



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION:

CHANGE IN AWS THICKNESS, CHANGE TO
STRUCTURE DATA, TEMPORARY REPAIRS,
PRIORITY MAINTENANCE

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: ROBESON STRUCTURE NUMBER: 770434 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1003 MILE POST:

LOCATION: 0.4 MI.N. OF JCT.SR1160

FEATURE INTERSECTED: BACK SWAMP

LATITUDE: 34° 37' 13.15" LONGITUDE: 79° 11' 33.29"

SUPERSTRUCTURE: PRESTR.CONC.CHANNELS,STD.BMD-13

SUBSTRUCTURE: E.BTS&INT.BTS:PRESTR.CONC.CAPS/TIMBER PILES@5'8CTS.

SPANS: 1@25'5";1@25';1@25'5

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

PRESENT CONDITION: Poor INSPECTION DATE: 04/14/2016

POSTED SV: 24 POSTED TTST: 32

OTHER SIGNS PRESENT: (4) DELINEATORS



LOOKING NORTH

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

INSPECTED BY JASON ROLFSMEYER	SIGNATURE 	ASSISTED BY GEORGE TEAGUE
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Span Element Report

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 1

Span Length 25.417 Feet

Number of Slabs/Channels: 12

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
15		Prestressed Concrete Top Flange	780	779	0	1	0	1	3326
109		Prestressed Concrete Open Girder/Beams	312	229	26	57	0	83	3306
216		Timber Abutment	38	32	6	0	0	6	3346
228		Timber Pile	6	6	0	0	0	0	3344
233		Prestressed Concrete Pier Cap	31	31	0	0	0	0	3348
316		Other Bearings	20	20	0	0	0	0	3334
515	316	Steel Protective Coating	0	0	0	0	0	0	3342
330		Metal Bridge Railing	52	47	5	0	0	5	3322
515	330	Steel Protective Coating	150	75	50	0	25	75	3342
510		Wearing Surface	740	590	0	150	0	150	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Span Number 2

Span Length 25 Feet

Number of Slabs/Channels: 12

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
15		Prestressed Concrete Top Flange	768	768	0	0	0	0	3326
109		Prestressed Concrete Open Girder/Beams	300	282	6	12	0	18	3306
228		Timber Pile	6	5	1	0	0	2	3344
233		Prestressed Concrete Pier Cap	31	31	0	0	0	0	3348
301		Pourable Joint Seal	31	0	0	31	0	31	3310
316		Other Bearings	20	20	0	0	0	0	3334
515	316	Steel Protective Coating	0	0	0	0	0	0	3342
330		Metal Bridge Railing	50	40	10	0	0	10	3322
515	330	Steel Protective Coating	150	0	100	0	50	150	3342
510		Wearing Surface	728	578	0	150	0	150	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Span Number 3

Span Length 25.417 Feet

Number of Slabs/Channels: 12

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
15		Prestressed Concrete Top Flange	780	780	0	0	0	0	3326
109		Prestressed Concrete Open Girder/Beams	312	217	74	21	0	95	3306
216		Timber Abutment	38	29	6	3	0	9	3346
228		Timber Pile	12	11	1	0	0	1	3344
233		Prestressed Concrete Pier Cap	62	61	1	0	0	1	3348
301		Pourable Joint Seal	31	31	0	0	0	0	3310
316		Other Bearings	20	20	0	0	0	0	3334
515	316	Steel Protective Coating	0	0	0	0	0	0	3342
330		Metal Bridge Railing	52	39	12	1	0	13	3322
515	330	Steel Protective Coating	150	0	98	0	52	150	3342
510		Wearing Surface	740	589	0	151	0	151	2816

"Near" Approach and Substructure quantities have been include for reporting purposes. The last span will also include End Bent 2 and Far Approach quantities where applicable

Superstructure Detailed Element Quantities

Structure Number: 770434

Inspection Date: 04/14/2016

Structure Number: 770434
Span Number 1

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Bridge Rail	1	330	Metal Bridge Railing	26	21	5	0	0	5	3322	☐ Requested
Protective System		515	Steel Protective Coating	75	0	50	0	25	75	3342	
☒ Bridge Rail	2	330	Metal Bridge Railing	26	26	0	0	0	0	3322	☐ Requested
Protective System		515	Steel Protective Coating	75	75	0	0	0	0	3342	
☒ Wearing Surfaces		510	Wearing Surface	740	590	0	150	0	150	2816	☐ Requested
☐ Beam	1	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	1	109	Prestressed Concrete Open Girder/Bear	26	0	0	26	0	26	3306	☒ Requested
☐ Beam	2	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	2	109	Prestressed Concrete Open Girder/Bear	26	16	10	0	0	10	3306	☐ Requested
☐ Beam	3	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	3	109	Prestressed Concrete Open Girder/Bear	26	25	1	0	0	1	3306	☐ Requested
☐ Beam	4	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	4	109	Prestressed Concrete Open Girder/Bear	26	10	8	8	0	16	3306	☒ Requested
☐ Beam	5	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	5	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	6	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	6	109	Prestressed Concrete Open Girder/Bear	26	13	0	13	0	13	3306	☒ Requested
☐ Beam	7	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	7	109	Prestressed Concrete Open Girder/Bear	26	24	0	2	0	2	3306	☒ Requested
☐ Beam	8	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	8	109	Prestressed Concrete Open Girder/Bear	26	21	5	0	0	5	3306	☐ Requested
☐ Beam	9	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	9	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	10	15	Prestressed Concrete Top Flange	65	64	0	1	0	1	3326	☐ Requested
☒ Beam	10	109	Prestressed Concrete Open Girder/Bear	26	21	2	3	0	5	3306	☒ Requested
☐ Beam	11	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	11	109	Prestressed Concrete Open Girder/Bear	26	22	0	4	0	4	3306	☒ Requested
☐ Beam	12	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	12	109	Prestressed Concrete Open Girder/Bear	26	25	0	1	0	1	3306	☒ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434
Span Number 2

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Bridge Rail	1	330	Metal Bridge Railing	25	20	5	0	0	5	3322	☐ Requested
Protective System		515	Steel Protective Coating	75	0	50	0	25	75	3342	
☒ Bridge Rail	2	330	Metal Bridge Railing	25	20	5	0	0	5	3322	☐ Requested
Protective System		515	Steel Protective Coating	75	0	50	0	25	75	3342	
☒ Wearing Surfaces		510	Wearing Surface	728	578	0	150	0	150	2816	☐ Requested
☐ Beam	1	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	1	109	Prestressed Concrete Open Girder/Bear	25	24	0	1	0	1	3306	☒ Requested
☐ Beam	2	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	2	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	3	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	3	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	4	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	4	109	Prestressed Concrete Open Girder/Bear	25	23	0	2	0	2	3306	☒ Requested
☐ Beam	5	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	5	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	6	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	6	109	Prestressed Concrete Open Girder/Bear	25	24	0	1	0	1	3306	☒ Requested
☐ Beam	7	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	7	109	Prestressed Concrete Open Girder/Bear	25	22	0	3	0	3	3306	☒ Requested
☐ Beam	8	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	8	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	9	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	9	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	10	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	10	109	Prestressed Concrete Open Girder/Bear	25	15	6	4	0	10	3306	☒ Requested
☐ Beam	11	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	11	109	Prestressed Concrete Open Girder/Bear	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	12	15	Prestressed Concrete Top Flange	64	64	0	0	0	0	3326	☐ Requested
☒ Beam	12	109	Prestressed Concrete Open Girder/Bear	25	24	0	1	0	1	3306	☒ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434
Span Number 2

