	(14) FULL HEIGHT VERTICAL WRAPRAOUND CRACKS UP TO 1/16" WIDE SCATTERED THROUGHOUT SPAN.	3	14	14	Feet
331	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.	2	43		Feet
331	Exposed Rebar	(3) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 3" IN SOUTH FACE OF RAIL NEAR MIDSPAN, NO EXPOSED REINFORCEMENT.	2	3	3	Feet

General Comments

Span 6 — Far Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION WITH PACK RUST ON BEARING, NO SECTION LOSS.	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

Span 6 — Far Bearing

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
515	Steel Protective Coating	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST ON BEARING, NO SECTION LOSS.	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS STARTED TO FAIL DUE TO RUST	3	2	2	Square Feet

General Comments

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	75	69	4	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	3 FT DIAGONAL CRACK WITH EFFLORESCENCE UP TO 1/16" WIDE IN BACKWALL OF BAY 7.	3	2	2	Feet
215	Cracking (RC and Other)	(4) DIAGONAL HAIRLINE CRACKS WITH EFFLORESCENCE UP TO 2 FT LONG IN BACKWALL OF BAY 1.	2	4		Feet

General Comments

End Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	0	40	26	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Delamination/Spall	1 FT DIAMETER X 1/2" DEEP SPALL IN SPAN 1 FACE OF CAP WITH 3 FT LONG X 1 FT HIGH DELAMINATION WITH RUST STAINING AND HORIZONTAL CRACK UP TO 1/4" WIDE, NO EXPOSED REINFORCEMENT.	3	4	4	Feet
234	Delamination/Spall	3 FT LONG X 1 FT HIGH DELAMINATION IN SPAN 1 FACE OF CAP WITH HORIZONTAL CRACKS UP TO 1/4" WIDE AND RUST STAINING, OUTSIDE OF GIRDER 1.	3	3	3	Feet
234	Delamination/Spall	3 FT X FULL HEIGHT X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 1 FACE OF CAP BELOW BAY 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.	3	3	3	Feet
234	Delamination/Spall	6 FT LONG X FULL HEIGHT X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 1 FACE OF CAP BELOW BAY 2, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.	3	6	6	Feet
234	Delamination/Spall	TOP AND FACE OF CAP HAS AN AREA OF DELAMINATION IN BAY 7 NEAR BEAM 7, 4 FT. LONG X 9 INCHES ACROSS THE TOP X 7 INCHES DOWN THE FACE WITH 1/2 INCH SEPARATION	3	4	4	Feet
234	Exposed Rebar	END BENT 1, FACE OF CAP HAS A SPALL IN BAY 2, 6 FT. LONG X 11 INCHES WIDE X 3 INCHES DEEP WITH EXPOSED REBAR, NO MEASUREABLE SECTION LOSS	3	6	6	Feet
234	Efflorescence/Rust Staining	ACTIVE LEAKAGE ONTO TOP OF CAP FOR FULL LENGTH OF CAP.	2	40		Feet

General Comments

Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	61	23	19	19	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	18" HIGH VERTICAL CRACK UP TO 1/8" WIDE IN SOUTH FACE OF CAP STEP BELOW GIRDER 8.	3	1	1	Feet
234	Cracking (RC and Other)	BENT 1 CAP, SPAN 2 SIDE HAS A 1/16 INCH WIDE LONGITUDINAL CRACK, X 3 FT. LONG IN THE FACE OF	3	3	3	Feet

		THE CAP IN BAY 1, NEAR TOP EDGE WITH RUST STAINS				
234	Delamination/Spall	(2) 10" DIAMETER DELAMINATIONS ON UNDERSIDE OF CAP BELOW GIRDER 6.	3	2	2	Feet
234	Delamination/Spall	14" X 10" DELAMINATION ON SPAN 2 FACE OF CAP TO THE LEFT OF GIRDER 1 BEARING.	3	2	2	Feet
234	Delamination/Spall	31" X 2 FT DELAMINATION ON SPAN 2 FACE OF CAP BELOW GIRDER 6.	3	5	5	Feet
234	Delamination/Spall	4 FT X 21" DELAMINATION IN TOP OF CAP BELOW BAY 1 ON SPAN 2 SIDE, DELAMINATION IS BELOW GIRDER 1 BEARING FOR 7".	3	4		Feet
234	Efflorescence/Rust Staining	18" HIGH RUST STAIN ON SPAN 2 FACE OF CAP BELOW BAY 4.	3	1	1	Feet
234	Exposed Rebar	SPALL IN SPAN 2 FACE OF CAP UNDER BEAM 3, 10" IN DIAMETER X 3/4" DEEP WITH REBAR EXPOSED, NO SECTION LOSS.	3	1	1	Feet
234	Cracking (RC and Other)	1 FT DIAMETER DELAMINATION ON SPAN 2 FACE OF CAP BELOW GIRDER 5 WITH 18" VERTICAL HAIRLINE CRACK.	2	1		Feet
234	Cracking (RC and Other)	2 FT HORIZONTAL HAIRLINE CRACK IN SPAN 2 SIDE OF CAP AT BOTTOM, BELOW BAY 6.	2	2		Feet
234	Cracking (RC and Other)	5 FT VERTICAL CRACK UP TO 1/32" WIDE IN SPAN 2 SIDE OF CAP STEP BEHIND GIRDER 6. SIMILAR CRACKS BEHIND GIRDER 5, BELOW BAY 4, BELOW BAY 3.	2	4		Feet
234	Delamination/Spall	3" X 2" X 1/4" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 2 FACE OF CAP STEP BELOW BAY 4, NO EXPOSED REINFORCEMENT.	2	1	1	Feet
234	Efflorescence/Rust Staining	RUST STAINS ON CAP BELOW GIRDER 1.	2	1		Feet
234	Patched Area	4 FT X 8" X 29" SOUND PATCH ON SPAN 2 FACE OF CAP AND UNDERSIDE BELOW BAY 4.	2	4		Feet
234	Patched Area	SOUND PATCH IN UNDERSIDE OF CAP BELOW GIRDER 5, 7" X 20" X 24".	2	6		Feet

General Comments

Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	60	0	22	38	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	BENT 2 CAP, SPAN 3 SIDE HAS A 1/32 INCH WIDE LONGITUDINAL CRACK IN THE FACE OF THE CAP, NEAR TOP EDGE, UNDER BEAM 5, 6 FT. LONG	3	6	6	Feet
234	Delamination/Spall	10" X 10" DELAMINATION WITH 3" DIAMETER X 1/2" DEEP SPALL IN TOP OF CAP AT GIRDER 8, SPAN 2 SIDE, NO EXPOSED REINFORCEMENT.	3	1	1	Feet
234	Delamination/Spall	SPAN 3 FACE OF CAP HAS 4 FT X 3.5 FT DELAMINATION BELOW GIRDER 7.	3	14	14	Feet
234	Delamination/Spall	SPAN 3 FACE, (2) DELAMINATIONS 20" IN DIAMETER BELOW BAY 3.	3		4	Feet
234	Delamination/Spall	SPAN 3 FACE, DELAMINATION IN THE FACE OF THE CAP IN BAY 3, 12" IN DIAMETER, 2 FT BELOW THE TOP OF THE CAP	3	1	1	Feet
234	Delamination/Spall	SPAN 3 FACE, DELAMINATION IN THE FACE OF THE CAP IN BAY 3, 18" INCHES X 24" WITH 1/8" SEPARATION	3	1	2	Feet
234	Patched Area	HAIRLINE MAP CRACKING IN UNSOUND PATCH FOR 2.5 FT HIGH X 15 FT LONG BELOW GIRDER 8, SPAN 3 SIDE OF CAP.	3	15	15	Feet
234	Patched Area	SPAN 3 FACE, 5 FT X 4.5 FT UNSOUND PATCH WITH HAIRLINE MAP CRACKING BELOW GIRDER 5.	3		20	Feet
234	Cracking (RC and Other)	(2) VERTICAL HAIRLINE CRACKS UP TO 7" HIGH IN SPAN 2 FACE OF CAP BELOW GIRDER 6.	2			Feet
234	Cracking (RC and Other)	1 FT HIGH VERTICAL HAIRLINE CRACK IN SPAN 2 FACE OF CAP AT TOP CORNER BELOW GIRDER 3.	2			Feet

234	Cracking (RC and Other)	14" HIGH VERTICAL CRACK IN PATCH ON SPAN 2 FACE OF CAP BELOW GIRDER 5.	2			Feet
234	Cracking (RC and Other)	14" HORIZONTAL HAIRLINE CRACK BELOW GIRDER 7 BEARING AT SOUND PATCH, SPAN 2 SIDE.	2	1		Feet
234	Cracking (RC and Other)	3 FT HIGH VERTICAL HAIRLINE CRACK BELOW GIRDER 7 BEARING.	2			Feet
234	Cracking (RC and Other)	8" HORIZONTAL HAIRLINE CRACK IN SPAN 2 FACE OF CAP BELOW BAY 3.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE OF CAP, 2.5 FT HORIZONTAL HAIRLINE CRACK BELOW BAY 5.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE, 17" HORIZONTAL HAIRLINE CRACK NEAR TOP OF CAP IN BELOW BAY 3.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE, 3 FT VERTICAL HAIRLINE CRACK BELOW BAY 1.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE, 3 FT VERTICAL HAIRLINE CRACK BELOW GIRDER 2.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE, 5 FT HORIZONTAL HAIRLINE CRACK BELOW BAY 4.	2			Feet
234	Cracking (RC and Other)	SPAN 3 FACE, HORIZONTAL HAIRLINE VERTICAL CRACK UNDER BEAM 2 IN THE FACE OF THE CAP, 4 FT LONG	2	1		Feet
234	Patched Area	BENT 2 CAP, SPAN 2 SIDE HAS 20 FT. OF SOUND PATCHES IN THE FACE OF THE CAP	2	20		Feet
234	Patched Area	SCATTERED SOUND PATCHES THROUGHOUT BOTH FACES OF CAP.	2			Feet

General Comments

Bent 2 — Pile 1

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	
205	Delamination/Spall	(2) DELAMINATIONS UP TO 18" DIAMETER ON WEST FACE OF COLUMN AT THE MIDDLE STRUT.	3	1	4	Each
205	Cracking (RC and Other)	2 FT HORIZONTAL CRACK AT TOP EDGE OF WEST FACE OF MIDDLE STRUT.	2			Each
205	Cracking (RC and Other)	8 FT HIGH VERTICAL HAIRLINE CRACK IN NORTH FACE OF COLUMN, NEAR TOP.	2			Each
205	Patched Area	BENT 2, PILE 1 HAS BEEN PATCHED ON THE NORTHWEST AND SOUTHWEST CORNERS, PATCHES ARE SOUND	2			Each

General Comments

End Bent 2 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	73	64	7	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Delamination/Spall	1 FT X 4" DELAMINATION IN BACKWALL OF BAY 2 AT GIRDER 3, SIMILAR IN BAY 6 AT GIRDER 6.	3	2	2	Feet
215	Cracking (RC and Other)	(2) DIAGONAL CRACKS UP TO 3 FT LONG WITH EFFLORESCENCE IN BACKWALL OF BAY 1.	2	6		Feet
215	Cracking (RC and Other)	DIAGONAL CRACK UP TO 1 FT LONG WITH EFFLORESCENCE IN BACKWALL OF BAY 2.	2	1		Feet
215	Cracking (RC and Other)	DIAGONAL HAIRLINE CRACK UP TO 18" LONG WITH EFFLORESCENCE IN BACKWALL OF BAY 7.	2			Feet

General Comments

End Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	0	0	66	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HORIZONTAL CRACK IN SPAN 6 FACE OF CAP FOR FULL WIDTH OF CAP, UP TO 1/4" WIDE.	3	50	50	Feet
234	Delamination/Spall	3 FT LONG DELAMINATION IN TOP OF CAP BELOW BAY 5, DELAMINATION EXTENDS 8" INTO VERTICAL FACE AND 1 FT INTO TOP FACE OF CAP.	3	3	3	Feet
234	Delamination/Spall	3 FT X 6" DELAMINATION IN SPAN 6 FACE OF CAP, EXTENDING 15" INTO TOP FACE OF CAP BELOW BAY 3.	3	3	3	Feet
234	Delamination/Spall	DELAMINATION IN SPAN 6 FACE OF CAP, DELAMINATION IS FULL WIDTH OF BAY X 1 FT HIGH WITH RUST STAINING, BELOW BAY 7.	3		8	Feet
234	Delamination/Spall	DELAMINATION IN SPAN 6 FACE OF CAP, DELAMINATION IS FULL WIDTH OF BAY X 6" INTO FRONT FACE AND 1 FT INTO TOP OF CAP, BELOW BAY 4.	3	8	8	Feet
234	Delamination/Spall	DELAMINATION IN SPAN 6 FACE OF CAP, DELAMINATION IS FULL WIDTH OF BAY X 8" INTO FRONT FACE AND 1 FT INTO TOP OF CAP, BELOW BAY 6.	3	2	8	Feet

General Comments

Bent 3 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	60	0	5	55	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	SPAN 4 FACE, 6 FT X 3 FT AREA OF HAIRLINE MAP CRACKING IN FACE OF CAP BELOW BAY 7 IN PREVIOUSLY PATCHED AREA.	3	6	18	Feet
234	Delamination/Spall	6 FT X 5 FT DELAMINATION IN TOP STRUT NEAR COLUMN 2.	3	2	30	Feet
234	Delamination/Spall	7 FT X 8" DELAMINATION ON SPAN 3 FACE OF TOP STRUT, NEAR COLUMN 1.	3		7	Feet
234	Delamination/Spall	SPAN 3 FACE, 20" X 12" DELAMINATION BELOW BAY 7 AT TOP OF COLUMN.	3	2	2	Feet
234	Delamination/Spall	SPAN 3 FACE, 3.5 FT X 1.5 FT DELAMINATION BELOW GIRDER 8.	3	5	5	Feet
234	Delamination/Spall	SPAN 3 SIDE, TOP FACE OF CAP, 2 FT X 8" X 1" DEEP SPALL NEAR GIRDER 1 BEARING, NO EXPOSED REINFORCEMENT.	3	2	2	Feet
234	Delamination/Spall	SPAN 4 FACE HAS A SPALL ON THE FACE OF THE CAP IN BAY 1, 4 FT DOWN FROM THE TOP OF THE CAP, 11" IN DIAMETER X 1.5 INCHES DEEP, NO EXPOSED REINFORCEMENT.	3	1	1	Feet
234	Delamination/Spall	SPAN 4 FACE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 4, 52" X 30" WITH 1/8" SEPARATION	3	3	9	Feet
234	Delamination/Spall	SPAN 4 FACE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, IN BAY 1 AT BOTTOM EDGE, 10 FT LONG X 8" X 8" WITH 1/8"SEPARATION	3	7	10	Feet
234	Delamination/Spall	SPAN 4 FACE, 17" DIAMETER DELAMINATION BELOW GIRDER 6.	3	1	1	Feet
234	Delamination/Spall	SPAN 4 FACE, DELAMINATION IN THE FACE OF THE CAP AT BEAM 6, 16" IN DIAMETER, WITH RUST STAINS	3	1	2	Feet
234	Delamination/Spall	SPAN 4 FACE, DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 1, NEAR BOTTOM EDGE, 20" IN DIAMETER WITH 1/2" DEEP SPALLING, NO EXPOSED	3	1	2	Feet

		REINFORCEMENT.				
234	Delamination/Spall	SPAN 4 FACE, NORTH CORNER, 2 FT LONG X 4 FT HIGH DELAMINATION.	3		2	Feet
234	Patched Area	SPAN 4 FACE, 14 FT LONG X 3.5 FT HIGH UNSOUND PATCH BETWEEN COLUMNS.	3	14	14	Feet
234	Patched Area	SPAN 4 FACE, 3 FT HIGH X 10 FT LONG PATCH WITH HAIRLINE MAP CRACKING THROUGHOUT	3	10	10	Feet
234	Cracking (RC and Other)	SPAN 3 FACE, (4) VERTICAL HAIRLINE CRACKS UP TO 2 FT HIGH SCATTERED THROUGHOUT.	2	4		Feet
234	Cracking (RC and Other)	SPAN 3 FACE, 1 FT LONG HORIZONTAL HAIRLINE CRACK BELOW BAY 7.	2	1		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 1 FT HORIZONTAL HAIRLINE CRACK IN FACE OF CAP ABOVE COLUMN 2.	2			Feet

General Comments

Bent 3 Pile 1

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	
205	Patched Area	28 FT HIGH X 16" X 16" UNSOUND AND DELAMINATING PATCH ON NORTHWEST CORNER OF PILE, BEGINNING NEAR GROUNDLINE. (PRIORITY MAINTENANCE)	3		1	Each
205	Patched Area	45 FT HIGH X FULL FACE DELAMINATING AND UNSOUND PATCHED AREA ON THE EAST FACE, UP TO 1 INCH SEPARATION. (PRIORITY MAINTENANCE)	3	1	35	Each

General Comments

Bent 3 Pile 2

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	
205	Delamination/Spall	16" X 16" DELAMINATION ON NORTHEAST CORNER OF COLUMN AT TOP STRUT.	3		1	Each
205	Delamination/Spall	2 FT DIAMETER X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN WEST FACE OF COLUMN NEAR TOP STRUT, NO SECTION LOSS IN EXPOSED REINFORCEMENT.	3		2	Each
205	Delamination/Spall	2 FT X 1 FT DELAMINATION ON NORTH FACE OF PILE AT TOP OF TOP STRUT.	3		2	Each
205	Delamination/Spall	DELAMINATION ON THE SOUTHWEST CORNER, 20 FT HIGH X 20" WIDE WITH UP TO 3/4 INCH WIDE SEPARATION, STARTING 6 FT. BELOW THE BOTTOM OF THE CAP	3	1	20	Each
205	Delamination/Spall	DELAMINATION ON THE WEST FACE, 20 FT BELOW THE BOTTOM OF THE CAP, 24" IN DIAMETER WITH 1/2" SEPARATION	3		2	Each

General Comments

Bent 4 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	60	11	28	21	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	SPAN 4 FACE, 20" VERTICAL CRACK UP TO 1/8" WIDE WITH RUST STAINING IN CAP STEP OUTSIDE OF GIRDER 8.	3	1	1	Feet
234	Delamination/Spall	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP, 6 FT. UNDER BEAM 3, 36 INCHES X 12 INCHES	3	3	3	Feet
234	Delamination/Spall	SPAN 4 FACE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 4 FT X 3 FT.	3	3	3	Feet
234	Delamination/Spall	SPAN 4 FACE, 2.5 FT X 1 FT DELAMINATION IN STEP OUTSIDE OF GIRDER 8.	3	3	3	Feet
234	Delamination/Spall	SPAN 4 FACE, 3 FT X 2 FT DELAMINATION ABOVE COLUMN 1.	3	6	6	Feet
234	Delamination/Spall	SPAN 5 FACE, 1 FT X 1 FT DELAMINATING AND UNSOUND PATCH BELOW GIRDER 1.	3	1	1	Feet
234	Delamination/Spall	SPAN 5 FACE, 3 FT X 1 FT DELAMINATING AND UNSOUND PATCH BELOW GIRDER 3.	3	3		Feet
234	Patched Area	BENT 4 CAP, SPAN 5 SIDE HAS AN AREA OF DELAMINATED PATCHED AREA IN THE FACE OF THE CAP, 6 FT. UNDER BEAM 2, 10 INCHES X 12 INCHES	3	1	1	Feet
234	Cracking (RC and Other)	18" VERTICAL HAIRLINE CRACK IN TOP OF CAP BELOW BAY 6, SPAN 5 SIDE.	2	2		Feet
234	Cracking (RC and Other)	6 FT X 3 FT AREA OF HAIRLINE MAP CRACKING IN UNDERSIDE OF SOUTH OVERHANG.	2	6		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 2 FT HORIZONTAL HAIRLINE CRACK OUTSIDE OF GIRDER 8.	2	2		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 2 FT VERTICAL HAIRLINE CRACK BELOW GIRDER 3.	2	1		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 3 FT HORIZONTAL HAIRLINE CRACK BELOW GIRDER 6.	2	3		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 3 FT HORIZONTAL HAIRLINE CRACK IN BAY 1 CAP STEP.	2	3		Feet
234	Cracking (RC and Other)	SPAN 4 FACE, 4 FT VERTICAL HAIRLINE CRACKS IN CAP STEP IN BAY 4 AND BAY 2.	2	2		Feet
234	Cracking (RC and Other)	SPAN 5 FACE, 1 FT X 1 FT AREA OF HAIRLINE MAP CRACKING IN FACE OF CAP BELOW GIRDER 2.	2	1		Feet
234	Cracking (RC and Other)	SPAN 5 FACE, 2 FT VERTICAL HAIRLINE CRACK IN NEAR NORTH FACE OF CAP.	2	1		Feet
234	Cracking (RC and Other)	SPAN 5 FACE, 5 FT VERTICAL HAIRLINE CRACK NEAR GIRDER 3.	2	1		Feet
234	Delamination/Spall	SPAN 4 FACE, 2" DIAMETER X 1/2" DEEP SPALL BELOW BAY 4, NO EXPOSED REINFORCEMENT.	2	1	1	Feet
234	Patched Area	SPAN 4 FACE, 2.5 FT X 2 FT SOUND PATCH WITH RUST STAINING BELOW GIRDER 4.	2	5		Feet