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☒ Expansion Joints	1	301	Pourable Joint Seal	31	0	0	31	0	31	3310	☐ Requested

Structure Number: 770434
Span Number 3

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Bridge Rail	1	330	Metal Bridge Railing	26	19	7	0	0	7	3322	☐ Requested
Protective System		515	Steel Protective Coating	75	0	48	0	27	75	3342	
☒ Bridge Rail	2	330	Metal Bridge Railing	26	20	5	1	0	6	3322	☒ Requested
Protective System		515	Steel Protective Coating	75	0	50	0	25	75	3342	
☒ Wearing Surfaces		510	Wearing Surface	740	589	0	151	0	151	2816	☐ Requested
☐ Beam	1	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	1	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	2	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	2	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	3	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	3	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	4	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	4	109	Prestressed Concrete Open Girder/Bear	26	14	12	0	0	12	3306	☐ Requested
☐ Beam	5	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	5	109	Prestressed Concrete Open Girder/Bear	26	3	23	0	0	23	3306	☐ Requested
☐ Beam	6	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	6	109	Prestressed Concrete Open Girder/Bear	26	26	0	0	0	0	3306	☐ Requested
☐ Beam	7	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	7	109	Prestressed Concrete Open Girder/Bear	26	19	7	0	0	7	3306	☐ Requested
☐ Beam	8	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	8	109	Prestressed Concrete Open Girder/Bear	26	21	5	0	0	5	3306	☐ Requested
☐ Beam	9	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	9	109	Prestressed Concrete Open Girder/Bear	26	21	0	5	0	5	3306	☒ Requested
☐ Beam	10	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	10	109	Prestressed Concrete Open Girder/Bear	26	4	20	2	0	22	3306	☒ Requested
☐ Beam	11	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	11	109	Prestressed Concrete Open Girder/Bear	26	25	0	1	0	1	3306	☒ Requested
☐ Beam	12	15	Prestressed Concrete Top Flange	65	65	0	0	0	0	3326	☐ Requested
☒ Beam	12	109	Prestressed Concrete Open Girder/Bear	26	6	7	13	0	20	3306	☒ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 3

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	

Structure Number: 770434
Span Number 3

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☒ Expansion Joints	1	301	Pourable Joint Seal	31	31	0	0	0	0	3310	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 770434

Inspection Date: 04/14/2016

Span Number 1

Span 1	Bridge Rail	1	Component Name:	Steel Rail
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Element: 330 Name Metal Bridge Railing Qty: 26 Lvl 2: 5 Lvl 3: 0 Lvl 4: 0 Maint. Qty 5

Defect Description:

STEEL RAIL POSTS HAVE FRECKLED RUST. RAIL GALVANIZING DULL.

5 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. Section loss that has been arrested and does not warrant structural review.

50 Square Feet of Chalking (Steel Protective Coatings): Surface dulling.

25 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 1	Bridge Rail	2	Component Name:	Steel Rail
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Element: 330 Name Metal Bridge Railing Qty: 26 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty 0

Defect Description:

RT. STEEL GUARDRAIL SPAN 1 HAS NEW 20FT. LONG SECTION BEGINNING AT ABUTMENT 1 WITH 6 NEW STEEL POSTS

Span 1	Wearing Surfaces		Component Name:	Asphalt Wearing Surface
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Element: 510 Name Wearing Surface Qty: 740 Lvl 2: 0 Lvl 3: 150 Lvl 4: 0 Maint. Qty 150

Defect Description:

AWS HAS LONGITUDINAL 1/16IN. CRACKS SPACED 2-1/2FT. APART FULL SPAN LENGTH, AND TRANSVERSE 1/16IN. CRACKS NEAR MID-SPAN.

150 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.

Span 1	Beam	1	Component Name:	Prestressed Concrete Channel
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 0 Lvl 3: 26 Lvl 4: 0 Maint. Qty 26

Defect Description:

SPAN 1 CHANNEL 1 BOTTOM OF RT. LEG HAS A SPALL WITH EXPOSED STEEL BEGIN AT ABUT 1, 6FT. L X 3IN. H X FULL WIDTH. BOTTOM 3IN. OF REMAINING CHANNEL LEG LENGTH HAS DELAMINATION. PRIORITY MAINTENANCE. 26 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

SPAN 1 CHANNEL 1 AT BENT 1 BOTTOM OF LEFT LEG HAS TEMPORARY REPAIR CONC. PATCH WITH 1/16IN. CRACKS.

Span 1	Beam	2	Component Name:	Prestressed Concrete Channel
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 10 Lvl 3: 0 Lvl 4: 0 Maint. Qty 10

Defect Description:

SPAN 1 CHANNEL 2 AT BENT 1 BOTTOM OF LEFT LEG HAS TEMPORARY REPAIR CONC. PATCHING 18IN. LONG X 4IN. HIGH TO LEFT SIDE.

2 Feet of Patched Area: Patched area that is sound

SPAN 1 CHANNEL 2 BEGINNING 7FT. FROM ABUTMENT 1, BOTTOM OF RT. LEG HAS 1/32IN. HORIZONTAL CRACKING 8FT. LONG.

8 Feet of Cracking (PSC): Unsealed moderate-width cracks or unsealed moderate pattern (map) cracking.

Span 1	Beam	3	Component Name:	Prestressed Concrete Channel
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 1 Lvl 3: 0 Lvl 4: 0 Maint. Qty 1

Defect Description:

SPAN 1 CHANNEL 3 AT BENT BOTTOM RT. LEG HAS TEMPORARY REPAIR SOUND CONCRETE PATCH 1FT. LONG.

1 Feet of Patched Area: Patched area that is sound

Span 1	Beam	4	Component Name:	Prestressed Concrete Channel
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 8 Lvl 3: 8 Lvl 4: 0 Maint. Qty 16

Defect Description:

CHANNEL 4 AT BENT 1 AND AT MID-SPAN BOTTOM OF BOTH LEGS HAVE TEMPORARY REPAIRS SOUND CONC. PATCHES 4FT. LONG AT EACH LOCATION.