General Comments

Bent 4 Pile 1

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	
205	Cracking (RC and Other)	3 FT HORIZONTAL CRACK UP TO 1/16" WIDE IN BOTTOM OF TOP STRUT.	3		3	Each
205	Delamination/Spall	10" X 5" X 1" DEEP SPALL WITH EXPOSED	3		1	Each

		REINFORCEMENT IN SPAN 5 FACE OF TOP STRUT, NO SECTION LOSS OF EXPOSED REINFORCEMENT.				
205	Delamination/Spall	3 FT X 6" X 6" DELAMINATION ON NORTHEAST CORNER OF COLUMN AT TOP.	3		3	Each
205	Delamination/Spall	4 FT WIDE X 7" HIGH DELAMINATION IN TOP OF SPAN 4 SIDE OF LOWER STRUT.	3		4	Each
205	Delamination/Spall	6" TALL X 5 FT WIDE DELAMINATION IN BOTTOM OF SPAN 4 FACE OF TOP STRUT.	3		5	Each
205	Delamination/Spall	7 FT HIGH X 3 FT WIDE DELAMINATION ON SOUTH FACE OF COLUMN, NEAR TOP.	3		21	Each
205	Delamination/Spall	DELAMINATIONS ON WEST FACE OF BOTH COLUMN CHAMFERS BETWEEN COLUMN AND BOTTOM OF CAP, UP TO 3 FT X 7".	3		5	Each
205	Delamination/Spall	SPAN 5 FACE, 7" DIAMETER DLEMAINATION AT TOP OF COLUMN.	3			Each
205	Patched Area	15 FT X 2 FT X 1 FT DELAMINATED PATCH ON NORTHWEST CORNER AT TOP OF COLUMN.	3	1	30	Each
205	Patched Area	28 FT TALL X 2 FT X 2 FT DELAMINATION AND UNSOUND PATCHING ON SOUTHWEST CORNER EXTENDING FROM BELOW STRUT TO ABOVE STRUT.	3		28	Each
205	Cracking (RC and Other)	HAIRLINE MAP CRACKING THROUGHOUT WEST FACE OF COLUMN NEAR TOP FOR 10 FT HIGH X 2 FT WIDE	2			Each
205	Cracking (RC and Other)	SCATTERED VERTICAL HAIRLINE CRACKS UP TO 1 FT HIGH IN EAST FACE OF COLUMN AT 25 FT HIGH PATCH.	2			Each
205	Cracking (RC and Other)	VERTICAL HAIRLINE CRACK ON WET FACE OF COLUMN, UP TO HALF HEIGHT, NEAR MID HEIGHT OF COLUMN.	2			Each
205	Patched Area	BENT 4, PILE 1 HAS A PATCH ON THE NORTH EAST CORNER, 30 FT. LONG X 2 FT. WIDE, STARTING AT GROUNDLINE	2		30	Each

General Comments

Bent 4 Pile 2

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	
205	Delamination/Spall	10 FT X 9" X 3 FT DELAMINATION ON SOUTH FACE OF COLUMN NEAR TOP.	3		10	Each
205	Delamination/Spall	12 FT HIGH X 2 FT X 1 FT DELAMINATION ON NORTHWEST CORNER OF COLUMN AT TOP.	3	1	12	Each
205	Delamination/Spall	2 FT X 9" X 9" DELAMINATION ON SPAN 4 FACE OF NORTH CHAMFER BETWEEN COLUMN AND CAP.	3		2	Each
205	Cracking (RC and Other)	2 FT HORIZONTAL HAIRLINE CRACK IN SPAN 4 FACE OF TOP STRUT AT COLUMN 2.	2			Each
205	Cracking (RC and Other)	4 FT VERTICAL HAIRLINE CRACK WITH RUST STAINING ON SPAN 4 FACE OF COLUMN AT TOP STRUT.	2			Each
205	Cracking (RC and Other)	8 FT X 2 FT AREA OF TRANSVERSE HAIRLINE CRACKING WITH 1 FT DIAMETER X 1/2" DEEP SPALL IN SPAN 4 FACE OF COLUMN NEAR TOP STRUT, NO EXPOSED REINFORCEMENT.	2			Each
205	Patched Area	7 FT HIGH X 2 FT X 1 FT SOUND PATCH ON NORTHEAST CORNER OF COLUMN.	2			Each

General Comments

Bent 5 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	59	0	19	40	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	SPAN 6 FACE HAS UNSOUND PATCHED AREA WITH 1/8 INCH WIDE LONGITUDINAL CRACKING , 5 FT LONG X 6" DOWN THE FACE AND 3" INTO TOP OF CAP.	3	5	5	Feet
234	Cracking (RC and Other)	SPAN 6 FACE, 3 FT LONGITUDINAL CRACK UP TO 1/16" WIDE IN BAY 3, NEAR BEAM 4	3	3	3	Feet
234	Delamination/Spall	BENT 5 CAP, SPAN 6 SIDE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP IN BAY 5 NEAR BEAM 6, 12 INCHES IN DIAMETER	3	1	1	Feet
234	Delamination/Spall	SPAN 5 FACE, 20" X 9" DELAMINATION ON END OF CAP AT TOP AND BOTTOM OF CAP.	3	1	4	Feet
234	Delamination/Spall	SPAN 5 FACE, DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 4, 3 FT X 1 FT.	3	3	3	Feet
234	Delamination/Spall	SPAN 5 FACE, DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 2, NEAR TOP EDGE, 5 FT X 16 INCHES WITH 1/8 INCH SEPARATION AND RUST STAINING	3	3	3	Feet
234	Delamination/Spall	SPAN 5 FACE,DELAMINATION IN THE FACE OF THE CAP UNDER GIRDER 5, 3.5 FT X 2 FT.	3	4	4	Feet
234	Delamination/Spall	SPAN 6 FACE, DELAMINATION IN THE FACE OF THE CAP IN BAY 4. 5 FT LONG X 1 FT HIGH	3	5	5	Feet
234	Delamination/Spall	SPAN 6 FACE, DELAMINATION IN THE FACE OF THE CAP, IN BAY 2 AT TOP EDGE, 52" LONG X 10" DOWN THE FACE OF THE CAP AND UP TO 12" ACROSS THE TOP, NEAR BEAM 2 WITH 1/16" SEPARATION, BEAM 2 BEARING AREA IS SOUND	3	4	4	Feet
234	Delamination/Spall	SPAN 6 FACE, DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 1, 36 INCHES X 14 INCHES, WITH 1/8" SEPARATION, NEAR THE BOTTOM EDGE AT THE END OF THE CAP	3	3	3	Feet
234	Patched Area	SPAN 6 FACE, UNSOUND PATCHED AREA IN THE FACE OF THE CAP, STARTING AT THE LEFT END OF THE CAP, 104" LONG AND UP TO 16 INCHES HIGH WITH DELAMINAITON AND UP TO 1" WIDE CRACKING	3	8	8	Feet
234	Cracking (RC and Other)	HAIRLINE MAP CRACKING IN SOUTH END OF CAP FOR 3 FT X 3 FT AREA.	2	1		Feet
234	Cracking (RC and Other)	SPAN 5 FACE, 1 FT VERTICAL HAIRLINE CRACK BELOW BAY 3.	2	1		Feet
234	Cracking (RC and Other)	SPAN 5 FACE, 3 FT HORIZONTAL HAIRLINE CRACK BELOW BAY 7.	2	3		Feet
234	Patched Area	SCATTERED SOUND PATCHES THROUGHOUT SPAN 5 FACE OF CAP, 45 TOTAL SQ FT.	2	14		Feet

General Comments

Bent 5 Pile 1

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	
205	Delamination/Spall	4 FT HIGH X 9" X 9" SPALL WITH EXPOSED REINFORCEMENT AND UNSOUND CONCRETE ON NORTHEAST CORNER OF COLUMN BELOW STRUT, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.	3	1	4	Each
205	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACKS SCATTERED THROUGHOUT EAST FACE AT APPROXIMATELY 1 FT	2			Each

CENTERS.

General Comments

Bent 5 Pile 2

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	
205	Patched Area	9 FT X UP TO 9" HIGH UNSOUND PATCH WITH DELAMINATION AND CRACKS UP TO 1/16" WIDE IN TOP OF STRUT BETWEEN COLUMNS 2 AND 3, EAST FACE.	3	1	4	Each
205	Cracking (RC and Other)	2 FT VERTICAL HAIRLINE CRACK IN NORTH FACE OF COLUMN AT CAP.	2			Each
205	Cracking (RC and Other)	2 FT X 2 FT AREA OF HAIRLINE MAP CRACKING IN SOUTH FACE OF COLUMN NEAR CAP.	2			Each
205	Cracking (RC and Other)	HAIRLINE MAP CRACKING IN EAST FACE OF STRUT NEAR COLUMN 2.	2			Each
205	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACKS AT APPROXIMATELY 15" CENETERS SCATTERED THROUGHOUT FULL HEIGHT OF EAST FACE.	2			Each

General Comments

Bent 5 Pile 3

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	
205	Delamination/Spall	2 FT X 10" X 10" DELAMINATION ON SOUTHEAST CORNER OF COLUMN, AT TOP.	3		2	Each
205	Patched Area	4 FT X UP TO 7" HIGH UNSOUND PATCH WITH DELAMINATION AND CRACKS UP TO 1/16" WIDE IN TOP OF STRUT BETWEEN COLUMNS 2 AND 3, EAST FACE.	3	1	4	Each

General Comments

Bent 5 Pile 4

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	
205	Delamination/Spall	DELAMINATION ON THE NORTHEAST CORNER, 1 FT. BELOW THE BOTTOM OF THE CAP, 9" WIDE X 24" HIGH	3	1	2	Each
205	Delamination/Spall	SPALL ON THE NORTHEAST CORNER, STARTING 4 FT. ABOVE GROUND LINE, 7" X 16"HIGH X 3" DEEP	3		2	Each
205	Cracking (RC and Other)	9 FT X 2 FT AREA OF HAIRLINE MAP CRACKING IN BOTTOM OF COLUMN, EAST FACE.	2			Each

General Comments

Approach 1 — Reinforced Concrete Approach Slab 1

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinforced Concrete Approach Slabs	580	580	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

APPROACH SLAB IS NOT VISIBLE DUE TO WEARING SURFACE.

Approach 2

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinforced Concrete Approach Slabs	580	580	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

APPROACH SLAB IS NOT VISIBLE DUE TO WEARING SURFACE.

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3167
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	48
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	50
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	50
Span 1	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	50
Span 1	Expansion Joint	Compression Seal	Compression Joint Seal	59
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8867
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	440
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	440
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	140
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	140
Span 2	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	140
Span 2	Expansion Joint	Compression Seal	Compression Joint Seal	59
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Near Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Far Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 2	Intermediate Bearing	Rocker Bearing	Movable Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	10133
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	160
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	160
Span 3	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	160
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	8867
Span 4	Left Bridge Rail	Steel Rail	Metal Bridge Railing	140
Span 4	Right Bridge Rail	Steel Rail	Metal Bridge Railing	140
Span 4	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	140
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3800
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 6	Plate Girder	Steel Open Girder/Beam	60
Span 5	Beam 7	Plate Girder	Steel Open Girder/Beam	60

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Beam 8	Plate Girder	Steel Open Girder/Beam	60
Span 5	Left Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 5	Right Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 5	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	60
Span 5	Expansion Joint	Compression Seal	Compression Joint Seal	59
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3800
Span 6	Beam 1	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 2	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 3	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 4	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 5	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 6	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 7	Plate Girder	Steel Open Girder/Beam	59
Span 6	Beam 8	Plate Girder	Steel Open Girder/Beam	59
Span 6	Left Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 6	Right Bridge Rail	Steel Rail	Metal Bridge Railing	60
Span 6	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	60
Span 6	Expansion Joint	Compression Seal	Compression Joint Seal	59
Span 6	Expansion Joint	Compression Seal	Compression Joint Seal	59
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 6	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	61
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	75
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	60
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	73
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	60
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	60
Bent 4	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	59
Bent 5	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 5	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 430171 **Inspection Date:** 02/13/2019

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	**8**
Item 62: Culvert	0 - 9 , N	**N**
Item 71: Waterway Adequacy	0 - 9 , N	**8**
Item 72: Approach Roadway Alignment	0 - 9 , N	**8**

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	**F**	**38633**	**3376**
Drainage System	G, F, P, or C	**F**	**500**	**3332**
Utilities	G, F, P, or C			
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		**O**		
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	**14**		
Superstructure Paint Code		**I**		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	**N**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**20**
Traffic Control Time	Hours	**16**
Snooper Time	Hours	**16**
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: 430171 **Inspection Date:** 02/13/2019

Item	Deck - Item 58	**Grade**	5	**Maint Code**		**Qty.**	0
Details	CRACKS AND SPALLS THROUGHOUT TOP AND BOTTOM OF DECK.						
Item	Superstructure - Item 59	**Grade**	5	**Maint Code**		**Qty.**	0
Details	CORROSION, TEMPORARY REPAIRS, AND SECTION LOSS SCATTERED THROUGHOUT SPANS.						
Item	Substructure - Item 60	**Grade**	4	**Maint Code**		**Qty.**	0
Details	LARGE DELAMINATIONS AND DELAMINATIONS IN PATCHES, CRACKS, AND SPALLS SCATTERED THROUGHOUT SUBSTRUCTURE UNITS.						
Item	Priority Maintenance Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	MISSING JOINT COVER PLATE, PACK RUST ON SPLICE PLATE, DELAMINATED PATCHES ON BENT COLUMNS.						
Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	38633
Details	DEBRIS SCATTERED ALONG BOTH SIDES OF MEDIAN RAIL, GUTTERS, AND ON TOP OF BOTH CURBS FOR FULL LENGTH OF BRIDGE.						
Item	Drainage System	**Grade**	F	**Maint Code**	3332	**Qty.**	500
Details	SOME DRAINS OBSTRUCTED BY DECK DEBRIS.						

Span 2 Beam 8: CORROSION WITH PACK RUST ON BOLTED FIELD SPLICE IN SPAN 3. AREA OF CORROSION WITH PACK RUST IS 3" WIDE X 45" LONG WITH VERTICAL DISTORTION UP TO 1/8" ON TOP PLATE OF FIELD SPLICE ON BOTTOM FLANGE, NO MEASURABLE SECTION LOSS. (PRIORITY MAINTENANCE)

Span 2 Beam 3: DIAGONAL LATERAL BRACE IN BAY 3 OF SPAN 3 AT BENT 3 IS NOT ATTACHED TO GIRDER 3. (PRIORITY MAINTENANCE)

Bent 3 Pile 1: 28 FT HIGH X 16" X 16" UNSOUND AND DELAMINATING PATCH ON NORTHWEST CORNER OF PILE, BEGINNING NEAR GROUNDLINE. (PRIORITY MAINTENANCE)

Bent 3 Pile 1: 45 FT HIGH X FULL FACE DELAMINATING AND UNSOUND PATCHED AREA ON THE EAST FACE, UP TO 1 INCH SEPARATION. (PRIORITY MAINTENANCE)

Span 1 Beam 1: SURFACE CORROSION ON EDGE OF TOP FLANGE AT END BENT 1 FOR 20", NO SECTION LOSS.

Span 1 Beam 1: SURFACE RUST ON WEB AND BOTTOM FLANGE AT END BENT 1 FOR 8" LONG, UP TO FULL HEIGHT OF WEB, NO SECTION LOSS.

Span 1 Deck: UNDERSIDE OF LEFT OVERHANG IS CRACKED AND DELAMINATED WITH SCATTERED RUST STAINS FOR FULL LENGTH OF SPAN UP TO 13" WIDE.

Span 1 Deck: UNDERSIDE OF LEFT OVERHANG IS CRACKED AND DELAMINATED WITH SCATTERED RUST STAINS FOR FULL LENGTH OF SPAN UP TO 13" WIDE.

Span 1 Deck: HAIRLINE MAP CRACKING WITH EFFFLORESCENCE IN UNDERSIDE OF DECK, BAY 1, FULL BAY WIDTH X 7 FT LONG AT END BENT 1, SURFACE CONCRETE IS FLAKING AND DELAMINATING.

Span 1 Deck: SPAN 1, BAY 1, UNDERSIDE OF DECK HAS 2 FT X 18" DELAMINATION IN UNDERSIDE OF DECK, BAY 1 AT GIRDER 1, 11.5 FT FROM END BENT 1.

Span 1 Beam 3: SURFACE CORROSION ON THE EDGES OF THE FLANGES SCATTERED THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.

Span 1 Deck: SPAN 1, DECK UNDERSIDE HAS HAIRLINE MAP CRACKING WITH AREAS OF EFFFLORESCENCE IN SCATTERED THROUGHOUT ALL BAYS FOR FULL LENGTH OF SPAN.

Span 1 Deck: SPAN 1, BAY 7 UNDERSIDE OF DECK HAS 4" X 2" X 1" DEEP SPALL AT END BENT 1, NO EXPOSED REINFORCEMENT.

Span 1 Beam 8: SCATTERED SURFACE CORROSION ON THE EDGES OF THE FLANGES THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.

Span 1 Deck: 1 FT X 3" X 1" DEEP SPALL IN UNDERSIDE OF RIGHT OVERHANG AT BENT 1, NO EXPOSED REINFORCEMENT.

Span 2 Beam 8: SPAN 2, SURFACE CORROSION ON THE EDGES OF THE BOTTOM FLANGES SCATTERED THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.

Span 2 Beam 8 Near Bearing: BENT 1 BEARING, PAINTED OVER SECTION LOSS ON ANCHOR BOLT NUTS.

Span 2 Deck: SPAN 2, BAY 2, UNDERSIDE OF DECK HAS HAIRLINE MAP CRACKING WITH EFFLORESCENCE FOR FULL BAY WIDTH X 21 FT LONG BEGINNING AT BENT 1.

Span 2 Beam 8 Near Bearing: BENT 1 ROCKER BEARING 1 IS 1/2" OUT OF VERTICAL ALIGNMENT TOWARD SPAN 2.

Span 2 Beam 6: SPAN 2 HAS FRECKLED SURFACE CORROSION AND RUST ON THE EDGES OF THE FLANGES THROUGHOUT THE LENGTH OF SPAN WITH SCATTERED AREAS OF PAINTED OVER PITTING UP TO 1/16'' DEEP, NO NEW SECTION LOSS.

Span 2 Beam 7 Near Bearing: BENT 1 BEARING HAS PAINTED OVER SECTION LOSS ON ANCHOR BOLT NUTS.

Span 2 Beam 5: 4" LONG CRACK WITH RUST STAINING IN WELD BETWEEN BOTTOM FLANGE AND ROCKER BEARING ON LEFT SIDE OF BOTTOM FLANGE AT BENT 1.

Span 2 Beam 5: ARRESTED SECTION LOSS ON BEARING STIFFENER AND DIAPHRAGM AT BENT 1. AREA OF ARRESTED SECTION LOSS 6" X 15" X MINIMUM 0.3" THICKNESS REMAINING IN BEARING STIFFENER.

Bent 1 Cap 1: 18" HIGH VERTICAL CRACK UP TO 1/8" WIDE IN SOUTH FACE OF CAP STEP BELOW GIRDER 8.

Bent 1 Cap 1: 31" X 2 FT DELAMINATION ON SPAN 2 FACE OF CAP BELOW GIRDER 6.

Bent 1 Cap 1: 5 FT VERTICAL CRACK UP TO 1/32" WIDE IN SPAN 2 SIDE OF CAP STEP BEHIND GIRDER 6. SIMILAR CRACKS BEHIND GIRDER 5, BELOW BAY 4, BELOW BAY 3.

Bent 1 Cap 1: SPALL IN SPAN 2 FACE OF CAP UNDER BEAM 3, 10" IN DIAMETER X 3/4" DEEP WITH REBAR EXPOSED, NO SECTION LOSS.

Bent 1 Cap 1: 1 FT DIAMETER DELAMINATION ON SPAN 2 FACE OF CAP BELOW GIRDER 5 WITH 18" VERTICAL HAIRLINE CRACK.

Bent 1 Cap 1: 18" HIGH RUST STAIN ON SPAN 2 FACE OF CAP BELOW BAY 4.

VEGETATION GROWTH ON CAP AT COLUMN 1 AND BAYS 1, 2, 3.

Bent 1 Cap 1: SPAN 2 HAS SURFACE CORROSION FOR 1 FT LONG ON RIGHT TOP FLANGE, 2 FT LONG ON LEFT TOP FLANGE AT BENT 1 BEARING, NO SECTION LOSS.

Span 2 Beam 1: SPAN 2, BAY 1 DIAPHRAGM AT BENT 1 HAS SURFACE CORROSION SCATTERED THROUGHOUT, NO SECTION LOSS.

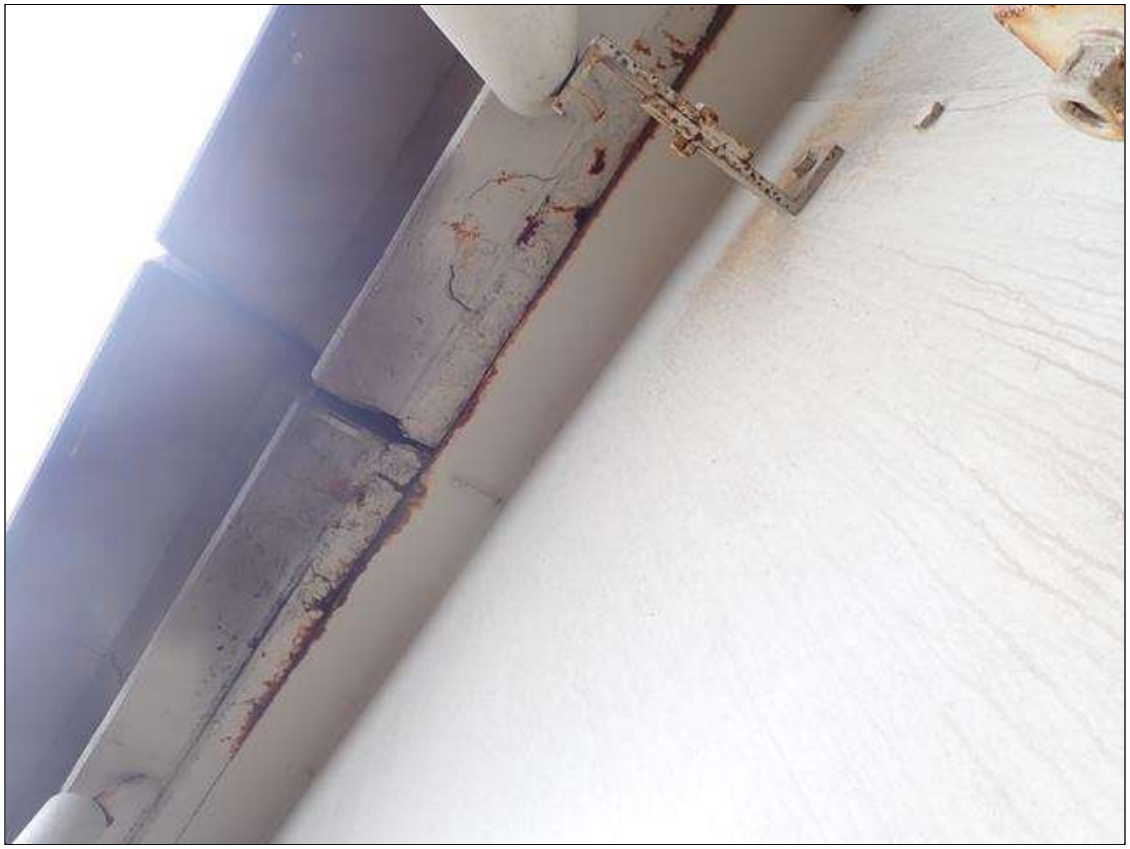
Bent 1 Cap 1: 4 FT X 21'' DELAMINATION IN TOP OF CAP BELOW BAY 1 ON SPAN 2 SIDE, DELAMINATION IS BELOW GIRDER 1 BEARING FOR 7''.

Span 2 Beam 2: SPAN 2, 21 FT LONG BOLTED REPAIR TO BOTTOM FLANGE AND WEB AT MIDSPAN.

Span 2 Beam 2: SPAN 2 HAS TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 8 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION WITH 3/8" COVER PLATE ON WEB AND BOTTOM FLANGE AT AREA OF REPAIR ON BAY 1 SIDE OF GIRDER NEAR MIDSPAN.

Span 2 Beam 2: SPAN 2, 21 FT LONG BOLTED REPAIR TO BOTTOM FLANGE AND WEB AT MIDSPAN.

Span 2 Beam 1: SPAN 2, HAS SCATTERED FRECKLED CORROSION ON THE EDGES OF THE BOTTOM FLANGES THROUGHOUT THE LENGTH OF THE BEAM, NO SECTION LOSS.



Span 2 Beam 1: SPAN 2, SURFACE CORROSION ON LEFT SIDE OF TOP FLANGE FOR 15 FT LONG NEAR MIDSPAN, NO SECTION LOSS.

Span 2 Beam 1: SPAN 2 HAS TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 8 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION WITH 3/8" COVER PLATE ON WEB AND BOTTOM FLANGE AT AREA OF REPAIR ON BAY 1 SIDE OF GIRDER NEAR MIDSPAN.

Span 2 Beam 1: SPAN 2, TEMPORARY REPAIR TO INTERMEDIATE DIAPHRAGM IN BAY 1 NEAR MIDSPAN.

Span 2 Deck: SPAN 2, BAYS 3, 5, 6, 7 HAVE DECK UNDERSIDE HAS TEMPORARY SOUND CONCRETE REPAIRS FOR UP 20 FT LONG X UP TO FULL WIDTH OF BAY NEAR MIDSPAN.

SPAN 2, BAY 3 DECK UNDERSIDE HAS TEMPORARY SOUND CONCRETE REPAIRS FOR 20 FT LONG X UP TO FULL WIDTH OF BAY NEAR MIDSPAN.

Span 2 Deck: SPAN 2, DECK UNDERSIDE BAY 4 HAS FULL BAY WIDTH UNSOUND REPAIR WITH HAIRLINE CRACKING AND EFFLORESCENCE NEAR MIDSPAN.

Span 2 Beam 6: SPAN 2, RIGHT SIDE OF TOP FLANGE AT MIDSPAN, 2 FT OF SURFACE CORROSION, NO SECTION LOSS.

Span 2 Deck: SPAN 2, BAY 6 DECK UNDERSIDE HAS HAIRLING MAP CRACKING FOR 9 FT LONG X FULL BAY WIDTH AT MIDSPAN.

Span 2 Beam 8: SPAN 2, 8 FT OF SURFACE CORROSION ON BOTH EDGES OF TOP FLANGE AT MIDSPAN, NO SECTION LOSS.

Span 2 Deck: SPAN 2 HAUNCH ABOVE GIRDER 8 HAS 15 FT LONG X 6" X 3" DEEP SPALL ABOVE GIRDER AT MIDSPAN, NO EXPOSED REINFORCEMENT.

Span 2 Beam 8: SPAN 2 BEAM 8 AT BENT 2 BEARING HAS PAINTED OVER SECTION LOSS IN BOTTOM FLANGE FOR 2.5 FT LONG X 2" WIDE ON RIGHT SIDE OF FLANGE WITH 1.4" THICKNESS REMAINING, AND 2 FT LONG X UP TO 1 FT HIGH WEB PITTING UP TO 1/8" DEEP IN LEFT SIDE OF WEB, SECTION LOSS HAS BEEN ARRESTED, SURFACE CORROSION ON NEW PAINT, NO NEW SECTION LOSS.

Bent 2 Cap 1: 10" X 10" DELAMINATION WITH 3" DIAMETER X 1/2" DEEP SPALL IN TOP OF CAP AT GIRDER 8, SPAN 2 SIDE, NO EXPOSED REINFORCEMENT.

Span 2 Beam 5: TEMPORARY REPAIR TO WEB AT GIRDER 5 BEARING. REPAIR IS FULL WEB HEIGHT X 1/2" THICK X 20" LONG IN SPAN 2 AND SPAN 3.

Span 2 Beam 1: SPAN 2, SURFACE CORROSION ON TOP FLANGE AT BENT 2 FOR 10 FT LONG X 2" WIDE ON LEFT SIDE AND 6 FT LONG X 2" WIDE ON RIGHT SIDE, NO SECTION LOSS.

Span 2 Beam 1: SPAN 2 HAS ARRESTED SECTION LOSS ON LEFT SIDE OF BOTTOM FLANGE AT BENT 2. AREA OF SECTION LOSS IS 4 FT LONG X 3" WIDE X 1.3" THICKNESS REMAINING, SECTION LOSS HAS BEEN PAINTED OVER WITH SURFACE RUST ON EXISTING SECTION LOSS, NO NEW SECTION LOSS.

Bent 2 Cap 1: SPAN 3 FACE OF CAP HAS 4 FT X 3.5 FT DELAMINATION BELOW GIRDER 7.

Bent 2 Pile 2: 5 FT VERTICAL HAIRLINE CRACK IN PATCH IN NORTHEAST CORNER OF COLUMN.

Bent 2 Pile 2: 2 FT DIAMETER DELAMINATION ON TOP STRUT AT COLUMN 2.

Bent 2 Cap 1: SPAN 3 FACE, 3 FT VERTICAL HAIRLINE CRACK BELOW GIRDER 2.

Span 3 Deck: UNDERSIDE OF DECK, BAY 1 HAS 20" DIAMETER DELAMINATION ABOVE BOLTED FIELD SPLICE.

Span 2 Beam 2: SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 40 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8" THICK WEB PLATE, NEAR MIDSPAN.

Span 2 Beam 1: SPAN 3, TEMPORARY REPAIR ON BOTTOM FLANGE AND WEB FOR 22 FT LONG X 8" X 8" X 1" THICK ANGLE SECTION AND TEMPORARY REPAIR TO WEB FOR 40 FT LONG WITH 2 FT TALL X 3/8" THICK WEB PLATE, NEAR MIDSPAN.

Span 2 Beam 5: SPAN 3, SURFACE CORROSION ON EDGES OF TOP FLANGE FOR 8 FT LONG AT MIDSPAN, NO SECTION LOSS.

Span 2 Beam 5: SPAN 3, SURFACE CORROSION ON BOTTOM FLANGE FOR 23 FT LONG AT MIDSPAN BELOW TEMPORARY REPAIR, NO SECTION LOSS.

Span 2 Beam 4: SPAN 3, SURFACE CORROSION ON UNDERSIDE AND EDGES OF BOTTOM FLANGE FOR 23 FT LONG AT MIDSPAN, NO SECTION LOSS.

Span 3 Deck: UNDERSIDE OF DECK, BAY 4, UNSOUND AND LEAKING PATCH WITH EXPOSED REINFORCEMENT AND SPALLING UP TO 4" DEEP. UP TO FULL WIDTH OF BAY X 4 FT LONG, NO SECTION LOSS OF EXPOSED REINFORCEMENT, NEAR MIDSPAN.

Span 3 Deck: DECK UNDERSIDE, BAY 5 NEAR MIDSPAN, EXPOSED REINFORCEMENT AND SPALLS UP TO 4" DEEP AROUND PERIMETER OF PATCH, NO SECTION LOSS IN EXPOSED REINFORCEMENT.

Span 2 Beam 6: SPAN 3, SURFACE CORROSION ON LEFT EDGE OF TOP FLANGE AT MIDSPAN, NO SECTION LOSS.

Span 3 Deck: DECK UNDERSIDE, BAY 6 NEAR MIDSPAN, RUST STAINING WITH WATER LEAKAGE AND EFFLORESCENCE AROUND PERIMETER OF PATCH.

Span 2 Beam 8: SPAN 3, SURFACE CORROSION ON BOTH SIDES OF TOP FLANGE FOR 15 FT LONG AT MIDSPAN, NO SECTION LOSS.

Span 3 Deck: 6 FT LONG X 6'' X 4'' DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF DECK ABOVE TOP FLANGE AT MIDSPAN, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.

Span 2 Beam 8: SPAN 3, ARRESTED SECTION LOSS IN BOTTOM FLANGE FOR 14 FT LONG X 3" WIDE X 0.45" THICKNESS REMAINING, BEGINNING AT MIDSPAN IN THE DIRECTION OF SPAN 3. SURFACE RUST ON EXISTING SECTION LOSS, NO NEW SECTION LOSS.

Span 3 Deck: HAUNCH ABOVE GIRDER 8, 6 FT X 6" X 3" DEEP SPALL AT BENT 3, NO EXPOSED REINFORCEMENT.

Span 2 Beam 8: SPAN 3, PAINTED OVER SECTION LOSS IN TOP OF BOTTOM FLANGE AT BENT 3, SCATTERED PITTING UP TO 1/4" DEEP FOR 1 FT, CORROSION HAS BEEN ARRESTED.

Span 2 Beam 8 Intermediate Bearing: SPAN 2, BEAM 8 INTERMEDIATE BEARING AT BENT 3 HAS SURFACE CORROSION AND PAINTED OVER SECTION LOSS UP TO 1/8" DEEP. EXISTING SECTION LOSS HAS BEEN ARRESTED, NO NEW SECTION LOSS.

Bent 3 Cap 1: SPAN 3 SIDE, 3.5 FT X 1.5 FT DELAMINATION BELOW GIRDER 8.

Bent 3 Pile 2: BENT 3, PILE 2 HAS AN AREA OF DELAMINATION ON THE SOUTHWEST CORNER, 20 FT. HIGH X 20 INCHES WIDE WITH UP TO 3/4 INCH WIDE SEPARATION, STARTING 6 FT. BELOW THE BOTTOM OF THE CAP

Bent 3 Pile 2: 2 FT DIAMETER X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN WEST FACE OF COLUMN NEAR TOP STRUT, NO SECTION LOSS IN EXPOSED REINFORCEMENT.

SOUTHEAST GUARDRAIL IS NOT ATTACHED TO RIGHT BRIDGE RAIL AT END BENT 2.

Span 1 Deck: 6" DIAMETER SOUND PATCHES IN TOP OF BOTH PARAPETS AT 7 FT SPACES THROUGHOUT FULL LENGTH OF SPAN.

DEBRIS UP TO 2" DEEP AND UP TO 1.5 FT WIDE SCATTERED ON TOP OF RIGHT CURB FOR FULL LENGTH OF BRIDGE, LEFT CURB SIMILAR.

Span 1 Deck: TOP OF DECK, EASTBOUND LANES HAVE MAP CRACKING UP TO 1/16'' WIDE AT 2 FT CENTERS THROUGHOUT RIGHT TRAVEL LANE.

Span 1 Deck: TOP OF DECK, EASTBOUND LANES. (8) TRANSVERSE CRACKS UP TO 12 FT LONG, UP TO 1/16'' WIDE SCATTERED THROUGHOUT LEFT LANE.

DEBRIS UP TO 1 FT WIDE, 2" DEEP ALONG BARRIER RAIL IN EASTBOUND AND WESTBOUND LANES FOR FULL LENGTH OF BRIDGE.

Span 1 Median Rail: (15) VERTICAL WRAPAROUND CRACKS UP TO 1/16" WIDE, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.

Span 1 Median Rail: HAIRLINE MAP CRACKING THROUGHOUT LOWER 3 FT OF RAIL, SCATTERED THROUGHOUT FULL LENGTH OF SPAN.

Span 1 Median Rail: JOINT COVER PLATE IN RAIL IS MISSING. (PRIORITY MAINTENANCE)

Span 2 Median Rail: (2) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6", SOUTH FACE OF RAIL NEAR BENT 2, NO MEASURABLE SECTION LOSS.

Span 3 Median Rail: (40) VERTICAL WRAPAROUND CRACKS UP TO FULL HEIGHT, UP TO 1/16" WIDE, SCATTERED THROUGHOUT LENGTH OF SPAN.

Span 3 Median Rail: (2) VERTICAL REINFORCING BARS EXPOSED UP TO 6" IN SOUTH FACE OF BARRIER NEAR MIDSPAN, NO MEASURABLE SECTION LOSS.

Span 3 Median Rail: (18) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6" HIGH, SCATTERED THROUGHOUT NORTH FACE OF BARRIER, NO MEASURABLE SECTION LOSS.

Span 3 Median Rail: (18) VERTICAL REINFORCING BARS EXPOSED FOR UP TO 6'' HIGH, SCATTERED THROUGHOUT NORTH FACE OF BARRIER, NO MEASURABLE SECTION LOSS.

End Bent 1 Expansion Joint : ASPHALT AND DEBRIS SCATTERED THROUGHOUT LENGTH OF JOINT, IMPACT NOT AFFECTED.

Bent 1 Expansion Joint : MISSING JOINT MATERIAL FOR 12 FT LONG IN EASTBOUND LANES.

Bent 1 Expansion Joint : UNSOUND AND SPALLED ASPHALT PATCH IN JOINT HEADER ON SPAN 2 SIDE, LEFT EDGE OF RIGHT EASTBOUND LANE, SPALL IN PATCH IS 2.5" X 1 FT X UP TO 3" DEEP, NO EXPOSED REINFORCEMENT.

Bent 1 Expansion Joint : 18'' LONG TRANSVERSE CRACK UP TO 1/8'' WIDE IN LEFT WHEEL LINE OF LEFT EASTBOUND LANE.

Bent 1 Expansion Joint : 6'' LONG TRANSVERSE CRACK AND 6'' LONG LONGITUDINAL CRACK , BOTH UP TO 1/16'' WIDE SCATTERED IN JOINT HEADER IN RIGHT WHEEL LINE OF RIGHT EASTBOUND LANE ON SPAN 2 SIDE OF JOINT

Bent 4 Expansion Joint : SCATTERED LOSS OF ADHESION THROUGHOUT EASTBOUND LANES, LESS THAN 50% OF JOINT DEPTH.

Span 5 Deck: TOP OF DECK, SOUND PATCHES SCATTERED THROUGHOUT SPAN.

Bent 4 Expansion Joint : 4" LONG TEAR IN JOINT MATERIAL IN LEFT WHEEL LINE OF RIGHT EASTBOUND LANE.

End Bent 2 Expansion Joint : 2.5 FT X 6" X UP TO 1/2" DEEP SPALL IN SPAN 6 SIDE OF HEADER OF RIGHT EASTBOUND LANE, NO EXPOSED REINFORCEMENT.

End Bent 2 Expansion Joint : ASPHALT SCATTERED THROUGHOUT JOINT IN WESTBOUND LANES, JOINT MOVEMENT NOT AFFECTED.

End Bent 2 Expansion Joint : 2 FT X 1 FT SOUND PATCH IN SPAN 6 SIDE HEADER NEAR CENTER OF WESTBOUND LANES, JOINT MOVEMENT RESTRICTED.

Bent 4 Expansion Joint : SCATTERED TEARING THROUGHOUT SEAL IN WESTBOUND TRAVEL LANES.

End Bent 1 Expansion Joint : ASPHALT PATCHES SCATTERED THROUGHOUT HEADERS ON BOTH SIDES OF EXPANSION JOINT ARE RESTRICTING JOINT MOVEMENT.

End Bent 1 Expansion Joint : WESTBOUND LANE, SPAN 1 SIDE, 6" X 6" X 4" DEEP SPALL IN HEADER AT LEFT BRIDGE RAIL, NO EXPOSED REINFORCEMENT.

Span 6 Deck: TOP OF THE DECK, SCATTERED TRANSVERSE CRACKS UP TO 20 FT LONG, UP TO 1/16" WIDE SPACED AT APPROXIMATELY 4 FT ON CENTER THROUGHOUT LENGTH OF SPAN.

Span 4 Deck: (3) DELAMINATIONS ALONG CENTERLINE OF WESTBOUND LANES, TOTALLING 2 FT X 8".

Span 3 Deck: TOP OF THE DECK, WESTBOUND LANES, 2 FT X 2 FT UNSOUND ASPHALT PATCH AT CENTERLINE OF ROADWAY NEAR BENT 2. PATCH HAS SPALLED UP TO 4" DEEP, NO EXPOSED REINFORCEMENT.

Span 2 Deck: SCATTERED SOUND PATCHES THROUGHOUT TOP OF DECK.

Span 2 Deck: WESTBOUND LANES, TOP OF DECK, 10 FT X 1 FT DELAMINATION AT MIDSPAN.

Span 1 Right Bridge Rail: (10) WRAPAROUND HAIRLINE CRACKS IN CONCRETE RAIL, UP TO FULL HEIGHT, SCATTERED THROUGHOUT SPAN.