8 Feet of Patched Area: Patched area that is sound

CHANNEL 4 BEGIN AT ABUT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 5FT. L THEN SPALL WITH EXPOSED STEEL 3IN. H X 30IN. L. PRIORITY MAINTENANCE

8 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review. BEGIN AT ABUT 1, BOTTOM RT. LEG HAS 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. LONG THEN SPALL W/ EXPOSED STEEL 3IN. H X 2FT. L. PRIORITY MAINTENANCE

Span 1	Beam 6	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 0	Lvl 3: 13	Lvl 4: 0	Maint. Qty: 0	13		

Defect Description:

CHANNEL 6 BEGIN 4FT. FROM BENT 1 BOTTOM OF LT. LEG HAS CRACKS AND DELAMINATION 3IN. H X 5FT. LONG. PRIORITY MAINTENANCE

CHANNEL 6, 8FT. FROM ABUT 1 BOTTOM RT. LEG 1/16" CRACKS/ DELAMINATION 3IN. H X 7FT. LONG W/ SPALL & EXPOSED STEEL 3IN. H X 1FT. L. PRIORITY MAINTENANCE

13 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 1	Beam 7	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 0	Lvl 3: 2	Lvl 4: 0	Maint. Qty: 0	2		

Defect Description:

SPAN 1 CHANNEL 7 BEGIN 5FT. FROM BENT 1, BOTTOM RT. LEG HAS CONC. PATCH W/ SPALL & EXPOSED STEEL 4IN. H X 2FT. L, STEEL HAS RUST AND SCALE. PRIORITY MAINTENANCE

2 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 1	Beam 8	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 5	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 0	5		

Defect Description:

CHANNEL 8 AT MID-SPAN BOTTOM LT. LEG HAS TEMPORARY REPAIR SOUND CONCRETE PATCH 4FT. LONG. 4 Feet of Patched Area: Patched area that is sound

RT. LEG AT ABUTMENT 1 HAS TWO 3IN. DIA. X 1/2IN. D. POP-OFFS WITH EXPOSED VERTICAL REBAR.

1 Feet of Delamination/Spall: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter.

Span 1	Beam 10	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 2	Lvl 3: 3	Lvl 4: 0	Maint. Qty: 0	5		

Defect Description:

CHANNEL 10 AT ABUTMENT 1, BOTTOM OF LEFT LEG HAS SPALL 1/2IN. D X 16IN. L X 1IN. - 3IN. HIGH WITH 1IN. OF EXPOSED VERTICAL STEEL

2 Feet of Delamination/Spall: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter.

CHANNEL 10, 9FT. FROM BENT BOTTOM LT. LEG DELAMINATION 3IN. H X 2FT. L & SPALL W/ EXPOSED STEEL 10IN. L X 2IN. H X 1IN. D. PRIORITY MAINTENANCE

3 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 1	Beam 10	Component Name:	Prestressed Concrete Channel						
Element: 15	Name Prestressed Concrete Top Flan	Qty: 65	Lvl 2: 0	Lvl 3: 1	Lvl 4: 0	Maint. Qty: 0	1		

Defect Description:

SPAN 1 CHANNEL 10, 3FT. FROM BENT, UNDERSIDE OF TOP SLAB HAS 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE. PRIORITY MAINTENANCE

1 Square Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 1	Beam 11	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 0	Lvl 3: 4	Lvl 4: 0	Maint. Qty: 0	4		

Defect Description:

CHANNEL 11 NEAR ABUT 1, BOTTOM RT. LEG 1/16IN. CRACKS/ DELAMINATION 3IN. HIGH X 30IN. LONG. PRIORITY MAINTENANCE

3 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

CHANNEL 11 AT BENT BOTH LEGS HAVE A SPALL WITH EXPOSED STEEL UP TO 1FT. L X UP TO 7IN. H X 2IN. DEEP. PRIORITY MAINTENANCE

1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 1	Beam 12	Component Name:	Prestressed Concrete Channel						
Element: 109	Name Prestressed Concrete Open Gir	Qty: 26	Lvl 2: 0	Lvl 3: 1	Lvl 4: 0	Maint. Qty: 0	1		

Defect Description:

CHANNEL 12 AT BENT, BOTTOM OF LT. LEG HAS SPALL WITH EXPOSED STEEL 1FT. L X 8IN. H X UP TO 1IN. DEEP. PRIORITY MAINTENANCE.

1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Bridge Rail	1	Component Name:	Steel Rail					
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Element: 330 Name Metal Bridge Railing Qty: 25 Lvl 2: 5 Lvl 3: 0 Lvl 4: 0 Maint. Qty 5

Defect Description:

STEEL RAIL POSTS HAVE FRECKLED RUST. RAIL GALVANIZING DULL.

5 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. Section loss that has been arrested and does not warrant structural review.

50 Square Feet of Chalking (Steel Protective Coatings): Surface dulling.

25 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 2	Bridge Rail	2	Component Name:	Steel Rail					
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Element: 330 Name Metal Bridge Railing Qty: 25 Lvl 2: 5 Lvl 3: 0 Lvl 4: 0 Maint. Qty 5

Defect Description:

STEEL RAIL POSTS HAVE FRECKLED RUST. RAIL GALVANIZING DULL.

5 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. Section loss that has been arrested and does not warrant structural review.

50 Square Feet of Chalking (Steel Protective Coatings): Surface dulling.

25 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 2	Wearing Surfaces		Component Name:	Asphalt Wearing Surface					
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Element: 510 Name Wearing Surface Qty: 728 Lvl 2: 0 Lvl 3: 150 Lvl 4: 0 Maint. Qty 150

Defect Description:

AWS HAS LONGITUDINAL 1/16IN. CRACKS SPACED 2-1/2FT. APART FULL SPAN LENGTH, AND TRANSVERSE 1/16IN. CRACKS NEAR MID-SPAN.

150 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.

Span 2	Beam	1	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

CHANNEL 1 AT BENT 1 BOTTOM OF BOTH LEGS HAVE SPALLS WITH EXPOSED STEEL UP TO 1IN. D X 1FT. L X 8IN. HIGH. PRIORITY MAINTENANCE

1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Beam	4	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 0 Lvl 3: 2 Lvl 4: 0 Maint. Qty 2

Defect Description:

CHANNEL 4 AT BENT 2 BOTTOM LT. LEG HAS SPALL WITH EXPOSED STEEL 18IN. L X 4IN. HIGH. PRIORITY MAINTENANCE

2 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Beam	6	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

CHANNEL 6 AT BENT 2 BOTTOM RT. LEG HAS SPALL WITH EXPOSED STEEL 6IN. L X 3IN. HIGH. PRIORITY MAINTENANCE

1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Beam	7	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 0 Lvl 3: 3 Lvl 4: 0 Maint. Qty 3

Defect Description:

MID-SPAN 2 CHANNEL 7 BOTTOM RT LEG HAS TEMPORARY REPAIR, CONC. PATCH W/ CRACKS/ DELAMINATION 4IN. H X 3FT. LONG. PRIORITY MAINTENANCE

3 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Beam	10	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 6 Lvl 3: 4 Lvl 4: 0 Maint. Qty 10

Defect Description:

CHANNEL 10 AT BENT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 3FT. L & SPALL WITH EXPOSED STEEL 5IN. L X 2IN. H X 1IN. DEEP. PRIORITY MAINTENANCE

4 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

CHANNEL 10 AT MID-SPAN, LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 6FT. LONG.

6 Feet of Patched Area: Patched area that is sound

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Span 2	Beam	12	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 25 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1

Defect Description:

CHANNEL 12 RT. LEG AT BENT 1 SPALL WITH EXPOSED STEEL 1IN. D X 1FT. L X 6IN. HIGH. PRIORITY MAINTENANCE
1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span 2	Expansion Joints	1	Component Name:	Standard Joint					
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Element: 301 Name Pourable Joint Seal Qty: 31 Lvl 2: 0 Lvl 3: 31 Lvl 4: 0 Maint. Qty: 31

Defect Description:

MOISTURE STAINS ON CAP.

31 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Span Number 3

Span 3	Bridge Rail	1	Component Name:	Steel Rail					
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Element: 330 Name Metal Bridge Railing Qty: 26 Lvl 2: 7 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 7

Defect Description:

STEEL RAIL POSTS AND 2FT. OF RAIL HAVE FRECKLED RUST. RAIL GALVANIZING DULL.

7 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. Section loss that has been arrested and does not warrant structural review.

48 Square Feet of Chalking (Steel Protective Coatings): Surface dulling.

27 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 3	Bridge Rail	2	Component Name:	Steel Rail					
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Element: 330 Name Metal Bridge Railing Qty: 26 Lvl 2: 5 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 6

Defect Description:

SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE

1 Feet of Connection: Missing bolts, rivets, or fasteners; broken welds; or pack rust with distortion but does not warrant a structural review.

STEEL RAIL POSTS HAVE FRECKLED RUST. RAIL GALVANIZING DULL.

5 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated. Section loss that has been arrested and does not warrant structural review.

50 Square Feet of Chalking (Steel Protective Coatings): Surface dulling.

25 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 3	Wearing Surfaces		Component Name:	Asphalt Wearing Surface					
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Element: 510 Name Wearing Surface Qty: 740 Lvl 2: 0 Lvl 3: 151 Lvl 4: 0 Maint. Qty: 151

Defect Description:

AWS ABOVE BENT 2 JOINT 1/16IN. CRACKS AND RAVELING WITH MATERIAL MISSING IN NBL 16IN. W X 6IN. L X 2-1/2IN. DEEP.

1 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Spall 1 in. deep or greater or 6 in. diameter or greater. Patched area that is unsound or showing distress. Full depth pothole.

AWS HAS LONGITUDINAL 1/16IN. CRACKS SPACED 2-1/2FT. APART FULL SPAN LENGTH, AND TRANSVERSE 1/16IN. CRACKS NEAR MID-SPAN.

150 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.

Span 3	Beam	4	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 12 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 12

Defect Description:

SPAN 3 CHANNEL 4 BEGIN NEAR ABUTMENT 2, LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 6IN. H X 12FT. LONG.

12 Feet of Patched Area: Patched area that is sound

Span 3	Beam	5	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 23 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 23

Defect Description:

SPAN 3 CHANNEL 5 BOTTOM OF RT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 4IN. H X 23FT. LONG.

23 Feet of Patched Area: Patched area that is sound

Span 3	Beam	7	Component Name:	Prestressed Concrete Channel					
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Element: 109 Name Prestressed Concrete Open Gir Qty: 26 Lvl 2: 7 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 7

Defect Description:

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MID-SPAN 3 CHANNEL 7 BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 4IN. H X 7FT. LONG.
7 Feet of Patched Area: Patched area that is sound

Span	3	Beam	8	Component Name:	Prestressed Concrete Channel				
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Element:	109	Name	Prestressed Concrete Open Gir	Qty:	26	Lvl 2:	5	Lvl 3	0	Lvl 4	0	Maint. Qty	5
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Defect Description:

MID-SPAN 3 CHANNEL 8 BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 3IN. H X 5FT. LONG.
5 Feet of Patched Area: Patched area that is sound

Span	3	Beam	9	Component Name:	Prestressed Concrete Channel				
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Element:	109	Name	Prestressed Concrete Open Gir	Qty:	26	Lvl 2:	0	Lvl 3	5	Lvl 4	0	Maint. Qty	5
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Defect Description:

CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG. PRIORITY MAINTENANCE
5 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span	3	Beam	10	Component Name:	Prestressed Concrete Channel				
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Element:	109	Name	Prestressed Concrete Open Gir	Qty:	26	Lvl 2:	20	Lvl 3	2	Lvl 4	0	Maint. Qty	22
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Defect Description:

CHANNEL 10 AT BENT BOTTOM LT. LEG HAS SPALL WITH EXPOSED STEEL 6IN. H X 18IN. LONG. STRANDS HAVE RUST & SCALE. PRIORITY MAINTENANCE
2 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

SPAN 3 CHANNEL 10 BEGIN 2FT. FROM BENT BOTTOM LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 20FT. LONG.
20 Feet of Patched Area: Patched area that is sound

Span	3	Beam	11	Component Name:	Prestressed Concrete Channel				
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Element:	109	Name	Prestressed Concrete Open Gir	Qty:	26	Lvl 2:	0	Lvl 3	1	Lvl 4	0	Maint. Qty	1
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Defect Description:

SPAN 3 CHANNEL 11 RT. LEG AT BENT 2 CRACKS/ DELAMINATION 6IN. L X 8IN. H & SPALL W/ EXPOSED STEEL 8IN. H X 6IN. L X 1/2IN. DEEP. PRIORITY MAINTENANCE
1 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span	3	Beam	12	Component Name:	Prestressed Concrete Channel				
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Element:	109	Name	Prestressed Concrete Open Gir	Qty:	26	Lvl 2:	7	Lvl 3	13	Lvl 4	0	Maint. Qty	20
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Defect Description:

CHANNEL 12, BEGIN 2FT. FROM ABUTMENT 2, BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 3IN. H X 3FT. LONG. NEAR BENT 2 BOTTOM RT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 4IN. H X 4FT. LONG.
7 Feet of Patched Area: Patched area that is sound

MID-SPAN 3 CHANNEL 12 BOTTOM LT. LEG 1/16IN. CRACKS & DELAMINATION 4IN. H X 3FT. LONG X FULL WIDTH. PRIORITY MAINTENANCE. BEGINNING AT BENT 2, BOTTOM LT. LEG, SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH, 10FT. LONG. PRIORITY MAINTENANCE
13 Feet of Delamination/Spall: Spall greater than 1 in. deep or greater than 6 in. diameter. Does not warrant structural review.

Span	3	Expansion Joints	1	Component Name:	Standard Joint				
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Element:	301	Name	Pourable Joint Seal	Qty:	31	Lvl 2:	0	Lvl 3	0	Lvl 4	0	Maint. Qty	0
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Defect Description:

MOISTURE STAINS ON CAP.
31 Feet of Leakage: Moderate. More than a drip and less than free flow of water.