Span 2 Right Bridge Rail: 28 FT OF IMPACT DAMAGE SCATTERED THROUGHOUT SPAN.

Span 4 Right Bridge Rail: SPALLS WITH EXPOSED ANCHOR RODS UP TO 18" X 8" X 4" AT RAIL POSTS 6 AND 8, NO SECTION LOSS OF EXPOSED ANCHOR RODS.

Span 4 Right Bridge Rail: SPALLS WITH EXPOSED ANCHOR RODS UP TO 18" X 8" X 4" AT RAIL POSTS 6 AND 8, NO SECTION LOSS OF EXPOSED ANCHOR RODS.

Span 6 Deck: (2) SPALLS UP TO 2 FT X 6" X 2" IN TOP FACE OF CURB, ONE AT MIDSPAN, ONE 10 FT FROM END BENT 2, NO EXPOSED REINFORCEMENT.

Span 2 Left Bridge Rail: POSTS 11 AND 12 HAVE BEEN CRUSHED DUE TO IMPACT DAMAGE.

End Bent 1 Cap 1: 3 FT LONG X 1 FT HIGH DELAMINATION IN SPAN 1 FACE OF CAP WITH HORIZONTAL CRACKS UP TO 1/4" WIDE AND RUST STAINING, OUTSIDE OF GIRDER 1.

End Bent 1 Abutment/Backwall : (4) DIAGONAL HAIRLINE CRACKS WITH EFFLORESCENCE UP TO 2 FT LONG IN BACKWALL OF BAY 1.

End Bent 1 Cap 1: 1 FT DIAMETER X 1/2" DEEP SPALL IN SPAN 1 FACE OF CAP WITH 3 FT LONG X 1 FT HIGH DELAMINATION WITH RUST STAINING AND HORIZONTAL CRACK UP TO 1/4" WIDE, NO EXPOSED REINFORCEMENT.

End Bent 1 Cap 1: 3 FT X FULL HEIGHT X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 1 FACE OF CAP BELOW BAY 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.

End Bent 1 Cap 1: 6 FT LONG X FULL HEIGHT X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 1 FACE OF CAP BELOW BAY 2, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.

Span 1 Deck: UNDERSIDE OF DECK, BAY 3 HAS AN AREA OF DELAMINATION, 4.5 FT. FROM END BENT 1, 18" X 30", WITH ADJACENT SPALLING UP TO 1/2" DEEP, NO EXPOSED REINFORCEMENT.

End Bent 2 Cap 1: HORIZONTAL CRACK IN SPAN 6 FACE OF CAP FOR FULL WIDTH OF CAP, UP TO 1/4" WIDE.

End Bent 2 Abutment/Backwall : 1 FT X 4'' DELAMINATION IN BACKWALL OF BAY 2 AT GIRDER 3, SIMILAR IN BAY 6 AT GIRDER 6.

End Bent 2 Cap 1: 3 FT X 6'' DELAMINATION IN SPAN 6 FACE OF CAP, EXTENDING 15'' INTO TOP FACE OF CAP BELOW BAY 3.

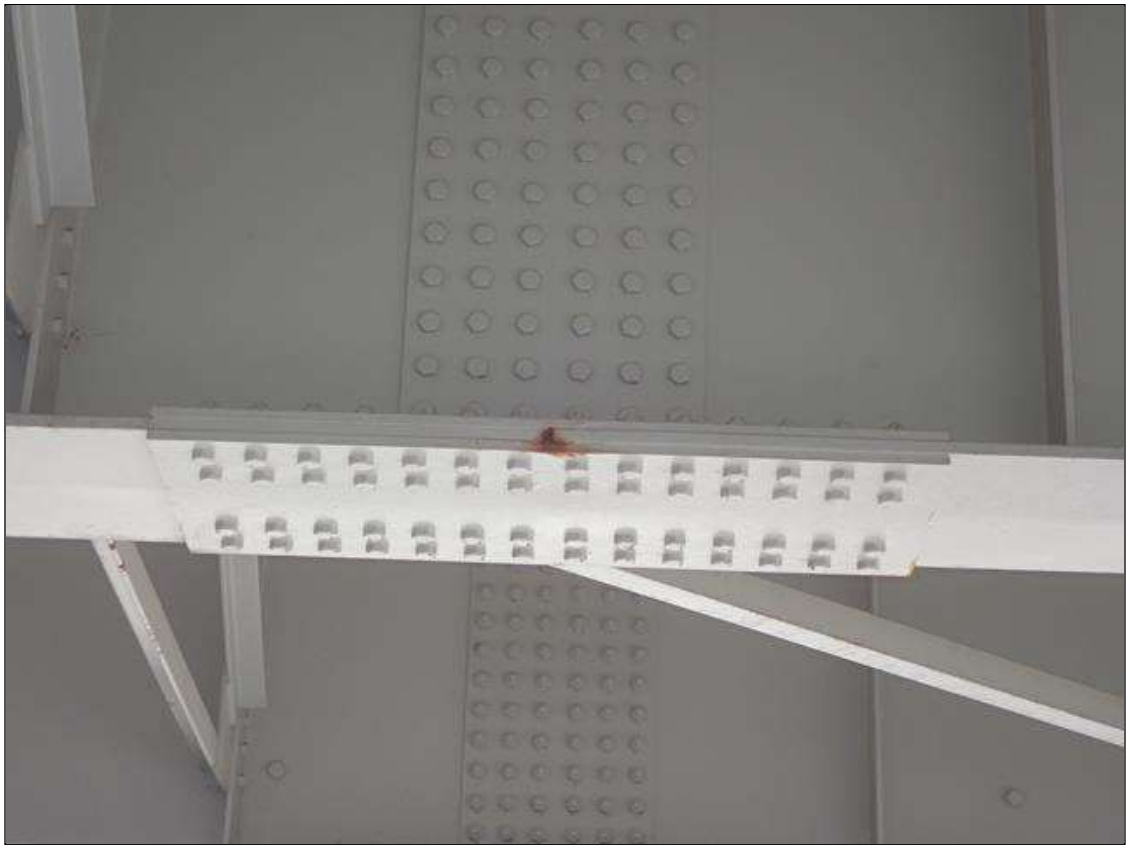
End Bent 2 Cap 1: DELAMINATION IN SPAN 6 FACE OF CAP, DELAMINATION IS FULL WIDTH OF BAY X 6" INTO FRONT FACE AND 1 FT INTO TOP OF CAP, BELOW BAY 4.

Span 6 Deck: UNDERSIDE OF DECK HAS MAP CRACKING UP TO 1/32" WITH SCATTERED AREAS OF EFFLORESCENCE, SCATTERED THROUGHOUT UNDERSIDE OF BAY 2.

Span 6 Beam 8 Near Bearing: SURFACE CORROSION WITH PACK RUST ON BEARING, NO SECTION LOSS.

Bent 5 Pile 1: HORIZONTAL HAIRLINE CRACKS SCATTERED THROUGHOUT EAST FACE AT APPROXIMATELY 1 FT CENTERS.

Bent 5 Pile 2: 9 FT X UP TO 9" HIGH UNSOUND PATCH WITH DELAMINATION AND CRACKS UP TO 1/16" WIDE IN TOP OF STRUT BETWEEN COLUMNS 2 AND 3, EAST FACE.



Span 2 Beam 7: SPAN 4, 2" LONG AREA OF SURFACE CORROSION WITH PACK RUST ON BOTTOM FLANGE OF GIRDER BETWEEN SPLICE PLATES, NO MEASURABLE SECTION LOSS, NO MEASURABLE DISTORTION TO SPLICE PLATES.

Span 4 Deck: DECK UNDERSIDE, HAIRLINE MAP CRACKING WITH AREAS OF EFFLORESCENCE IN BAY 6 FOR FULL LENGTH OF BAY 6, SCATTERED THROUGHOUT BAY 1, BAY 2, BAY 3, BAY 5.

Span 2 Beam 5: SPAN 4, 5 FT OF SURFACE CORROSION ON RIGHT SIDE OF BOTTOM FLANGE AT BENT 3, NO SECTION LOSS.

Span 2 Beam 2: SPAN 3 AND SPAN 4, WELDED REPAIR TO WEB AT BENT 3 BEARING. REPAIR PLATES ARE 5 FT X 18" X 1/2" THICK IN EACH SPAN.

Span 2 Beam 2: SPAN 4, SURFACE CORROSION FOR 3 FT LONG ON EDGES OF BOTTOM FLANGE AT BENT 3, NO SECTION LOSS.

Span 2 Beam 2: SPAN 4, SURFACE CORROSION FOR 7 FT LONG ALONG RIGHT SIDE OF TOP FLANGE, 16 FT FROM BENT 3, NO SECTION LOSS.

Span 4 Deck: DECK UNDERSIDE, 9" X 6" X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF DECK, BAY 1, 6 FT FROM BENT 3, NO SECTION LOSS OF EXPOSED REINFORCEMENT.

Span 2 Beam 1: SPAN 4, SURFACE CORROSION SCATTERED THROUGHOUT EDGES OF BOTTOM FLANGE FOR FULL LENGTH OF SPAN, NO SECTION LOSS.

Span 2 Beam 1: SPAN 4, SURFACE RUST ON EDGE OF BOTTOM FLANGE PLATES OF BOLTED FIELD SPLICE, NO MEASURABLE SECTION LOSS.

Span 4 Deck: DECK UNDERSIDE, 4 FT X 4 FT PLYWOOD FORM LEFT IN PLACE, UNDERSIDE OF BAY 1, APPROXIMATELY 30 FT FROM BENT 3.

Span 4 Deck: DECK UNDERSIDE, HAIRLINE MAP CRACKING WITH AREAS OF EFFLORESCENCE IN BAY 6 FOR FULL LENGTH OF BAY 6, SCATTERED THROUGHOUT BAY 1, BAY 2, BAY 3, BAY 5.

Span 2 Beam 3: SPAN 4, RUST STAINS AT ENDS OF BOTTOM FLANGE AT BOLTED FIELD SPLICE, NO SECTION LOSS.

Span 2 Beam 5: SPAN 4, 2 FT OF SURFACE CORROSION ON EDGE OF BOTTOM FLANGE, 48 FT FROM BENT 3 AND 2 FT OF SURFACE CORROSION ON EDGE OF BOTTOM FLANGE 60 FT FROM BENT 3, NO SECTION LOSS.

Span 2 Beam 1: SPAN 4, BAY 1 INTERMEDIATE DIAPHRAGM AT MIDSPAN HAS SCATTERED SURFACE CORROSION, NO SECTION LOSS.

Span 2 Beam 8: SPAN 4, SURFACE CORROSION ON BOTH SIDES OF TOP FLANGE FOR 9 FT LONG, NEAR MIDSPAN, NO SECTION LOSS.

Span 4 Deck: DECK UNDERSIDE, EXPOSED REINFORCEMENT FOR 5 FT LONG AT EDGE OF PATCH IN UNDERSIDE OF BAY 8 AT MIDSPAN, NO SECTION LOSS.

Span 4 Deck: 8 FT X 1 FT X UP TO 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN LEFT OVERHANG WITH UP TO 50% SECTION LOSS IN EXPOSED REINFORCEMENT ON 4 DECK REINFORCING BARS.

Span 2 Beam 8: SPAN 4, SCATTERED PITTING IN TOP OF BOTTOM FLANGE, UP TO 1/8" DEEP, PITTING HAS BEEN ARRESTED.

Span 2 Beam 5: SPAN 4, SURFACE CORROSION FOR 3 FT LONG ON TOP FLANGE NEAR MIDSPAN, BAY 5 SIDE, NO SECTION LOSS.

Span 4 Deck: DECK UNDERSIDE, BAY 4, UNSOUND PATCHED AREA WITH EXPOSED REBAR, 4 FT X 2 FT WITH SPALLS UP TO 10" X 2" X 4" DEEP, NO SECTION LOSS, NEAR MIDSPAN.

Span 4 Deck: DECK UNDERSIDE, BAY 4, SPALL WITH EXPOSED REINFORCEMENT, 14" X 14" X 4" DEEP WITH EXPOSED MAIN REINFORCEMENT, APPROXIMATELY 60 FT FROM BENT 4, NO MEASURABLE SECTION LOSS OF EXPOSED REINFORCEMENT.

Span 2 Beam 2: SPAN 4, 6 FT OF SURFACE CORROSION ALONG TOP FLANGE NEAR MIDSPAN, NO SECTION LOSS.

Span 2 Beam 4: SPAN 4, SURFACE CORROSION ON BOTH EDGES OF BOTTOM FLANGE FOR 20 FT LONG AT MIDSPAN, NO SECTION LOSS.

Span 2 Beam 4: SPAN 4, SURFACE CORROSION ON BOTH EDGES OF TOP FLANGE FOR 10 FT LONG AT MIDSPAN, NO SECTION LOSS.

Span 4 Deck: 10 FT X 6" X 3" DEEP SPALL WITH EXPOSED REINFORCEMENT IN DECK HAUNCH ABOVE GIRDER 1 AT MIDSPAN WITH ADJACENT AREAS OF MAP CRACKING UP TO 1/16" WIDE, NO SECTION LOSS OF EXPOSED REINFORCEMENT.

Span 2 Beam 1: SPAN 4, REPAIR TO WEB AND BOTTOM FLANGE FOR 35 FT LONG, BEGINNING AT BENT 4.

Span 2 Beam 1: SPAN 4, PITTING UP TO 1/4" DEEP SCATTERED THROUGHOUT TOP OF BOTTOM FLANGE FOR FULL LENGTH OF SPAN, PITTING HAS BEEN PAINTED OVER AND SECTION LOSS HAS BEEN ARRESTED.

Span 2 Beam 1: SPAN 4, PAINTED OVER SECTION LOSS ON BOTTOM FLANGE FOR 8 FT LONG X 7" WIDE X 0.85" THICKNESS REMAINING, SECTION LOSS HAS BEEN ARRESTED. APPROXIMATLEY 40 FT FROM BENT 4.

Span 2 Beam 1: SPAN 4, 15.5 FT OF SURFACE CORROSION ON BOTTOM FLANGE BELOW BOTTOM FLANGE REPAIR AT BENT 4, 2.1" TOTAL BOTTOM FLANGE THICKNESS REMAINING .

Span 2 Beam 3: SPAN 4, WEB AND BOTTOM FLANGE REPAIR FOR 12 FT LONG, BEGINNING AT BENT 4.

Span 2 Beam 8: SPAN 4, PAINTED OVER SECTION LOSS FOR 5 FT LONG X 6" WIDE X 0.3" THICKNESS REMAINING IN RIGHT SIDE OF BOTTOM FLANGE AT BENT 4, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 2 Beam 8: SPAN 4, CORROSION WITH SECTION LOSS ON RIGHT EDGE OF BOTTOM FLANGE AT BENT 4, AREA OF SECTION LOSS IS 2 FT LONG X 5" WIDE X 0.7" THICKNESS REMAINING.

Span 2 Beam 8: SPAN 4, 3 FT OF SURFACE CORROSION ON RIGHT EDGE OF TOP FLANGE AT BENT 4, NO MEASURABLE SECTION LOSS.

Span 2 Beam 8 Far Bearing: CORROSION WITH SECTION LOSS UP TO 1.5" DIAMETER X 2" DEEP.

Bent 4 Cap 1: SPAN 4 FACE, 20" VERTICAL CRACK UP TO 1/8" WIDE WITH RUST STAINING IN CAP STEP OUTSIDE OF GIRDER 8.

Bent 4 Cap 1: SPAN 4 FACE HAS AN AREA OF DELAMINATION IN THE FACE OF THE CAP UNDER BEAM 6, 4 FT X 3 FT.

Bent 4 Cap 1: SPAN 4 FACE, 2.5 FT X 2 FT SOUND PATCH WITH RUST STAINING BELOW GIRDER 4.

Bent 4 Pile 1: 15 FT X 2 FT X 1 FT DELAMINATED PATCH ON NORTHWEST CORNER AT TOP OF COLUMN.

Bent 4 Pile 2: 12 FT HIGH X 2 FT X 1 FT DELAMINATION ON NORTHWEST CORNER OF COLUMN AT TOP.

Span 2 Beam 1: SPAN 4, BAY 1 INTERMEDIATE DIAPHRAGM HAS A 1'' DIAMETER HOLE. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 5 Beam 1: SCATTERED SURFACE CORROSION ALONG BOTTOM FLANGE FOR FULL LENGTH OF SPAN, NO SECTION LOSS.

Span 5 Beam 2: PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 4. AREA OF SECTION LOSS IS 6" LONG X 3" WIDE X 0.48" THICKNESS REMAINING, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 2 Beam 1: SPAN 4, 7'' X 3'' REPAIR TO BENT DIAPHRAGM IN BAY 1 AT BENT 4.

Span 2 Beam 2: SPAN 4, DIAPHRAGM AT BENT 4 IN BAY 2 HAS (2) 1'' DIAMETER HOLES AND (3) 1/4'' DIAMETER HOLES.

Span 2 Beam 2: SPAN 4, BEARING STIFFENER AT BENT 4 IN BAY 2 HAS (2) 1" DIAMETER HOLES AND (3) 1/4" DIAMETER HOLES. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 5 Beam 3: PAINTED OVER SECTION LOSS IN BOTTOM FLANGE AT BENT 5. AREA OF SECTION LOSS IS 6" LONG X 3" WIDE WITH 0.38" THICKNESS REMAINING. CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 5 Beam 3: 2" X 1/2" PAINTED OVER HOLE IN BEARING STIFFENER AT BENT 4, CORROSION AND SECTION LOSS HAVE BEEN ARRESTED.

Span 5 Beam 5: SURFACE CORROSION WITH SECTION LOSS IN BOTTOM FLANGE AT BENT 4. AREA OF SECTION LOSS IS 1 FT LONG X 4" WIDE WITH 0.45" THICKNESS REMAINING.

Bent 4 Cap 1: SPAN 5 FACE, 3 FT X 1 FT DELAMINATING AND UNSOUND PATCH BELOW GIRDER 3.

Bent 4 Pile 1: 10" X 5" X 1" DEEP SPALL WITH EXPOSED REINFORCEMENT IN SPAN 5 FACE OF TOP STRUT, NO SECTION LOSS OF EXPOSED REINFORCEMENT.

Bent 4 Cap 1: SPAN 5 FACE, 2 FT VERTICAL HAIRLINE CRACK IN NEAR NORTH FACE OF CAP.

Span 5 Beam 7: 3.5 FT OF SURFACE CORROSION ON BOTTOM FLANGE, NO SECTION LOSS.

Span 5 Deck: UNDERSIDE OF DECK, 3 FT X 16" DELAMINATION WITH SPALLING UP TO 1" DEEP WITH EXPOSED REINFORCEMENT, NO SECTION LOSS.

Span 5 Beam 5: PAINTED OVER SECTION LOSS AT BENT 5 BEARING. AREA OF SECTION LOSS IS 1 FT LONG X 3" WIDE WITH 0.42" THICKNESS REMAINING, SECTION LOSS HAS BEEN ARRESTED.

Span 5 Beam 6: 2 FT OF SURFACE CORROSION ON BOTTOM FLANGE AT BENT 4, NO SECTION LOSS.

Span 5 Deck: 18" X 16" X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF SOUTH OVERHANG AT BENT 5, NO MEASUREABLE SECTION LOSS.

Span 6 Deck: UNDERSIDE OF SOUTH OVERHANG HAS 8" DIAMETER X 1" DEEP SPALL WITH EXPOSED REINFORCEMENT AT BENT 5, NO SECTION LOSS OF EXPOSED REINFORCEMENT.

Bent 5 Cap 1: HAIRLINE MAP CRACKING IN SOUTH END OF CAP FOR 3 FT X 3 FT AREA.

Bent 5 Cap 1: SPAN 6 FACE, DELAMINATION IN THE FACE OF THE CAP, UNDER BEAM 1, 36 INCHES X 14 INCHES, WITH 1/8 INCH SEPARATION, NEAR THE BOTTOM EDGE AT THE END OF THE CAP

BENT 3.

SUPERSTRUCTURE UNDERSIDE, SPAN 3.

SOUTH PROFILE, SPAN 3.

NORTH PROFILE, SPAN 3.

END BENT 1, END BENT 2 SIMILAR.

SOUTHWEST WINGWALL, TYPICAL.

GIRDER 4 BEARING AT END BENT 1. END BENT 2 BEARINGS SIMILAR.

SPAN 1, GIRDER 8 BEARING AT BENT 1. SIMILAR AT BENT 5.

SPAN 2, GIRDER 8 BEARING AT BENT 1, SIMILAR AT BENT 4.

BENT 1.

TYPICAL INTERMEDIATE DIAPHRAGM, SPAN 1.

TYPICAL INTERMEDIATE DIAPHRAGM, SPAN 2.