Substructure Detailed Element Quantities

Structure Number: 770434
End Bent 1

Inspection Date: 04/14/2016

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Caps	1	233	Prestressed Concrete Pier Cap	31	31	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	6	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Abutments	1	216	Timber Abutment	38	32	6	0	0	6	3346	☐ Requested

Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Caps	1	233	Prestressed Concrete Pier Cap	31	31	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	6	228	Timber Pile	1	0	1	0	0	2	3344	☐ Requested

Structure Number: 770434

Inspection Date: 04/14/2016

Bent 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Caps	1	233	Prestressed Concrete Pier Cap	31	30	1	0	0	1	3348	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	1	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	6	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

End Bent 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☒ Caps	1	233	Prestressed Concrete Pier Cap	31	31	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	2	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	3	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	5	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Piles and Columns	6	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested
☒ Abutments	1	216	Timber Abutment	38	29	6	3	0	9	3346	☒ Requested

Substructure Element Defect Descriptions

Structure Number: 770434

Inspection Date: 04/14/2016

End Bent 1

End Bent 1	Row 1	Caps	1
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Element: 233	Name	Prestressed Concrete Pier Cap	Qty: 31	Lvl 2: 0	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 0
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Defect Description:

AT BOTH ENDS OF CAP, ENDS OF PRESTRESSING STEEL VISIBLE ON CONC. SURFACE.

End Bent 1	Row 1	Abutments	1
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Element: 216	Name Timber Abutment	Qty: 38	Lvl 2: 6	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 6
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Defect Description:

SPOT DECAY BEHIND TIMBER PILES 1IN. DEEP.

6 Feet of Decay/Section Loss: Affects less than 10% of the member section

BULKHEAD BOARDS ARE 1/8IN. SOFT.

Bent 1	Row 1	Caps	1
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Element: 233	Name	Prestressed Concrete Pier Cap	Qty: 31	Lvl 2: 0	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 0
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Defect Description:

AT BOTH ENDS OF CAP, ENDS OF PRESTRESSING STEEL VISIBLE ON CONC. SURFACE.

Bent 1	Row 1	Piles and Columns	6
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Element: 228	Name Timber Pile	Qty: 1	Lvl 2: 1	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 2
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Defect Description:

1/4IN. W X 1IN. D VERTICAL CHECKS.

1 Each of Check/Shake: Penetrates 5%-50% of the thickness of the member and not in the tension zone.

Bent 2	Row 1	Caps	1
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Element: 233	Name	Prestressed Concrete Pier Cap	Qty: 31	Lvl 2: 1	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 1
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Defect Description:

1/32IN. VERTICAL CRACK ON LEFT END OF CAP.

1 Feet of Cracking (PSC): Unsealed moderate-width cracks or unsealed moderate pattern (map) cracking.

AT BOTH ENDS OF CAP, ENDS OF PRESTRESSING STEEL VISIBLE ON CONC. SURFACE.

Bent 2	Row 1	Piles and Columns	4
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Element: 228	Name Timber Pile	Qty: 1	Lvl 2: 1	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 1
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Defect Description:

1IN. DEEP DECAY ON SOUTH SIDE 1FT. L X 5IN. W.

1 Each of Decay/Section Loss: Affects less than 10% of the member section

End Bent 2	Row 1	Caps	1
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Element: 233	Name	Prestressed Concrete Pier Cap	Qty: 31	Lvl 2: 0	Lvl 3: 0	Lvl 4: 0	Maint. Qty: 0
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Defect Description:

AT BOTH ENDS OF CAP, ENDS OF PRESTRESSING STEEL VISIBLE ON CONC. SURFACE.

End Bent 2	Row 1	Abutments	1
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Element: 216	Name Timber Abutment	Qty: 38	Lvl 2: 6	Lvl 3: 3	Lvl 4: 0	Maint. Qty: 9
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Defect Description:

ABUT 2 LT. END BULKHEAD BOARDS HAVE 3 SQUARE FEET OF DECAY EXPOSING FILL. PRIORITY MAINTENANCE

3 Feet of Decay/Section Loss: Affects 10% or more of the member but does not warrant structural review.

BULKHEAD BOARDS ARE 1/8IN. SOFT.

SPOT DECAY BEHIND TIMBER PILES 1IN. DEEP.

6 Feet of Decay/Section Loss: Affects less than 10% of the member section

**BRIDGE INSPECTION RECORD AND SUMMARY
FOR SHORED STRUCTURES OR STRUCTURES
WITH TEMPORARY REPAIRS MADE TO KEEP
A BRIDGE OPEN**

BRIDGE 770434

COUNTY Robeson

DATE 4/23/2007

THE FOLLOWING S. I. & A ITEMS ARE TO BE CODED TO REFLECT THE FACT
THAT THE STRUCTURE IS SHORED OR HAS HAD TEMPORARY REPAIRS MADE
TO KEEP THE BRIDGE OPEN :

		<u>CODE</u>	<u>BY</u>
S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION		T	JRJ
S I & A ITEM 59 - SUPERSTRUCTURE		3	JRJ
S I & A ITEM 60 - SUBSTRUCTURE			
S I & A ITEM 64 OPERATING RATING			
HS	01	BY: RPG	101
S I & A ITEM 66 - INVENTORY RATING			
HS	01	BY: RPG	101

COMMENTS

temporary repairs to prestressed channels

National Bridge and NC Inspection Items

Structure Number: 770434

Inspection Date: 04/14/2016

National Bridge Inventory Items

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

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	F	10	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	F		
Estimated Remaining Life	0 - 100 Years	14		

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	15
Traffic Control Time	Hours	0
Snooper Time	Hours	0
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: 770434

Inspection Date: 04/14/2016

Item	Deck - Item 58	Grade	4	Maint Code	Qty.	0
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Details AWS THICKNESS REVISED AND MEASURED, AVERAGE THICKNESS INCREASED TO 2 INCHES.

Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
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Details PRIORITY MAINTENANCE ISSUED FOR SPALLS WITH EXPOSED STEEL IN CHANNELS, AND DECAYED BULKHEAD BOARDS.

Item	Presently Posted	Grade	Y	Maint Code	Qty.	0
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Details SV 24 TTST 32

Item	Response to live load	Grade	F	Maint Code	Qty.	0
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Details HEAVY VIBRATION OBSERVED UNDER HEAVY LIVE LOAD.

Item	Estimated Remaining Life	Grade	14	Maint Code	Qty.	0
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Details ESTIMATED REMAINING LIFE DROPPED DUE TO SUPERSTRUCTURE CONDITIONS.

Item	Wingwalls	Grade	F	Maint Code	3350	Qty.	10
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Details SOUTHEAST CORNER WINGWALL TOP BOARD DECAYED AND LOOSE EXPOSING FILL.
NORTHEAST CORNER WINGWALL TOP TWO BOARDS DECAYED LOOSE AND FALLEN.