BENT 1, SOUTH END OF CAP.

DEBRIS ON SPAN 2 SIDE OF CAP BELOW BAYS 7 AND 8.

TYPICAL DECK DRAIN ATTACHMENT.

TYPICAL BOLTED FIELD SPLICE, SPAN 2 BEAM 4.

BENT 2, SOUTH END OF CAP.

GIRDER 7 BEARING AT BENT 2, BENT 3 SIMILAR.

TYPICAL BOLTED FIELD SPLICE, SPAN 3.

EASTBOUND LANES, LOOKING WEST.

EASTBOUND LANES, EAST APPROACH LOOKING EAST.

RIGHT BRIDGE RAIL.

TOP OF DECK, SPAN 6. TYPICAL.

LOOKING SOUTH.

EASTBOUND LANES, WEST APPROACH LOOKING WEST.

LOOKING EAST.

SNOOPER USED.

CONCRETE MEDIAN RAIL.

WESTBOUND LANES, WEST APPROACH LOOKING WEST.

WESTBOUND LANES, LOOKING EAST.

LEFT BRIDGE RAIL.

LOOKING NORTH.

WESTBOUND LANES, EAST APPROACH LOOKING EAST.

WESTBOUND LANES, LOOKING WEST.

GUARDRAIL POST SPACING AT NORTHEAST CORNER, TYPICAL.

TRAFFIC CONTROL USED.

JOINT AT END BENT 1, EASTBOUND LANES. END BENT 2 AND WESTBOUND LANES SIMILAR.

TOP OF DECK ABOVE BENT 2. CONTINUOUS BENTS SIMILAR.

EXPANSION JOINT AT BENT 4. BENTS 1, 5 SIMILAR.

SOUTH PROFILE, LOOKING WEST.

SPAN 1, BAY 7 INTERMEDIATE DIAPHRAGM. SIMILAR IN SPANS 5 AND 6.

SUPERSTRUCTURE UNDERSIDE, SPAN 1. SPANS 5 AND 6 SIMILAR.

BENT 1, SPAN 2 FACE. BENT 5 SIMILAR.

BENT 2. BENT 3 SIMILAR.

SUPERSTRUCTURE UNDERSIDE, SPAN 2. SPANS 3 AND 4 SIMILAR.

NORTH PROFILE, LOOKING WEST.

NORTHWEST WINGWALL, TYPICAL.

GIRDER 2 BEARING AT END BENT 1. END BENT 2 BEARINGS SIMILAR.

BENT 5.

DEBRIS OBSTRUCTING DECK DRAINAGE IN LEFT AND RIGHT SHOULDERS FOR FULL LENGTH OF BRIDGE.

BENT 4

SPAN 5, INTERMEDIATE DIAPHRAGM.

SUPERSTRUCTURE UNDERSIDE, SPAN 4.

SUPERSTRUCTURE UNDERSIDE, SPAN 5.

Stream Bed Soundings

(Profile diagram on following sheet)

County **HAYWOOD** Structure Number: **430171** Inspection Date **02/12/2019**

Sounding recorded from: **Top of Bridge Rail**

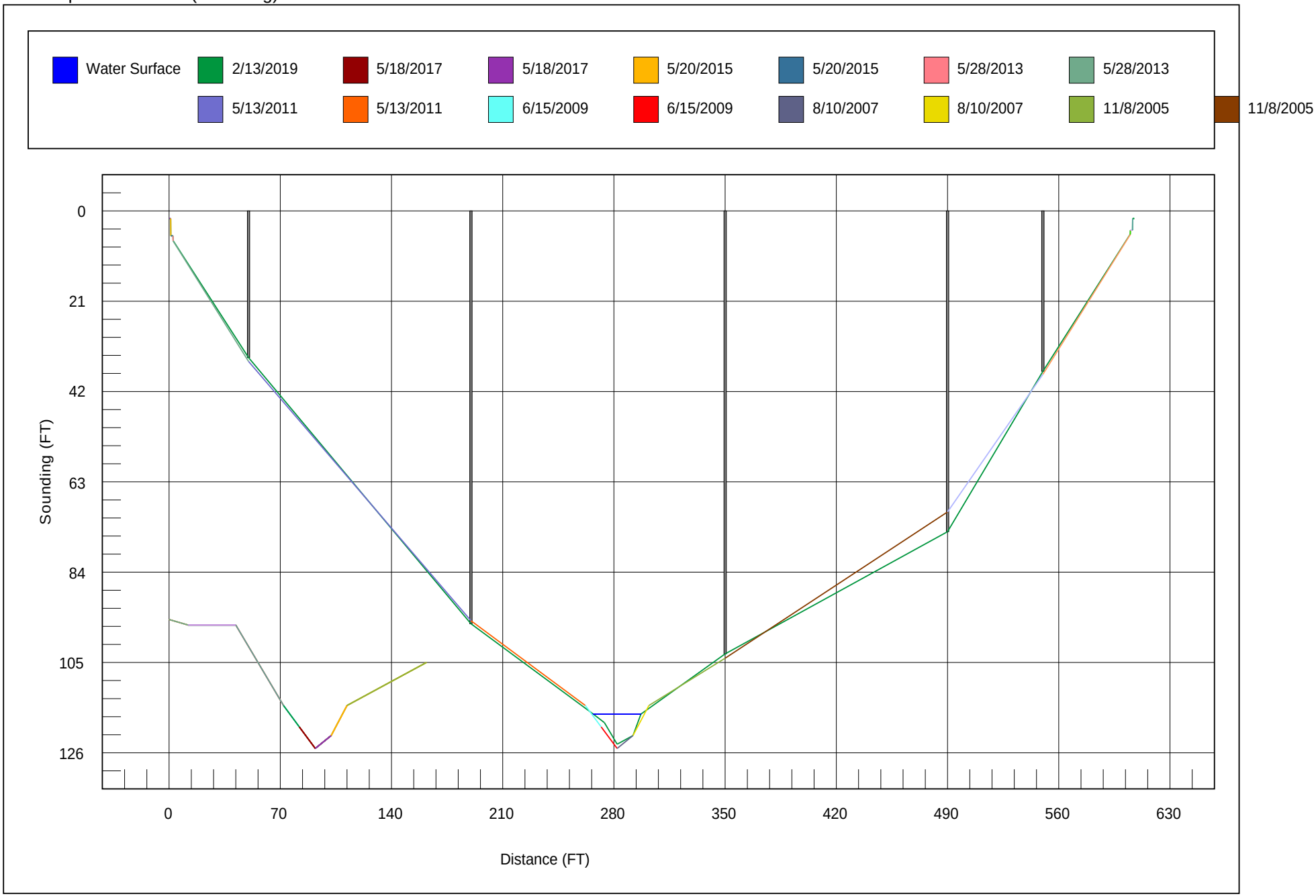
Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	1.800	0.000	TOP OF WINGWALL
1.000	1.800	0.000	TOP OF WINGWALL
1.100	5.800	0.000	TOP OF CAP
2.400	5.800	0.000	TOP OF CAP
2.500	6.900	6.200	GROUND AT CAP
50.000	34.100	18.400	BENT 1
190.000	96.000	90.400	BENT 2
267.000	117.000	0.000	WSWE
274.000	119.000	0.000	
282.000	124.000	0.000	
292.000	122.000	0.000	
297.000	117.000	0.000	WSWE
350.000	103.000	112.000	BENT 3
490.000	74.600	82.200	BENT 4
550.000	37.300	40.700	BENT 5
605.000	5.400	5.800	GROUND AT CAP
605.100	4.500	0.000	TOP OF CAP
606.400	4.500	0.000	TOP OF CAP
606.500	1.800	0.000	TOP OF WING
607.500	1.800	0.000	TOP OF WING

Bridge: 430171 County: HAYWOOD Date: 02/13/2019

STREAMBED PROFILE (Downstream)

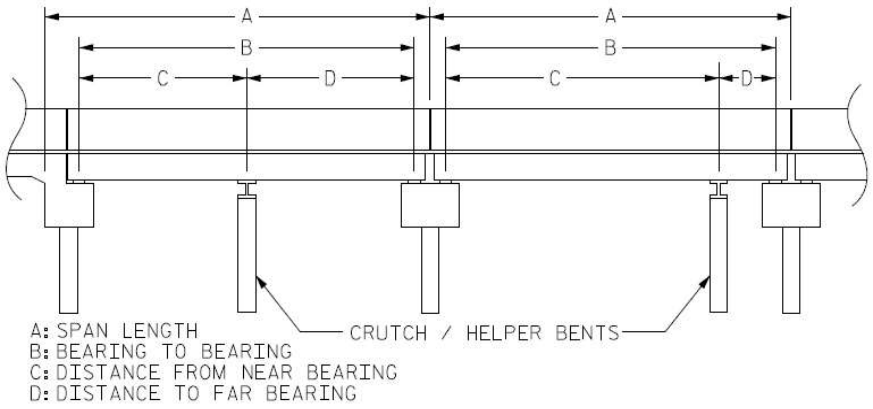
Top of Rail = 0FT (Sounding)



Structure Data Worksheet

Span Profile

County: **HAYWOOD** Structure Number: **430171**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	50.000	45.500			
2	140.000	139.000			
3	160.000	160.000			
4	140.000	139.000			
5	60.000	57.667			
6	60.000	55.500			

NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 04/23/2019

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **430171**
(8) STRUCTURE NUMBER(FEDERAL) 000000000870171
(5) INVENTORY ROUTE (ON/UNDER) - ON 11000400
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 87 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - SR1338, JONATHAN CREEK
(7) FACILITY CARRIED I-40
(9) LOCATION 1 MI.W.JCT.US276
(11)MILEPOINT 19.2
(16)LAT 35° 37' 8.07" (17)LONG 83° 0' 34.60"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Steel Continuous
TYPE - Stringer Mutlibeam or Girder CODE 402
(44) STRUCTURE TYPE APPR : Steel
TYPE - Stringer Mutlibeam or Girder CODE 302
(45) NUMBER OF SPANS IN MAIN UNIT 3
(46) NUMBER OF APPROACH SPANS 3
(107)DECK STRUCTURE TYPE - 1 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - Latex Concrete CODE 3
(B) TYPE OF MEMBRANE - None CODE 0
(C) TYPE OF DECK PROTECTION - None CODE 0

AGE AND SERVICE

(27) YEAR BUILT 1966
(106)YEAR RECONSTRUCTED 2012
(42) TYPE OF SERVICE : ON - Highway
UNDER - Highway - Waterway CODE 16
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE 2
(29) AVERAGE DAILY TRAFFIC 27000
(30) YEAR OF ADT 2017 (109) TRUCK ADT PCT 23%
(19) BYPASS OR DETOUR LENGTH 25 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 160 FT
(49) STRUCTURE LENGTH 610 FT
(50)CURB OR SIDEWALK: LEFT 1.125 FT RIGHT 1.125 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 56 FT
(52) DECK WIDTH OUT TO OUT 63.333 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 72 FT
(33) BRIDGE MEDIAN - Closed Median w/Barrier CODE 3
(34) SKEW 0° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
(54) MIN VERT UNDERCLEAR REF Highway 90 FT
(55) MIN LAT UNDERCLEAR RT REF Highway 6 FT
(56) MIN LAT UNDERCLEAR LT REF - 0 FT

NAVIGATION DATA

(38) NAVIGATION CONTROL - No Navigational Control CODE 0
(111)PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

SUFFICIENCY RATING = 38
STATUS = Structurally Deficient

CLASSIFICATION — CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is on the NHS 1
(26) FUNCTIONAL CLASS - Arterial - Interstate 01
(100)STRAHNET HIGHWAY - Interstate STRAHNET Route 1
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - 2-way Traffic 2
(103)TEMPORARY STRUCTURE -
(110)DESIGNATED NATIONAL NETWORK - On the National Network 1
(20) TOLL On Free Road 3
(31) MAINTAIN - State Highway Agency 01
(22) OWNER - State Highway Agency 01
(37) HISTORICAL SIGNIFICANCE - Not Eligible 5

CONDITION — CODE

(58) DECK 5
(59) SUPERSTRUCTURE 5
(60) SUBSTRUCTURE 4
(61) CHANNEL & CHANNEL PROTECTION 8
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD HS 20 + MOD 6
(63) OPERATING RATING METHOD - Load Factor 1
(64) OPERATING RATING - HS-37 67
(65) INVENTORY RATING METHOD - Load Factor 1
(66) INVENTORY RATING - HS-22 40
(70) BRIDGE POSTING - No Posting Required 5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED A
DESCRIPTION - Open, No Restriction

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION 4
(68) DECK GEOMETRY 4
(69) UNDERCLEARANCES,VERTI & HORIZ 4
(71) WATERWAY ADEQUACY 8
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 1111
(113)SCOUR CRITICAL BRIDGES 8

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK - CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114)FUTURE ADT 54000 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 02/13/2019
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)
B) UNDERWATER INSP - NO B)
C) OTHER SPECIAL INSP NO C)
SCOUR

Structure No: 430171 County: HAYWOOD Run Date:

Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note 1					STRAHNET Highway Designator	Direction of Traffic	Highway System of Route
													Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade			
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
3	SR 1338	31013380	90	0	0			9	2	300	2010	28	H	90	6		9	0	2	0

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 04/23/2019

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
HAYWOOD	14	2	430171	610 FEET

ROUTE CARRIED : I-40

FEATURE INTERSECTED : SR1338, JONATHAN CREEK

LOCATED : 1 MI.W.JCT.US276

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :	
01	FA	NFA	27000	2017	LT 333	RT 333

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1966	SHC	8.19468	BRIMS-040-1 (227)	HS 20 + MOD

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :	
2012	DBM	45438.3.13	TAN	90	ON 4	UNDER 2

NAVIGATION :					HT. CRN. TO BED :		WATER DEPTH :	
VC	0	FT	HC	0	FT	121 FT	7	FT

SUPERSTRUCTURE : REINFORCED CONCRETE FLOOR ON I-BEAMS&CONT.STL.PLATE GDRS.

SUBSTRUCTURE : E.BT1:RC SPILL THRU;E.BT2:RC CAP/H-PILE;BTS:RCP&B#5/PILES

SPANS : 1@50';(1@140';1@160',1@140'CONT)2@60'

BEAMS OR GIRDERS : SPNS1,5-6:8LNS36 I-BMS;SPNS2-4:8LNS CONT.STL.PLATE GDRS.

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
7.75 RC/NO AWS		63.333 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
56 FT	58.25 FT	LT	1.125 FT	RT	1.125 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :		
HS-22	HS-37	Sp(E)	SV	TTST	DATE

SYSTEM : Primary Interstate

GREEN LINE ROUTE : Y

UNDER ROUTES AND CLEARANCES

		Vertical Clearances		Horizontal Clearances		
Span	**Route Description**	**MMVC**	**MVC**	**Total**	**Left**	**Right**
3	SR 1338	90	90	28	0	6

Note: All measurements are in feet.

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 430171 County HAYWOOD Date: 02/13/2019

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 3: DIAGONAL LATERAL BRACE IN BAY 3 OF SPAN 3 AT BENT 3 IS NOT ATTACHED TO GIRDER 3. (PRIORITY MAINTENANCE)	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 8: CORROSION WITH PACK RUST ON BOLTED FIELD SPLICE IN SPAN 3. AREA OF CORROSION WITH PACK RUST IS 3" WIDE X 45" LONG WITH VERTICAL DISTORTION UP TO 1/8" ON TOP PLATE OF FIELD SPLICE ON BOTTOM FLANGE, NO MEASURABLE SECTION LOSS. (PRIORITY MAINTENANCE)	
3348	Maintain Concrete Substructure Components	LF	1	Bent 3 Pile 1: 28 FT HIGH X 16" X 16" UNSOUND AND DELAMINATING PATCH ON NORTHWEST CORNER OF PILE, BEGINNING NEAR GROUNDLINE. (PRIORITY MAINTENANCE)	
3348	Maintain Concrete Substructure Components	LF	35	Bent 3 Pile 1: 45 FT HIGH X FULL FACE DELAMINATING AND UNSOUND PATCHED AREA ON THE EAST FACE, UP TO 1 INCH SEPARATION. (PRIORITY MAINTENANCE)	
3318	Maint to Concrete Handrail	LF	1	Span 1 Median Rail: JOINT COVER PLATE IN RAIL IS MISSING. (PRIORITY MAINTENANCE)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430171 County HAYWOOD

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2019	Joshua W Gentry	

Details

Span 2 Beam 3: DIAGONAL LATERAL BRACE IN BAY 3 OF SPAN 3 AT BENT 3 IS NOT ATTACHED TO GIRDER 3. (PRIORITY MAINTENANCE)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2019	Joshua W Gentry	

Details

Span 2 Beam 8: CORROSION WITH PACK RUST ON BOLTED FIELD SPLICE IN SPAN 3. AREA OF CORROSION WITH PACK RUST IS 3" WIDE X 45" LONG WITH VERTICAL DISTORTION UP TO 1/8" ON TOP PLATE OF FIELD SPLICE ON BOTTOM FLANGE, NO MEASURABLE SECTION LOSS. (PRIORITY MAINTENANCE)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430171 County HAYWOOD

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2019	Joshua W Gentry	

Details
Bent 3 Pile 1: 28 FT HIGH X 16" X 16" UNSOUND AND DELAMINATING PATCH ON NORTHWEST CORNER OF PILE, BEGINNING NEAR GROUNDLINE. (PRIORITY MAINTENANCE)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	35 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2019	Joshua W Gentry	

Details
Bent 3 Pile 1: 45 FT HIGH X FULL FACE DELAMINATING AND UNSOUND PATCHED AREA ON THE EAST FACE, UP TO 1 INCH SEPARATION. (PRIORITY MAINTENANCE)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 430171 County HAYWOOD

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

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	1 LF

Location:
Bent/Span No.

Priority Level	Status
Recommended	Routine Maintenance

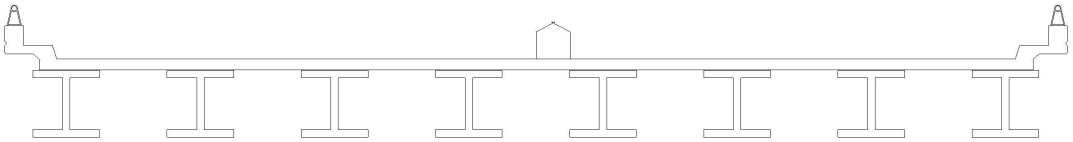
Submitted Date:	Submitted By:	Assisted By:
02/15/2019	JOSHUA W GENTRY	

Details
Span 1 Median Rail: JOINT COVER PLATE IN RAIL IS MISSING. (PRIORITY MAINTENANCE)

Bridge Inspection Field Sketch

Deck Width/Out to Out	63.333ft	Between Rails				58.250ft
Clear Roadway	56.000ft	Wearing Surface				0.0ft
Median Width	2.0ft	Median Height				2.167ft
Curb Height		Left	0.833ft	Right	0.833ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left	28ft	Right	28ft	
Guardrail Width		Left		Right		
Top of Rail to Deck/Wearing Surface		Left	2.667ft	Right	2.667ft	
Bridge Rail		Left	Type 71	Right	Type 71	

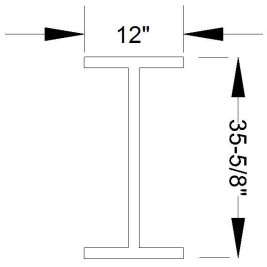
*GUARDRAIL TYPE 71 WITH ORIGINAL ONE BAR RAIL REMOVED



Measurements for Span #	1		
Deck Thickness	0.645	Left Overhang	3.667
Top of Rail to Bottom of Beam	6.333	Right Overhang	3.667

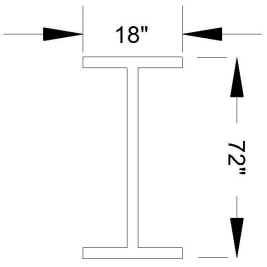
Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8.0ft	
2	Steel I Beam	8.0ft	
3	Steel I Beam	8.0ft	
4	Steel I Beam	8.0ft	
5	Steel I Beam	8.0ft	
6	Steel I Beam	8.0ft	
7	Steel I Beam	8.0ft	
8	Steel I Beam	ft	

BEAMS SPANS 1, 5, 6
(NON-TAPERED FLANGES)



FLANGES = 13/16"
WEB = 5/8"

BEAMS SPANS 2, 3, 4
(NON-TAPERED FLANGES)



FLANGES = 1"
WEB = 1/2"

VERIFIED JWG 2/13/19

Title	**Description**		
Typical Section	Data Worksheet		
Bridge No: 430171	**Drawn By:** Roy W. Shook	**Date:** 08/08/2007	**File Name:** S0106000364

Bridge Inspection Field Sketch

I- 40 (West/East)

Span 3

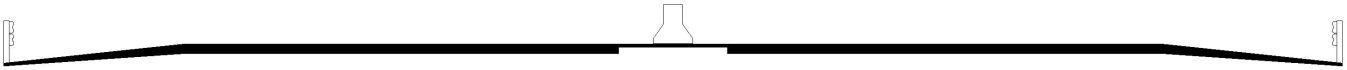
Roadway 1		Direction of Traffic	North South
Distance to Right Rail		Distance to Left Rail	
Distance to Left Toe of Slope	6FT	Distance to Left Bent	8FT
Distance to Right Toe of Slope		Distance to Right Bent	106FT
MMVC	90 Ft at Beam 1, 10 FT from Right Edge Of Roadway		
MVC	90 Ft at Beam 1, 0 FT from Left Edge OF Roadway		

VERIFIED JWG 2/13/19

Title	**Description**		
Underclearance	Data Worksheet		
Bridge No: 430171	**Drawn By:** Roy W. Shook	**Date:** 08/08/2007	**File Name:** S0106000365

Bridge Inspection Field Sketch

I - 40



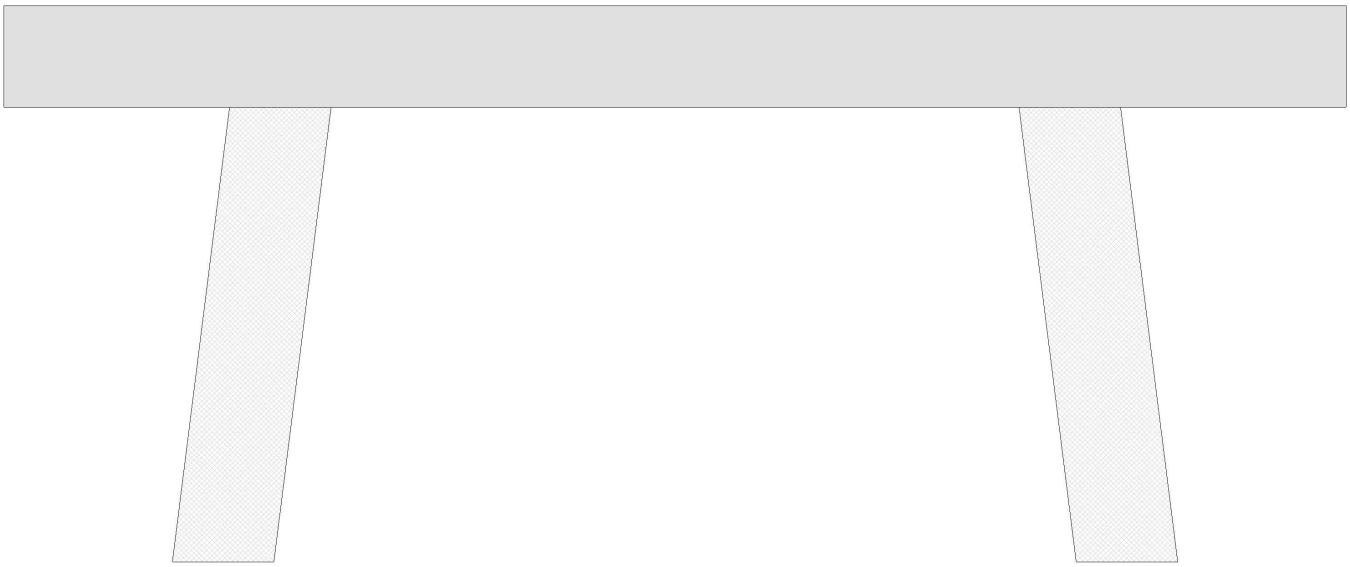
MEASUREMENTS TAKEN 25 FT WEST OF END BENT 1

Left Lanes			
Roadway	24.0ft Wide	2 Paved Lanes	East Bound
Right Shoulder	10.1ft Wide	10.0ft Paved	0.1ft Unpaved
Left Shoulder	2ft Wide	2.0ft Paved	
Right Guardrail	10.0ft from road		
Left Guardrail	2.0ft from road		
Median	2ft Wide	5.167ft High	
Right Lanes			
Roadway	24.0ft Wide	2 Paved Lanes	West Bound
Left Shoulder	2ft Wide	2.0ft Paved	
Right Shoulder	10.1ft Wide	10.0ft Paved	0.1ft Unpaved
Left Guardrail	2.0ft from road		
Right Guardrail	10.0ft from road		

VERIFIED JWG 2/13/19

Title	**Description**		
Approach Roadway	Data Worksheet		
Bridge No: 430171	**Drawn By:** D.D.H.	**Date:** 08/08/2007	**File Name:** S0106000363

Bridge Inspection Field Sketch



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.
59.500 ft.	4.500 ft.	4.500 ft.	12.250 ft.	12.250 ft.	1.833 ft.	1.833 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	35 ft.	4.5 ft.	4.5 ft.	84 ft.*	Battered	No	No	No	No
2	Concrete		4.5 ft.	4.5 ft.	84 ft.*	Battered	No	No	No	No

Bent/Abutment #: 2 Similar Bents: 3, 4

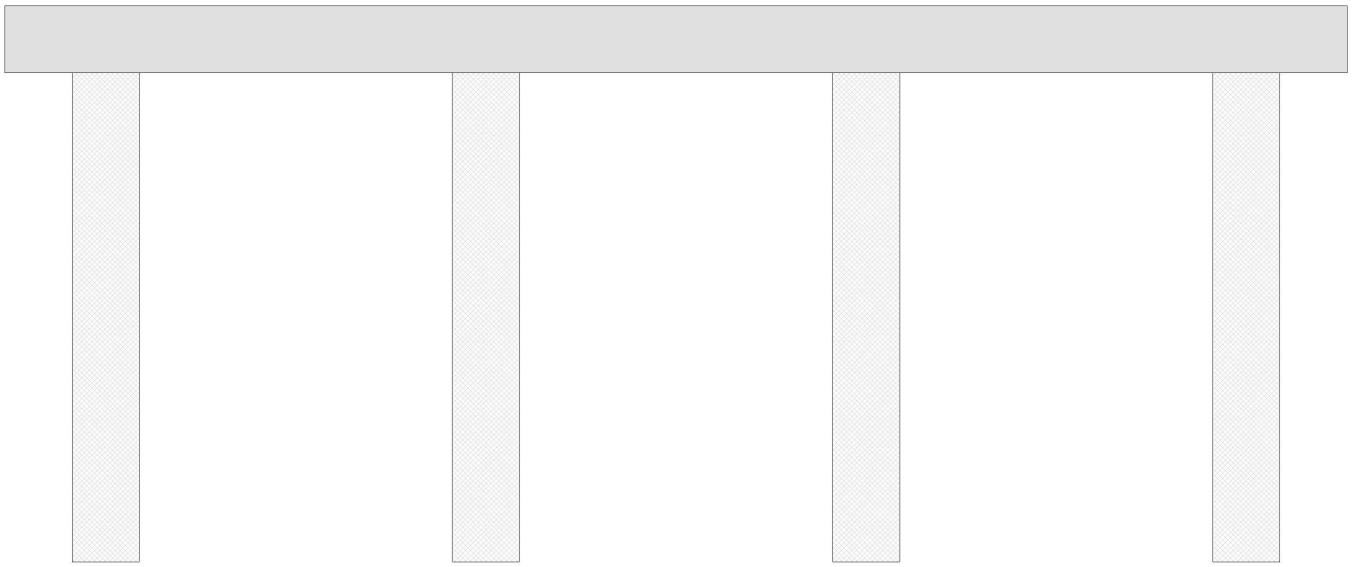
* 102' AT BENT 3, 76' AT BENT 4

VERIFIED JWG 2/13/19

Title	**Description**
INTERIOR BENTS 2 - 4	SUBSTRUCTURE DETAILS

Bridge No: 430171	**Drawn By:** JOE C HUNTSINGER	**Date:** 5/20/2015	**File Name:** S0102001153

Bridge Inspection Field Sketch



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.
59.166 ft.	3.000 ft.	3.000 ft.	4.083 ft.	4.083 ft.	1.25 ft.	1.25 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	17 ft.	3 ft.	2.25 ft.		Vertical	No	No	No	No
2	Concrete	17 ft.	3 ft.	2.25 ft.		Vertical	No	No	No	No
3	Concrete	17 ft.	3 ft.	2.25 ft.		Vertical	No	No	No	No
4	Concrete		3 ft.	2.25 ft.		Vertical	No	No	No	No

Bent/Abutment #: 1 Similar Bents: 5

VERIFIED JWG 2/13/19

Title	**Description**
INTERIOR BENTS 1 AND 5	SUBSTRUCTURE DETAILS

Bridge No: 430171	**Drawn By:** JOE C HUNTSINGER	**Date:** 5/28/2013	**File Name:** S0106001630

Bridge Inspection Field Sketch

ROCKER BEARING MEASUREMENTS

BENT 1/SPAN 2	+/-	TEMP.	DATE
BEAM 1	+3/4"	55 DEG	2/11/19
BEAM 2	1"	55 DEG	2/11/19
BEAM 3	+1 1/4"	55 DEG	2/11/19
BEAM 4	+1 1/4"	55 DEG	2/11/19
BEAM 5	+1"	55 DEG	2/11/19
BEAM 6	1"	55 DEG	2/11/19
BEAM 7	+1/2"	55 DEG	2/11/19
BEAM 8	+1/2"	55 DEG	2/11/19

BENT 4/SPAN 4	+/-	TEMP.	DATE
BEAM 1	-1/2"	43 DEG	2/13/19
BEAM 2	+1/4"	43 DEG	2/13/19
BEAM 3	0	43 DEG	2/13/19
BEAM 4	0	43 DEG	2/13/19
BEAM 5	0	43 DEG	2/13/19
BEAM 6	0	43 DEG	2/13/19
BEAM 7	-3/16"	43 DEG	2/13/19
BEAM 8	0	43 DEG	2/13/19

MODIFIED BY JWG 2-13-2019

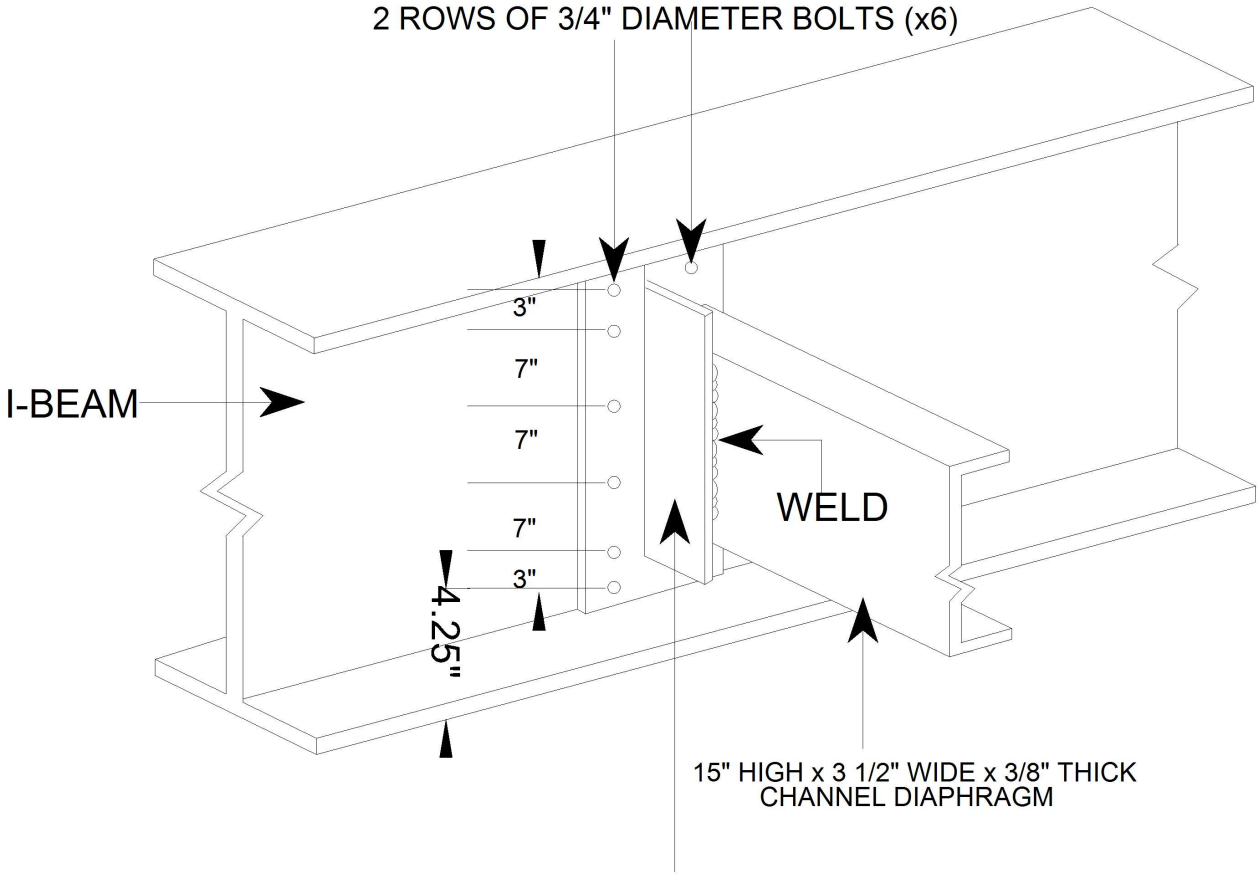
Title	**Description**
ROCKER BEARINGS	ROCKER BEARINGS

Bridge No: 430171	**Drawn By:** MSW	**Date:** 5/18/2017	**File Name:** S0214000835

Bridge Inspection Field Sketch

DIAPHRAGM DETAILS

LOCATIONS : 1/3 POINTS OF SPANS 1, 5, AND 6



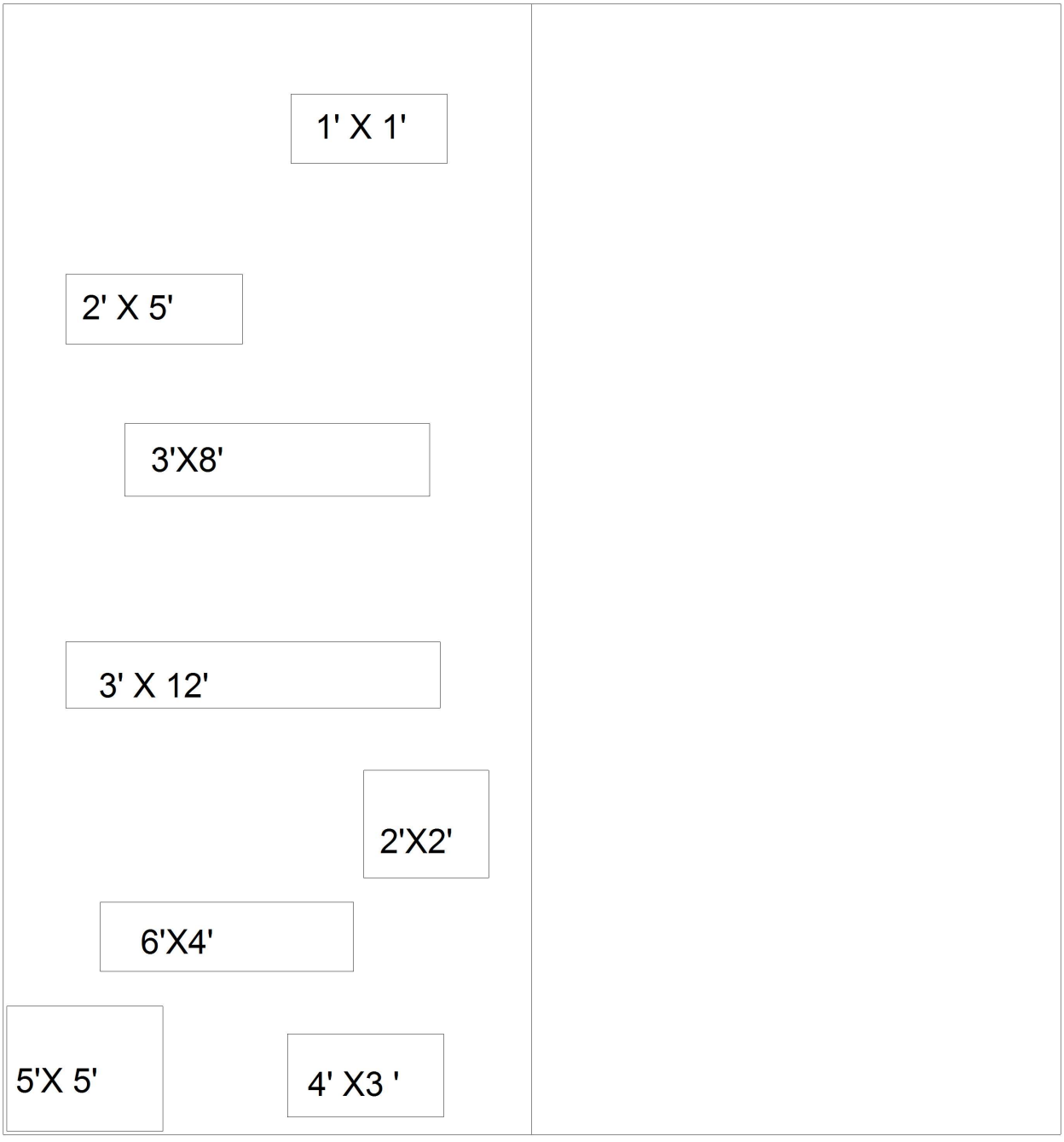
VERIFIED JWG 2/13/19

Title	Description
INTERMEDIATE DIAPHRAGMS	SUPERSTRUCTURE DETAILS

Bridge No:	Drawn By:	Date:	File Name:
430171	JOE C. HUNTSINGER	5/28/2013	S0106001631