Item	Field Scour Evaluation	Grade	O	Maint Code	Qty.	0
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Details SEE BRIDGE SCOUR ASSESSMENT 7/29/2005
NOT SCOUR CRITICAL CODE (8)



SPAN 1 CHANNEL 6 BEGIN 4FT. FROM BENT 1 BOTTOM OF LT. LEG HAS 1/32IN. CRACKS AND DELAMINATION 3IN. H X 5FT. LONG. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 6, 8FT. FROM ABUT 1 BOTTOM RT. LEG 1/16" CRACKS/ DELAMINATION 3IN. H X 7FT. LONG W/ SPALL & EXPOSED STEEL 3IN. H X 1FT. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 7 BEGIN 5FT. FROM BENT 1, BOTTOM RT. LEG HAS CONC. PATCH W/ SPALL & EXPOSED STEEL 4IN. H X 2FT. L, STEEL HAS RUST AND SCALE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 8 AT MID-SPAN BOTTOM LT. LEG HAS TEMPORARY REPAIR CONCRETE PATCH 4FT. L



SPAN 1 CHANNEL 10, 3FT. FROM BENT, UNDERSIDE OF TOP SLAB HAS 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 10, 3FT. FROM BENT, UNDERSIDE OF TOP SLAB HAS 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 10, 9FT. FROM BENT BOTTOM LT. LEG DELAMINATION 3IN. H X 2FT. L & SPALL W/ EXPOSED STEEL 10IN. L X 2IN. H X 1IN. D. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 11 NEAR ABUT 1, BOTTOM RT. LEG 1/16IN. CRACKS/ DELAMINATION 3IN. HIGH X 30IN. LONG. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 3 AT BENT BOTTOM RT. LEG HAS TEMPORARY REPAIR SOUND CONCRETE PATCH 1FT. LONG.



SPAN 1 CHANNEL 4 AT BENT, BOTTOM OF RT LEG HAS TEMPORARY REPAIR SOUND CONC. PATCH 3FT. LONG



SPAN 1 CHANNEL 4 AT BENT, BOTTOM OF LT LEG HAS TEMPORARY REPAIR SOUND CONC. PATCH 4FT. LONG



SPAN 1 CHANNEL 11 AT BENT BOTH LEGS HAVE A SPALL WITH EXPOSED STEEL UP TO 1FT. L X UP TO 7IN. H X 2IN. DEEP. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 12 AT BENT, BOTTOM OF LT. LEG HAS SPALL WITH EXPOSED STEEL 1FT. L X 8IN. H X UP TO 1IN. DEEP. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 12 RT. LEG AT BENT 1 SPALL WITH EXPOSED STEEL 1IN. D X 1FT. L X 6IN. HIGH. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 10 AT BENT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 3FT. L & SPALL WITH EXPOSED STEEL 5IN. L X 2IN. H X 1IN. DEEP. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 10 AT MID-SPAN, LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 6FT. LONG.



MID-SPAN 2 CHANNEL 7 BOTTOM RT LEG HAS TEMPORARY REPAIR, CONC. PATCH W/ CRACKS/ DELAMINATION 4IN. H X 3FT. LONG. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 1 RT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 1FT. L X 8IN. HIGH. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 1 LT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 8IN. L X 6IN. HIGH.
PRIORITY MAINTENANCE



NORTHEAST CORNER WINGWALL TOP TWO BOARDS DECAYED LOOSE AND FALLEN.



SPAN 3 CHANNEL 12, BEGIN 2FT. FROM ABUTMENT 2, BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 3IN. H X 3FT. LONG.



MID-SPAN 3 CHANNEL 12 BOTTOM LT. LEG 1/16IN. CRACKS & DELAMINATION 4IN. H X 3FT. LONG X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 12 NEAR BENT 2 BOTTOM RT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 4IN. H X 4FT. LONG.



SPAN 3 CHANNEL 12 BEGIN AT BENT 2, BOTTOM LT. LEG 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 12 BEGIN AT BENT 2, BOTTOM LT. LEG 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 11 RT. LEG AT BENT 2 CRACKS/ DELAMINATION 6IN. L X 8IN. H & SPALL W/ EXPOSED STEEL 8IN. H X 6IN. L X 1/2IN. DEEP. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 10 AT BENT BOTTOM LT. LEG HAS SPALL WITH EXPOSED STEEL 6IN. H X 18IN. LONG. STRANDS HAVE RUST & SCALE. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 10 BEGIN 2FT. FROM BENT BOTTOM LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 20FT. LONG.



SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG. PRIORITY MAINTENANCE



MID-SPAN 3 CHANNEL 8 BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 3IN. H X 5FT. LONG.



MID-SPAN 3 CHANNEL 7 BOTTOM OF LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCH 4IN. H X 7FT. LONG.



SPAN 3 CHANNEL 5 BOTTOM OF RT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 4IN. H X 23FT. LONG.



RIGHT CURB SPAN 1 HAS CONCRETE PATCHING 14 FT. LONG STARTING AT SOUTH END.



RIGHT CURB SPAN 1 HAS CONCRETE PATCHING 14 FT. LONG STARTING AT SOUTH END.



SOUTHEAST CORNER WINGWALL TOP BOARD DECAYED AND LOOSE EXPOSING FILL.



SPAN 1 CHANNEL 10 AT ABUTMENT 1, BOTTOM OF LEFT LEG HAS SPALL WITH EXPOSED VERTICAL STEEL
1/2IN. D X 16IN. L X 1IN. - 3IN. HIGH.



SPAN 1 CHANNEL 1 BOTTOM OF RT. LEG HAS A SPALL WITH EXPOSED STEEL BEGIN AT ABOUT 1, 6FT. L X 3IN. H X FULL WIDTH. BOTTOM 3IN. OF REMAINING CHANNEL LEG LENGTH HAS DELAMINATION. PRIORITY MAINTENANCE.



SPAN 1 CHANNEL 1 BOTTOM OF RT. LEG HAS A SPALL WITH EXPOSED STEEL BEGIN AT ABOUT 1, 6FT. L X 3IN. H X FULL WIDTH. BOTTOM 3IN. OF REMAINING CHANNEL LEG LENGTH HAS DELAMINATION. PRIORITY MAINTENANCE.



SPAN 1 CHANNEL 1 AT BENT 1 BOTTOM OF LEFT LEG HAS TEMPORARY REPAIR CONC. PATCH WITH 1/16IN. CRACKS.



SPAN 1 CHANNEL 2 AT BENT 1 BOTTOM OF LEFT LEG HAS TEMPORARY REPAIR CONC. PATCHING 18IN. LONG X 4IN. HIGH TO LEFT SIDE.



SPAN 1 CHANNEL 2 BEGINNING 7FT. FROM ABUTMENT 1, BOTTOM OF RT. LEG HAS 1/32IN. HORIZONTAL CRACKING 8FT. LONG.



SPAN 1 CHANNEL 4 AT MID-SPAN LT. LEG HAS TEMPORARY REPAIR SOUND CONC. PATCH 4FT. LONG



SPAN 1 CHANNEL 4 BEGIN AT ABUT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 5FT. L THEN SPALL WITH EXPOSED STEEL 3IN. H X 30IN. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 4 BEGIN AT ABUT 1, BOTTOM RT. LEG HAS 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. LONG THEN SPALL W/ EXPOSED STEEL 3IN. H X 2FT. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 4 AT MID-SPAN RT. LEG HAS TEMPORARY REPAIR SOUND CONC. PATCH 4FT. LONG



SPAN 3 CHANNEL 4 BEGIN NEAR ABUTMENT 2, LT. LEG HAS TEMPORARY REPAIR, SOUND CONC. PATCHING 6IN. H X 12FT. LONG.



ABUT 2 LT. END BULKHEAD BOARDS HAVE 3 SQUARE FEET OF DECAY EXPOSING FILL. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 6 AT BENT 2 BOTTOM RT. LEG HAS SPALL WITH EXPOSED STEEL 6IN. L X 3IN. HIGH. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 4 AT BENT 2 BOTTOM LT. LEG HAS SPALL WITH EXPOSED STEEL 18IN. L X 4IN. HIGH.
PRIORITY MAINTENANCE



SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X
3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE



SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE



AWS ABOVE BENT 2 JOINT 1/16IN. CRACKS AND RAVELING WITH MATERIAL MISSING IN NBL 16IN. W X 6IN. L X 2-1/2IN. DEEP.



AWS HAS LONGITUDINAL CRACKS SPACED 2-1/2FT. APART IN ALL SPANS



RT. STEEL GUARDRAIL SPAN 1 HAS NEW 20FT. LONG SECTION BEGINNING AT ABUTMENT 1 WITH 6 NEW STEEL POSTS. CONCRETE CURB PATCHED HERE.



LOOKING NORTH



SOUTH POSTING



LOOKING WEST



ABUTMENT 1



BENT 1



BENT 2



LOOKING UPSTREAM



LOOKING DOWNSTREAM



LOOKING UPSTREAM



LOOKING EAST



NORTH POSTING



LOOKING SOUTH



ABUTMENT 2



LOOKING DOWNSTREAM



NORTH APPROACH



SUPERSTRUCTURE SPAN 2



SOUTH APPROACH

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

Run Date: 09/29/2016

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	770434		SUFFICIENCY RATING =	27.67		
(8) STRUCTURE NUMBER(FEDERAL)		000000001550434		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31010030					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	155	(4) PLACE CODE	0				
(6) FEATURE INTERSECTED -	BACK SWAMP						
(7) FACILITY CARRIED	SR1003						
(9) LOCATION	0.4 MI.N. OF JCT.SR1160						
(11)MILEPOINT		0					
(16)LAT	34° 37' 13.15"	(17)LONG	79° 11' 33.29"				
(98)BORDER BRIDGE STATE CODE		PCT SHARE					
(99)BORDER BRIDGE STRUCTURE NO							
STRUCTURE TYPE AND MATERIAL				CLASSIFICATION			
(43) STRUCTURE TYPE MAIN:	Prestressed Concrete			(112)NBIS BRIDGE SYSTEM -	YES		
TYPE -	Channel Beam	CODE	522	(104)HIGHWAY SYSTEM	Is not on NHS	0	
(44) STRUCTURE TYPE APPR :				(26) FUNCTIONAL CLASS -	Minor Collector	08	
TYPE -		CODE	000	(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0	
(45) NUMBER OF SPANS IN MAIN UNIT		3		(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(46) NUMBER OF APPROACH SPANS				(102)DIRECTION OF TRAFFIC -	2-way Traffic	2	
(107)DECK STRUCTURE TYPE -	1	CODE		(103)TEMPORARY STRUCTURE -	Temporary Structure/Conditions	T	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(110)DESIGNATED NATIONAL NETWORK -	Not on the National Network	0	
(A) TYPE OF WEARING SURFACE -		CODE		(20) TOLL	On Free Road	3	
(B) TYPE OF MEMBRANE -		CODE		(31) MAINTAIN -	State Highway Agency	01	
(C) TYPE OF DECK PROTECTION -		CODE		(22) OWNER -	State Highway Agency	01	
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5	
				CONDITION			
(58) DECK				4			
(59) SUPERSTRUCTURE				3			
(60) SUBSTRUCTURE				7			
(61) CHANNEL & CHANNEL PROTECTION				7			
(62) CULVERTS				N			
				LOAD RATING AND POSTING			
(31) DESIGN LOAD	H 15			2			
(63) OPERATING RATING METHOD -	Load Factor			1			
(64) OPERATING RATING -	HS-1			1			
(65) INVENTORY RATING METHOD -	Load Factor			1			
(66) INVENTORY RATING -	HS-1			1			
(70) BRIDGE POSTING -	Posting Required			3			
(41) STRUCTURE OPEN, POSTED ,OR CLOSED				P			
DESCRIPTION -	Posted for Load						
				APPRAISAL			
(67) STRUCTURAL EVALUATION				3			
(68) DECK GEOMETRY				5			
(69) UNDERCLEARANCES,VERTI & HORIZ				N			
(71) WATERWAY ADEQUACY				7			
(72) APPROACH ROADWAY ALIGNMENT				8			
(36) TRAFFIC SAFETY FEATURES				0000			
(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	4000	(115) YEAR FUTURE ADT	2025				
				INSPECTIONS			
(90) INSPECTION DATE				04/14/2016			
(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							
AGE AND SERVICE							
(27) YEAR BUILT		1970					
(106)YEAR RECONSTRUCTED							
(42) TYPE OF SERVICE : ON -	Highway						
UNDER -	Waterway	CODE	15				
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE	0				
(29) AVERAGE DAILY TRAFFIC		2000					
(30) YEAR OF ADT	2013	(109) TRUCK ADT PCT	6%				
(19) BYPASS OR DETOUR LENGTH		5 MI					
GEOMETRIC DATA							
(48) LENGTH OF MAXIMUM SPAN		24 FT					
(49) STRUCTURE LENGTH		76 FT					
(50)CURB OR SIDEWALK: LEFT	.4585 FT	RIGHT	.4585 FT				
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		29.083 FT					
(52) DECK WIDTH OUT TO OUT		30.504 FT					
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		26 FT					
(33) BRIDGE MEDIAN -	No Median	CODE	0				
(34) SKEW	0°	(35) STRUCTURE FLARED	0				
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT					
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		29.083 FT					
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT					
(54) MIN VERT UNDERCLEAR REF	Not a Highway or Railroad	0 FT					
(55) MIN LAT UNDERCLEAR RT REF	Not a Highway or Railroad	000 FT					
(56) MIN LAT UNDERCLEAR LT REF -		000 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					

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 09/29/2016

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ROBESON	6	1	770434	76	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1003	BACK SWAMP

LOCATED :	BRIDGE NAME :	CITY :
0.4 MI.N. OF JCT.SR1160		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
08	NFA	NFA	2000 2013	LT 233 RT 233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1970	SHC	9363		H 15

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
	DBM		TAN.	90	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		10 FT		3		FT

SUPERSTRUCTURE :	PRESTR. CONC. CHANNELS, STD.BMD-13
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SUBSTRUCTURE :	E.BTS&INT.BTS:PRESTR.CONC.CAPS/TIMBER PILES@5'8CTS.
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SPANS :	1@25'5", 1@25', 1@25'5"
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BEAMS OR GIRDERS :	12 LNS 31" PRESTRESSED CONCRETE CHANNEL SECTIONS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
PPC.CH./2" AWS		30.504 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
29.083 FT	30 FT	LT .4585 FT RT .4585 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	BMD 13-30A	SV 24	32	06/28/2012