Bridge Inspection Field Sketch

WEST BOUND SPAN 1

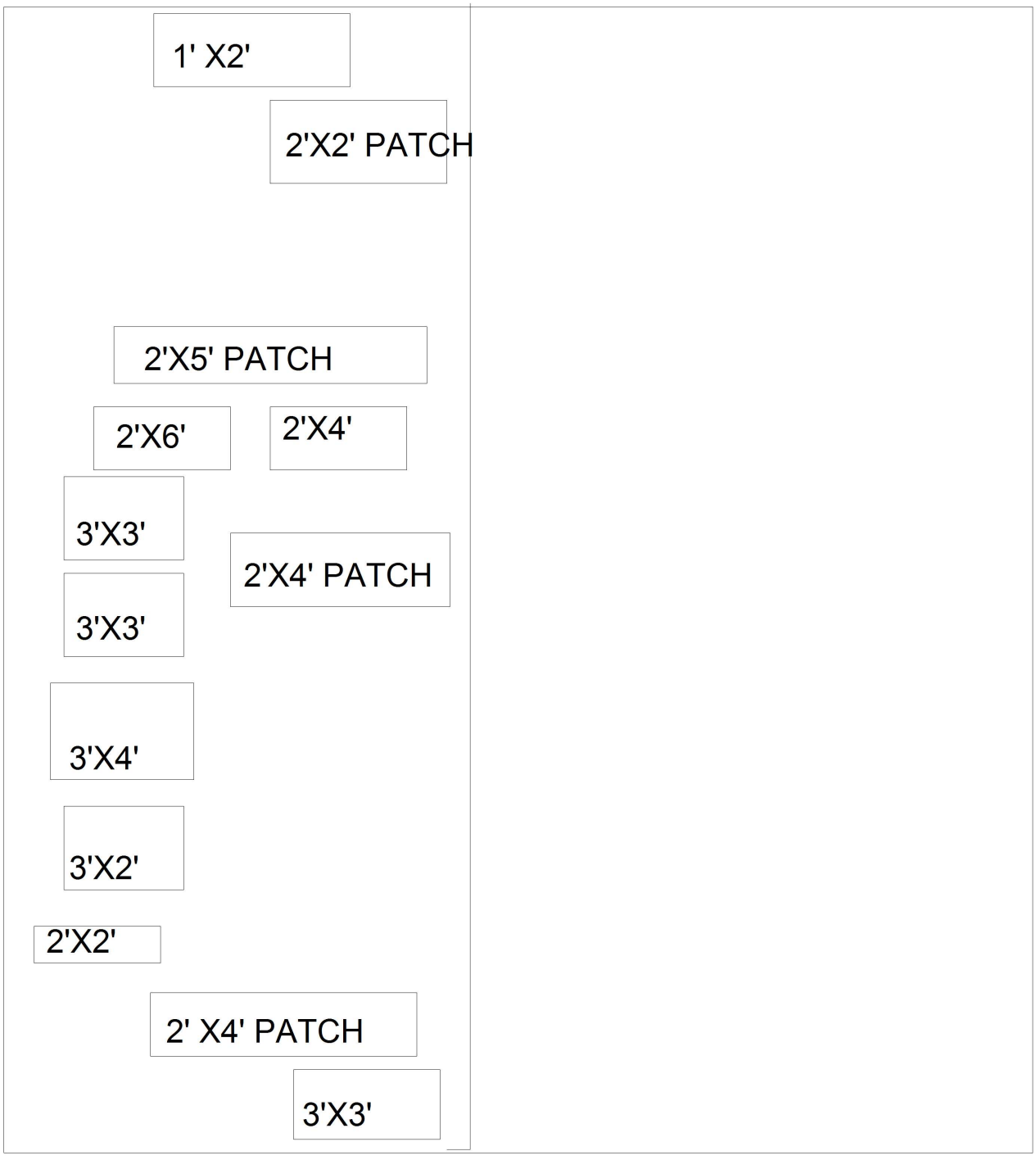


Title	Description
DELAMINATION 1	DELAMINATION SPAN 1

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000784

Bridge Inspection Field Sketch

WEST BOUND SPAN 2



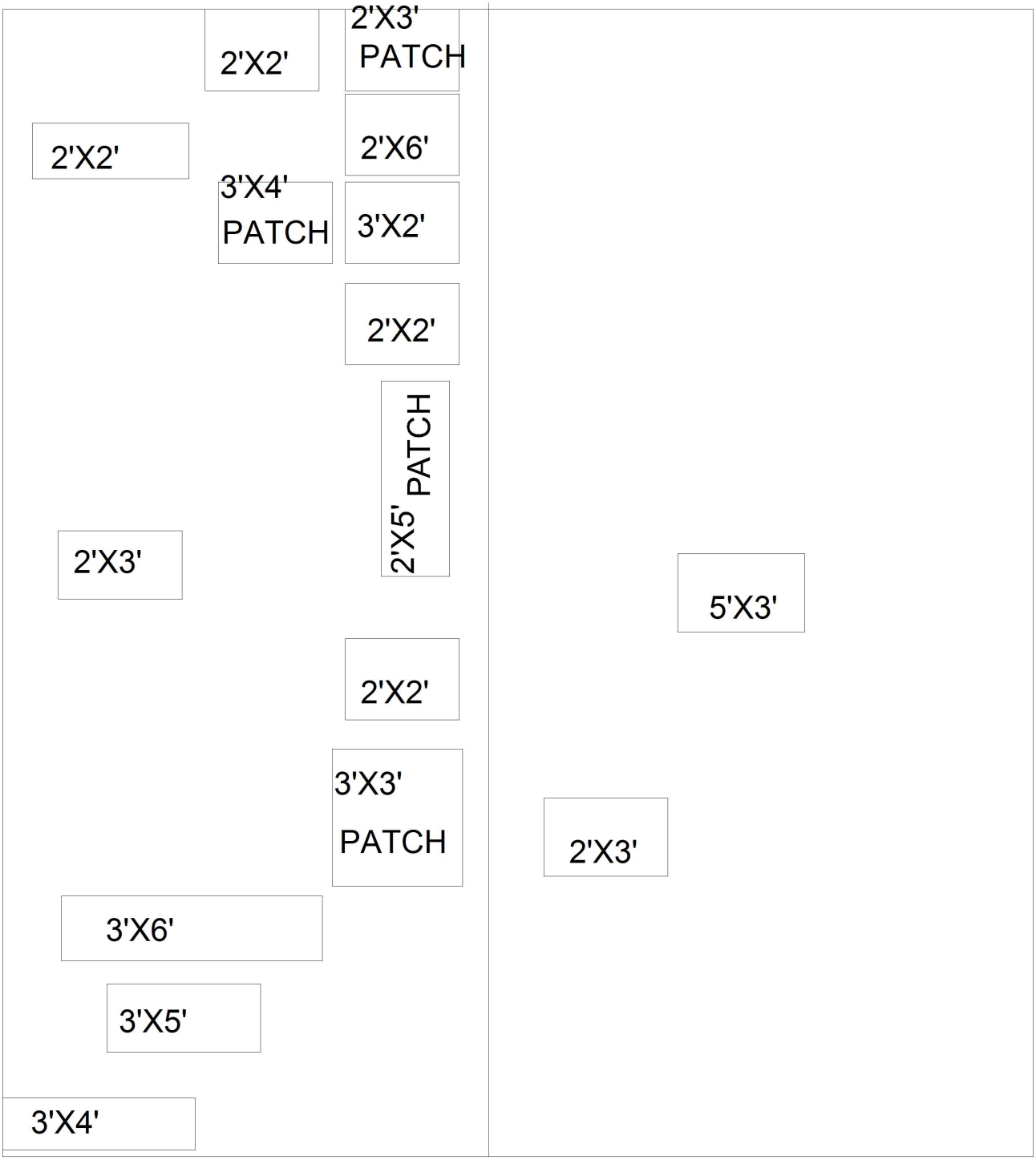
LEFT LANE INT. BENT 1

Title	Description
WEST BOUND SPAN 2	WEST BOUND SPAN 2 DATA

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000785

Bridge Inspection Field Sketch

WEST BOUND LANES SPAN 3

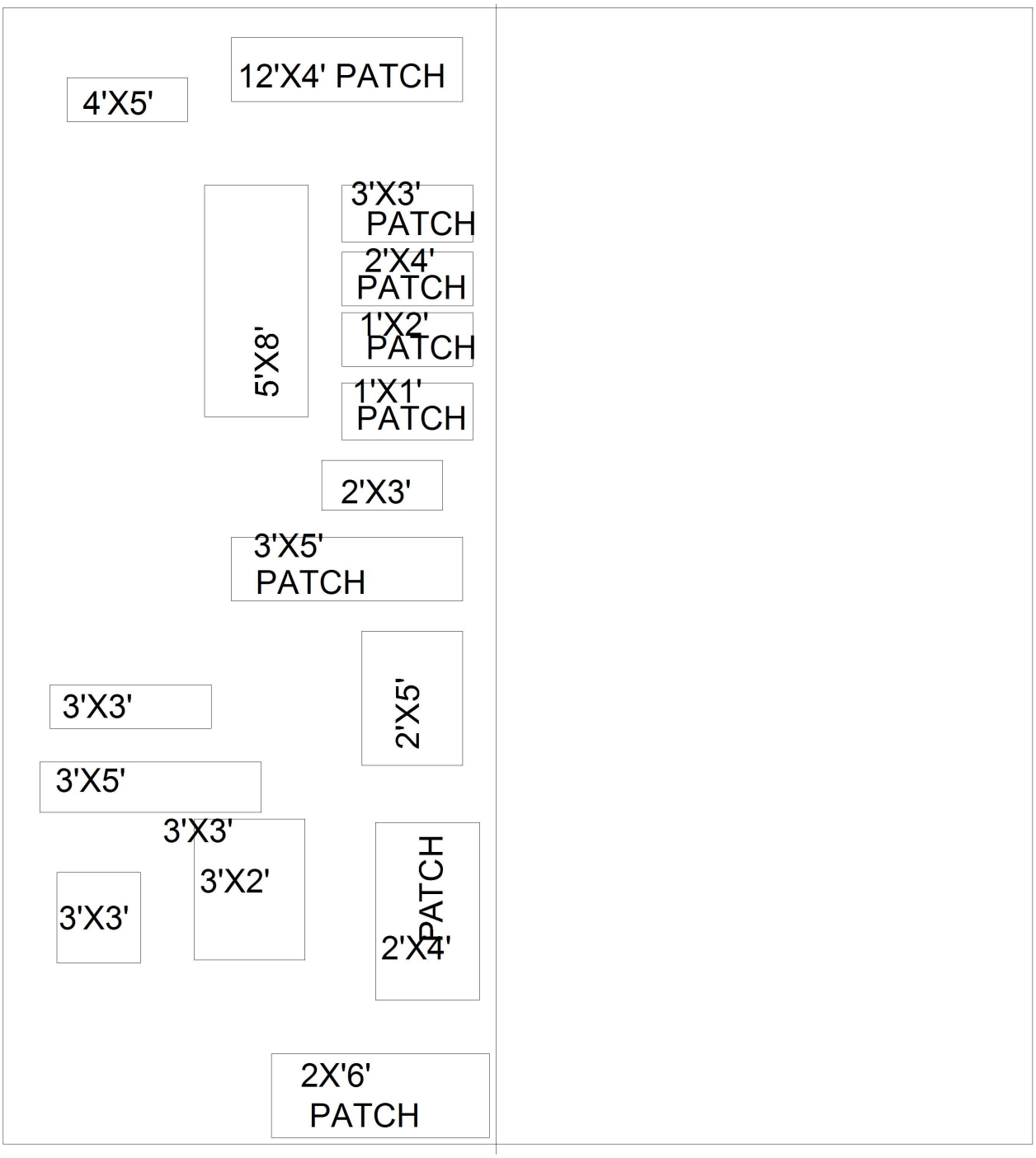


Title	Description
WEST BOUND SPAN 3 DELAMINATION	DELAMINATION DATA

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000786

Bridge Inspection Field Sketch

WEST BOUND

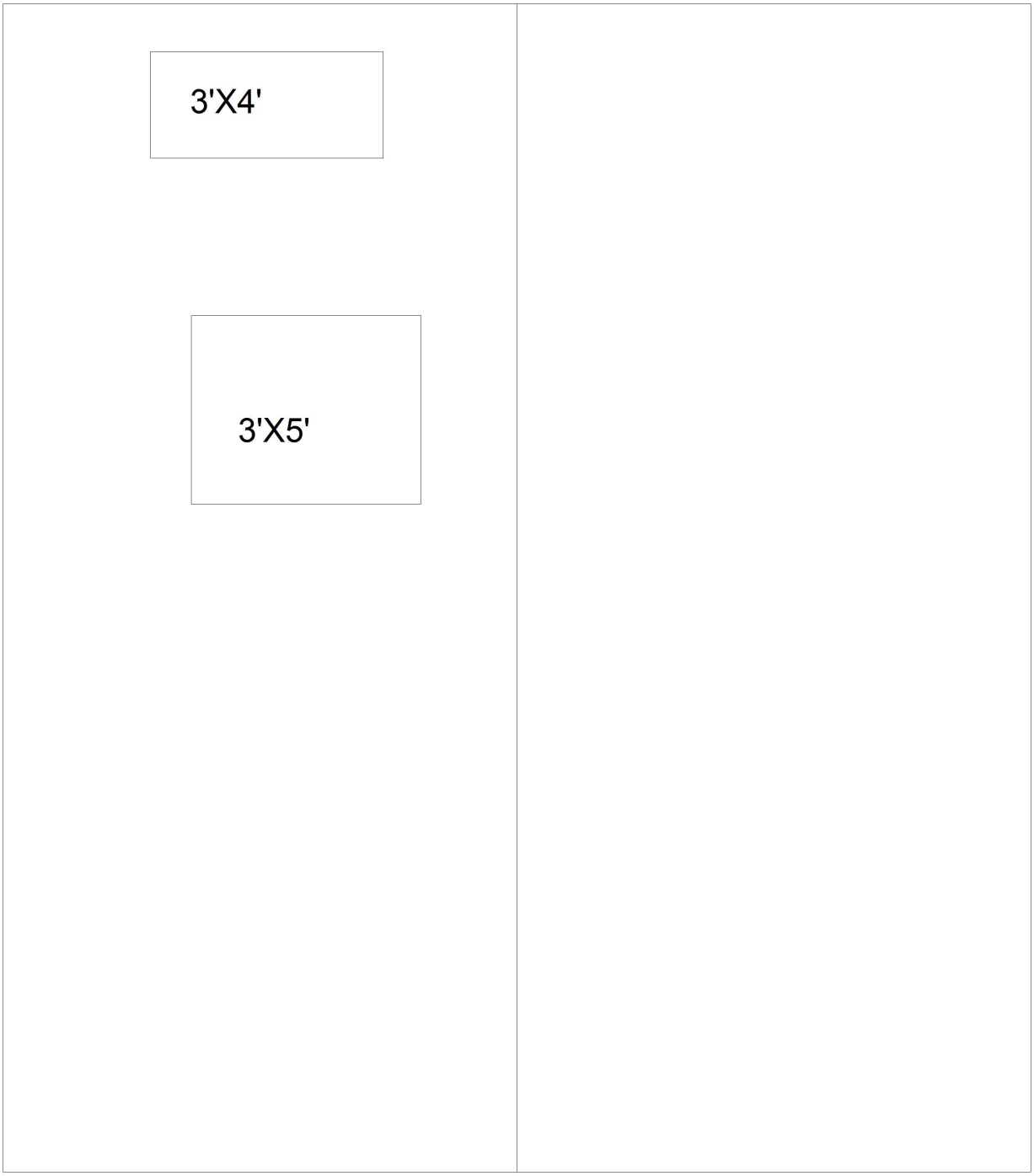


Title	Description
DELINATION WEST BOUND SPAN 4	DELAMINATION DATA SPAN 4

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000787

Bridge Inspection Field Sketch

WEST BOUND



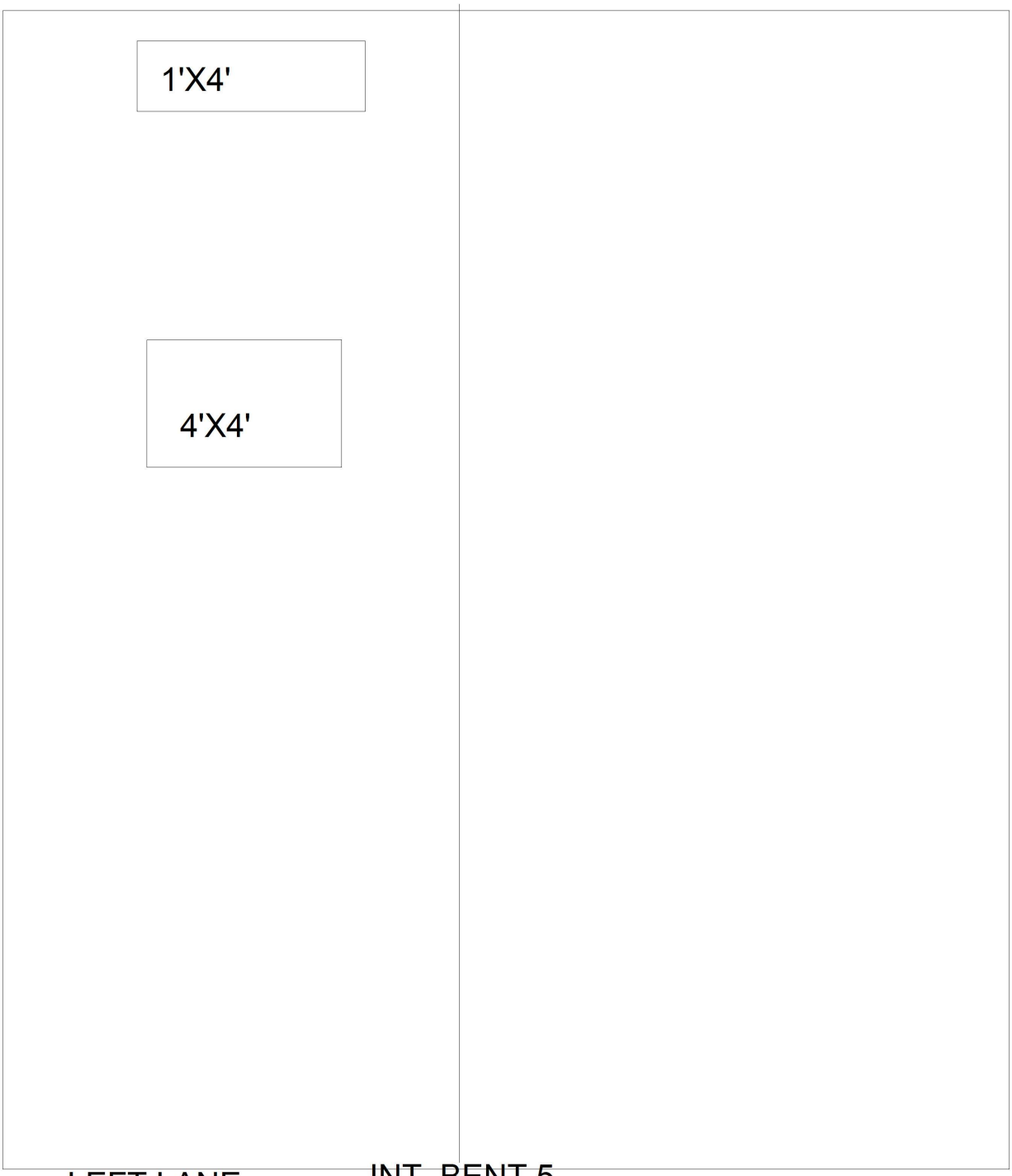
LEFT LANE INT. BENT 4

Title	Description
DELAMINATION SPAN 5	DELAMINATION SPAN 5

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000788

Bridge Inspection Field Sketch

WEST BOUND SPAN 6

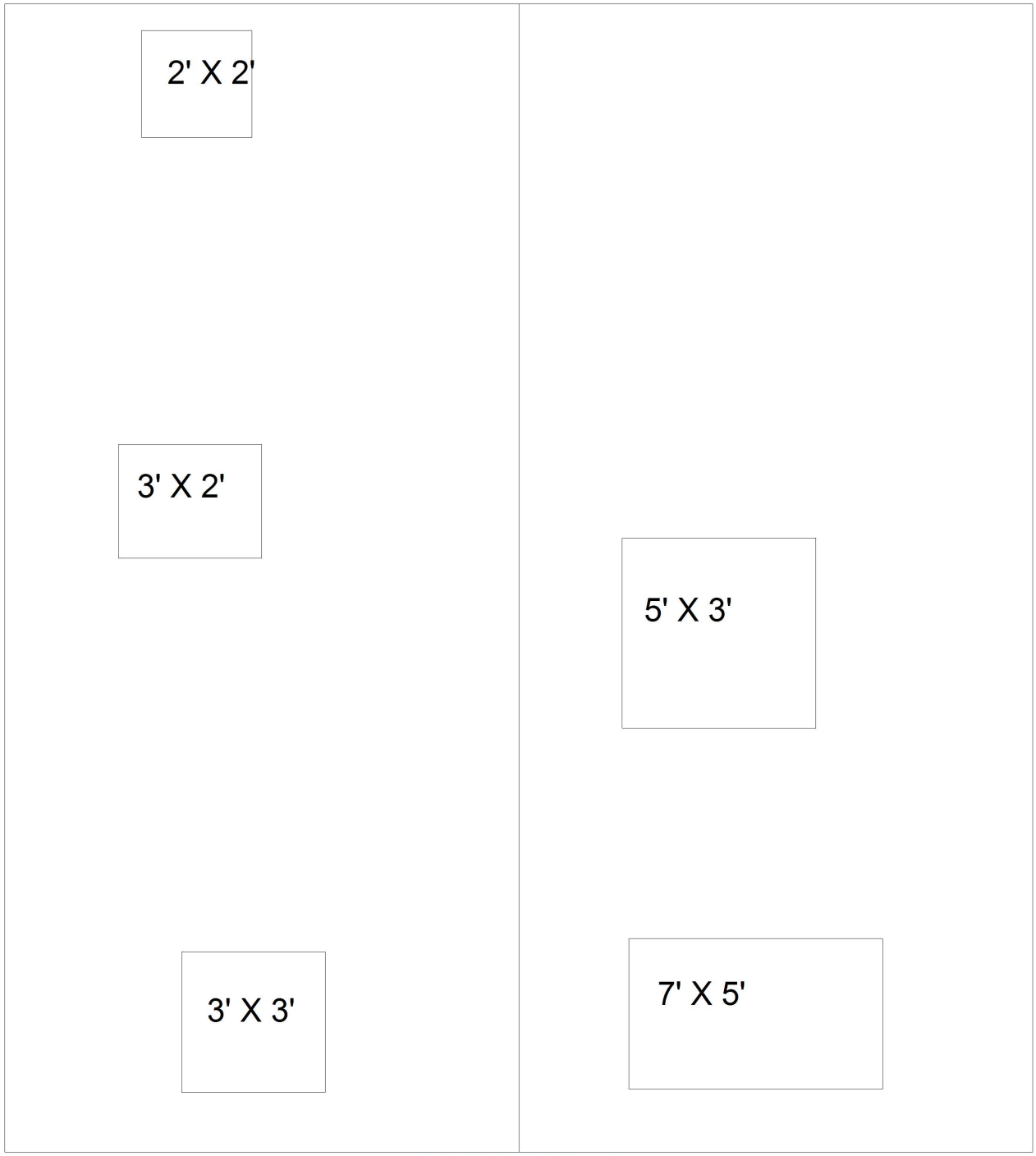


Title	Description
DELAMINATION SPAN 6	DELAMINATION DATA

Bridge No:	Drawn By:	Date:	File Name:
430171	ME.RENFRO	12/6/2018	S0198000789

Bridge Inspection Field Sketch

SPAN 1 EAST BOUND



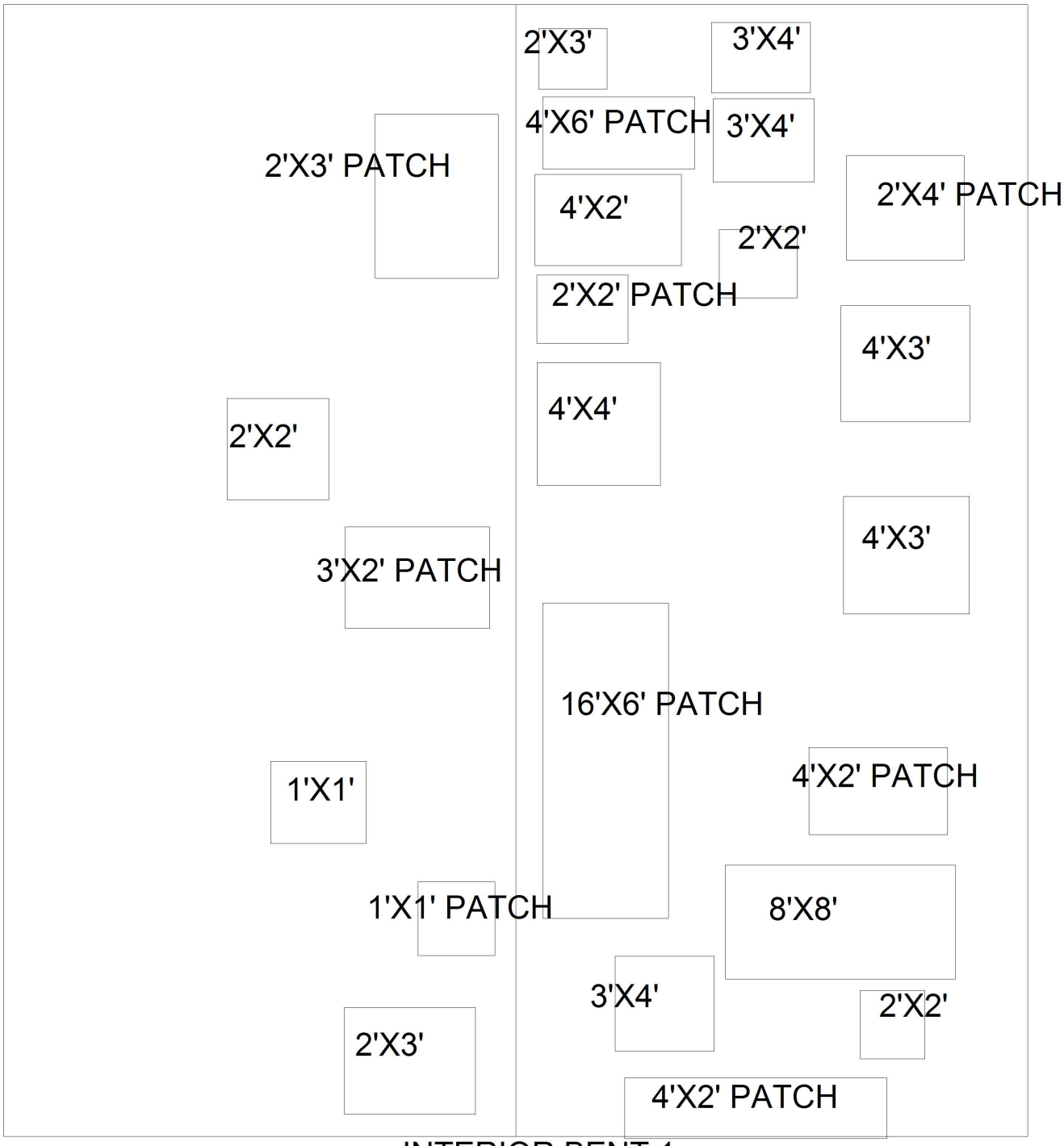
END BENT 1

Title	Description
DELAMINATION SPAN 1	DELAMINATION SPAN 1 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000790

Bridge Inspection Field Sketch

SPAN 2 EAST BOUND



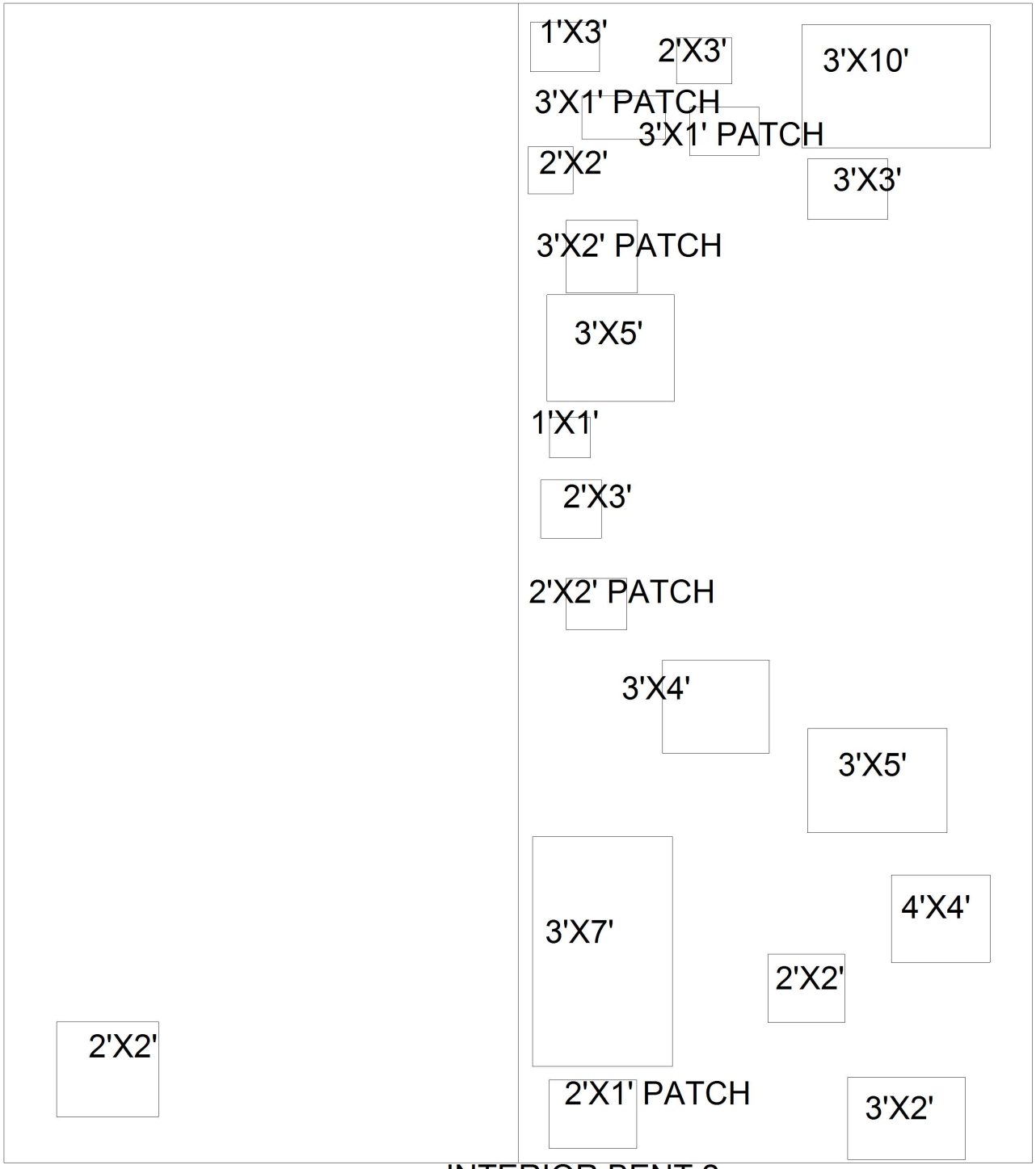
INTERIOR BENT 1

Title	Description
DELAMINATION AND PATCHES SPAN 2	DELAMINATION SPAN 2 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000791

Bridge Inspection Field Sketch

SPAN 3 EAST BOUND



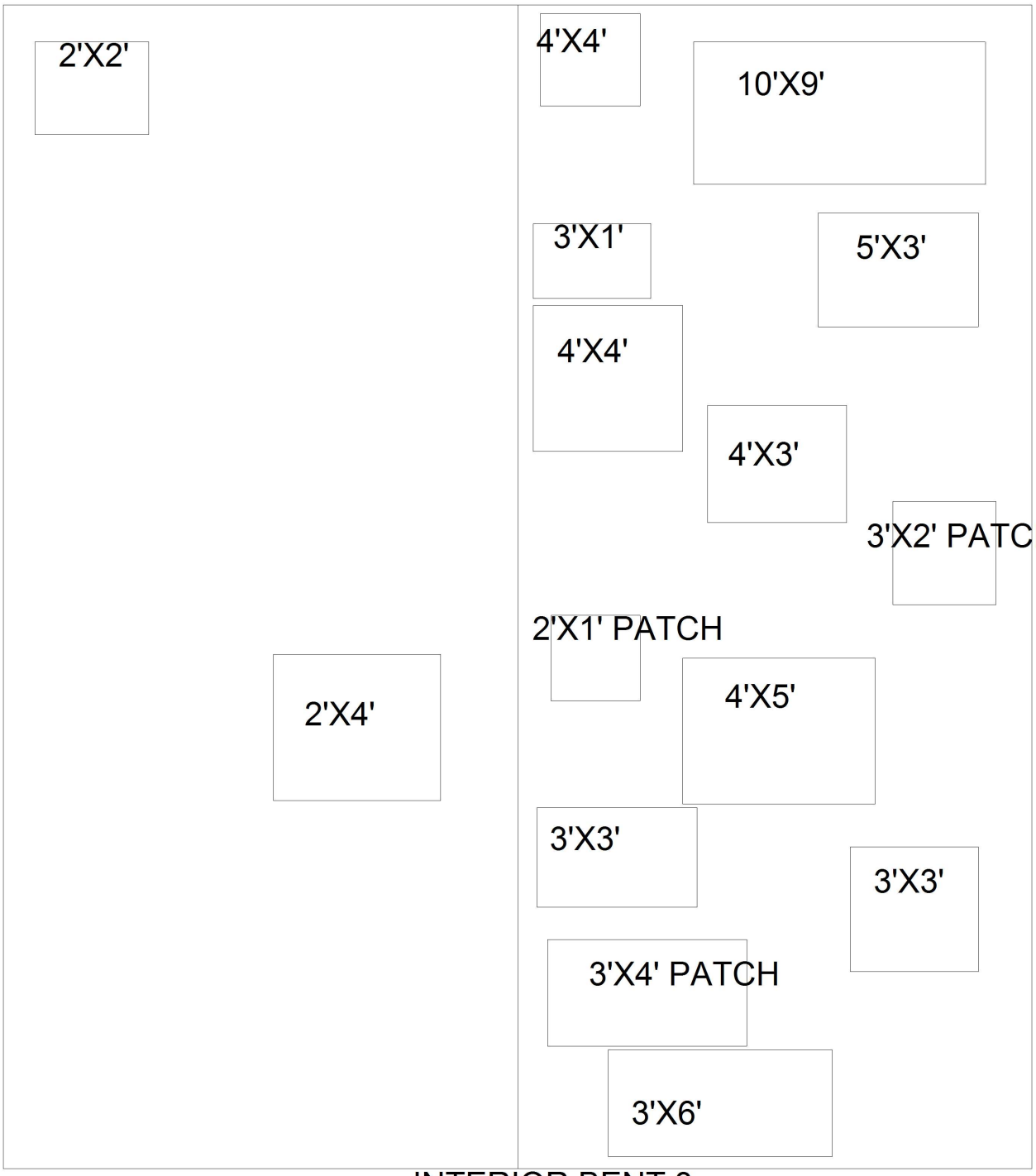
INTERIOR BENT 2

Title	Description
DELAMINATION SPAN 3	DELAMINATION SPAN 3 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000792

Bridge Inspection Field Sketch

SPAN 4 EAST BOUND



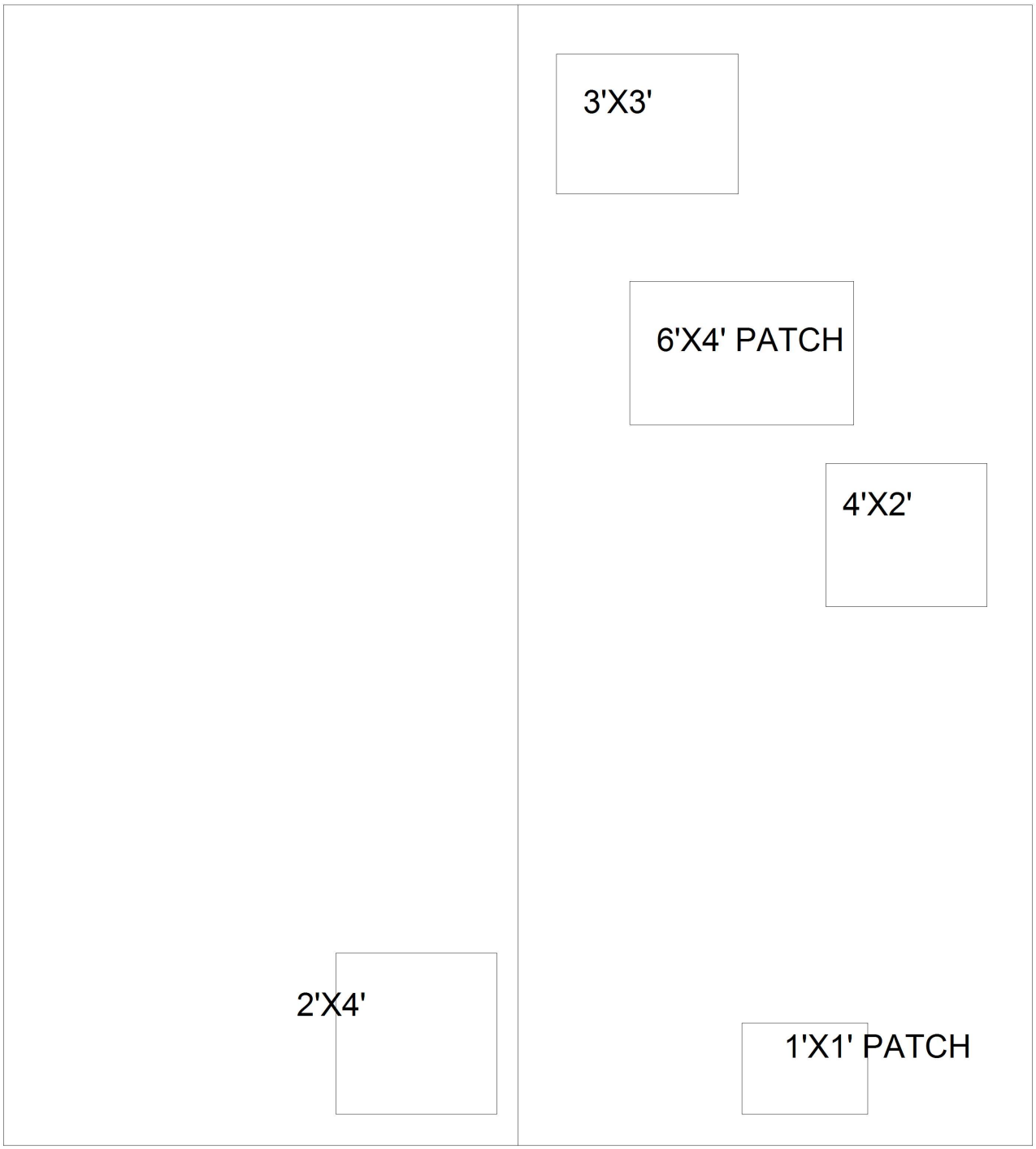
INTERIOR BENT 3

Title	Description
DELAMINATION AND PATCHES SPAN 4	DELAMINATION SPAN 4 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000793

Bridge Inspection Field Sketch

SPAN 5 EAST BOUND



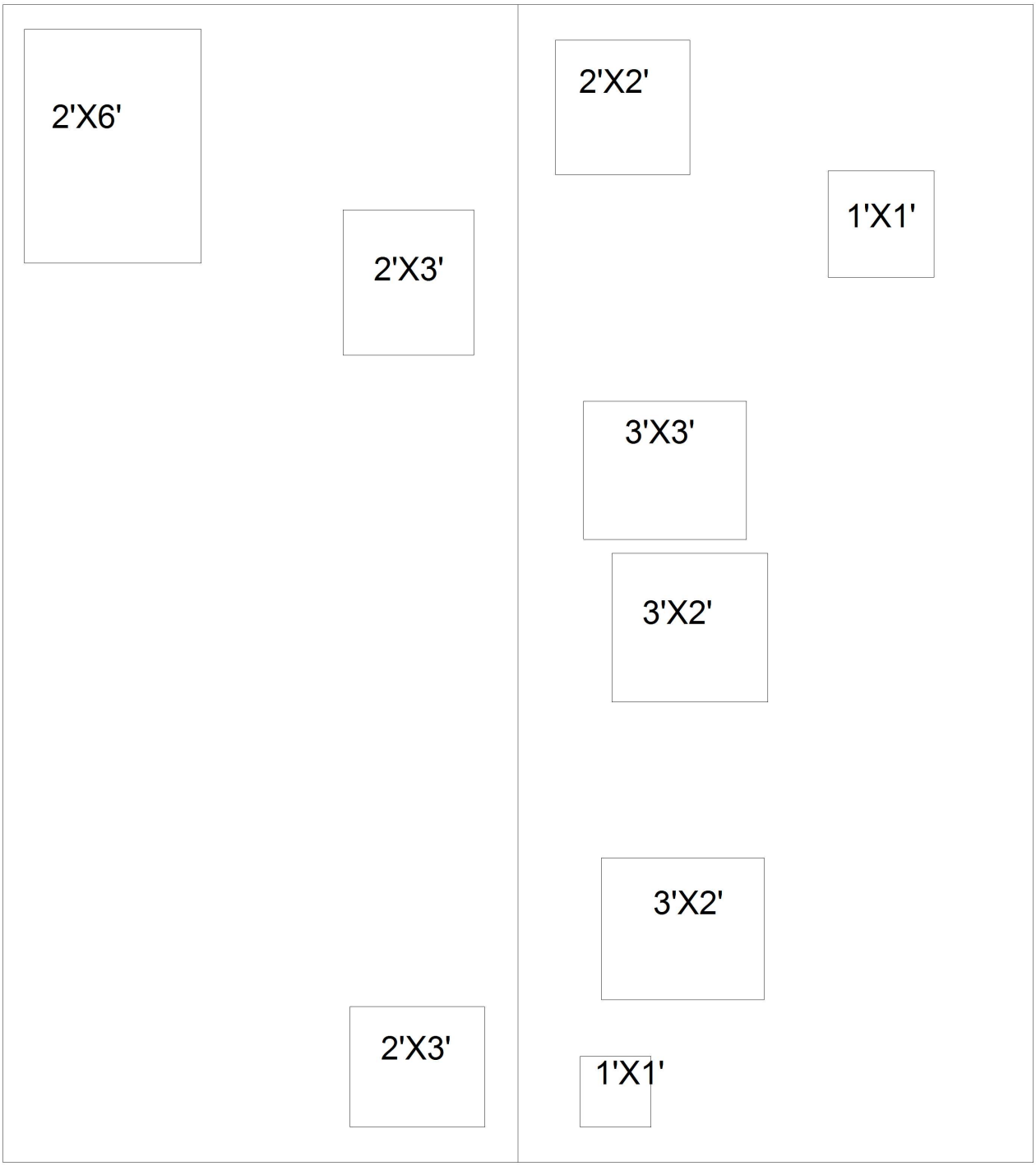
INTERIOR BENT 4

Title	Description
DELAMINATION SPAN 5	DELAMINATION SPAN 5 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000794

Bridge Inspection Field Sketch

SPAN 6 EAST BOUND



INTERIOR BENT 5

Title	Description
DELAMINATION SPAN 6	DELAMINATION SPAN 6 EAST BOUND

Bridge No:	Drawn By:	Date:	File Name:
430171	BA WILCOX	12/6/2018	S0198000795