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	25	BRIDGE POSTED SV 24 TTST 32 SPAN 1 CHANNEL 1 RT. LEG BOTTOM HAS SPALL WITH EXPOSED STEEL BEGIN AT ABUT 1, 6FT. L X 3IN. H, BOTTOM 3IN. OF RT. LEG HAS DELAMINATION IN THE REMAINING CHANNEL LENGTH.	
 3306	Maintain Concrete Superstructure Components	SF	8	SPAN 1 CHANNEL 4 BOTTOM LT. LEG BEGIN AT ABUT 1 DELAMINATION 3IN. H X 5FT. L THEN SPALL WITH EXPOSED STEEL 3IN. H X 30IN. L. PRIORITY MAINTENANCE	
 3306	Maintain Concrete Superstructure Components	SF	7	SPAN 1 CHANNEL 4 BOTTOM RT. LEG AT ABUT 1 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. L THEN SPALL W/ EXPOSED STEEL 3IN. H X 2FT. L. PRIORITY MAINTENANCE	
 3306	Maintain Concrete Superstructure Components	SF	5	SPAN 1 CHANNEL 6 BOTTOM LT. LEG BEGIN 4FT. FROM BENT 1 CONC. PATCH WITH 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. L.	
 3306	Maintain Concrete Superstructure Components	SF	7	SPAN 1 CHANNEL 6 BOTTOM RT. LEG BEGINNING 8FT. FROM ABUT 1 HAS 1/16" CRACKS AND DELAMINATION 3IN. H X 7FT. L W/ SPALL& EXPOSED STEEL 3IN. H X 1FT. L.	
 3306	Maintain Concrete Superstructure Components	SF	2	SPAN 1 CHANNEL 7 BOTTOM RT. LEG 5FT. FROM BENT 1 CONC. PATCH W/ SPALL & EXPOSED STEEL 4IN. H X 2FT. L, EXPOSED STEEL HAS RUST AND SCALE.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 1 CHANNEL 10 UNDERSIDE 3FT. FROM BENT, 1/16IN. CRACKS AND MOISTURE SEEPAGE AND A 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE.	
 3306	Maintain Concrete Superstructure Components	SF	2	SPAN 1 CHANNEL 10 BOTTOM LT. LEG 9FT. FROM BENT DELAMINATION 3IN. H X 2FT. L & SPALL W/ EXPOSED STEEL 10IN. L X 2IN. H X 1IN. DEEP.	
 3306	Maintain Concrete Superstructure Components	SF	3	SPAN 1 CHANNEL 11 BOTTOM RT. LEG NEAR ABUT 1 1/16IN. CRACKS/ DELAMINATION 3IN. HIGH X 30IN. LONG.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	2	SPAN 1 CHANNEL 11 BOTH LEGS AT BENT HAVE SPALL WITH EXPOSED STEEL UP TO 1FT. L X UP TO 7IN. H X 2IN. DEEP. PRIORITY MAINTENANCE	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 1 CHANNEL 12 LT. LEG AT BENT HAS SPALL WITH EXPOSED STEEL 1FT. L X 8IN. H X UP TO 1IN. DEEP.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 2 CHANNEL 12 RT. LEG AT BENT 1 SPALL WITH EXPOSED STEEL 1IN. D X 1FT. L X 6IN. HIGH.	
 3306	Maintain Concrete Superstructure Components	SF	3	SPAN 2 CHANNEL 10 AT BENT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 3FT. L & SPALL WITH EXPOSED STEEL 5IN. L X 2IN. H X 1IN. DEEP.	
 3306	Maintain Concrete Superstructure Components	SF	3	MID-SPAN 2 CHANNEL 7 BOTTOM RT LEG CONC. PATCH W/ CRACKS AND DELAMINATION 4IN. H X 3FT. LONG.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 2 CHANNEL 1 RT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 1FT. L X 8IN. HIGH.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 2 CHANNEL 1 LT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 8IN. L X 6IN. HIGH.	
 3306	Maintain Concrete Superstructure Components	SF	3	MID-SPAN 3 CHANNEL 12 BOTTOM LT. LEG 1/16IN. CRACKS & DELAMINATION 4IN. H X 3FT. LONG X FULL WIDTH.	
 3306	Maintain Concrete Superstructure Components	SF	10	SPAN 3 CHANNEL 12 BOTTOM LT. LEG BEGIN AT BENT 2, 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 3 CHANNEL 11 RT. LEG AT BENT 2 CRACKS/ DELAMINATION 6IN. L X 8IN. H & SPALL W/ EXPOSED STEEL 8IN. H X 6IN. L X 1/2IN. DEEP.	
 3306	Maintain Concrete Superstructure Components	SF	2	SPAN 3 CHANNEL 10 AT BENT LT. LEG SPALL WITH EXPOSED STEEL 6IN. H X 18IN. LONG. STRANDS HAVE RUST & SCALE.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	4	SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG.	
 3306	Maintain Concrete Superstructure Components	SF	1	SPAN 2 CHANNEL 6 AT BENT 2 RT. LEG SPALL WITH EXPOSED STEEL 6IN. L X 3IN. HIGH. PRIORITY MAINTENANCE	
 3306	Maintain Concrete Superstructure Components	SF	2	SPAN 2 CHANNEL 4 AT BENT 2 BOTTOM LT. LEG SPALL WITH EXPOSED STEEL 18IN. L X 4IN. HIGH. PRIORITY MAINTENANCE	
 3322	Maint to Steel Handrail	LF	1	SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH.	
 3346	Repair / Maintain Timber Wings & Blkhds	SF	3	ABUT 2 LT. END BULKHEAD BOARDS HAVE 3SF OF DECAY EXPOSING FILL.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	25 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
BRIDGE POSTED SV 24 TTST 32 SPAN 1 CHANNEL 1 RT. LEG BOTTOM HAS SPALL WITH EXPOSED STEEL BEGIN AT ABUT 1, 6FT. L X 3IN. H, BOTTOM 3IN. OF RT. LEG HAS DELAMINATION IN THE REMAINING CHANNEL LENGTH.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	8 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 4 BOTTOM LT. LEG BEGIN AT ABUT 1 DELAMINATION 3IN. H X 5FT. L THEN SPALL WITH EXPOSED STEEL 3IN. H X 30IN. L. PRIORITY MAINTENANCE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	7 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 4 BOTTOM RT. LEG AT ABUT 1 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. L THEN SPALL W/ EXPOSED STEEL 3IN. H X 2FT. L. PRIORITY MAINTENANCE		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	5 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 6 BOTTOM LT. LEG BEGIN 4FT. FROM BENT 1 CONC. PATCH WITH 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. L.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	7 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 6 BOTTOM RT. LEG BEGINNING 8FT. FROM ABUT 1 HAS 1/16" CRACKS AND DELAMINATION 3IN. H X 7FT. L W/ SPALL& EXPOSED STEEL 3IN. H X 1FT. L.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 7 BOTTOM RT. LEG 5FT. FROM BENT 1 CONC. PATCH W/ SPALL & EXPOSED STEEL 4IN. H X 2FT. L, EXPOSED STEEL HAS RUST AND SCALE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Deck Structure Type	Bent/Span No. 1	CHANNEL
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 10 UNDERSIDE 3FT. FROM BENT, 1/16IN. CRACKS AND MOISTURE SEEPAGE AND A 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 10 BOTTOM LT. LEG 9FT. FROM BENT DELAMINATION 3IN. H X 2FT. L & SPALL W/ EXPOSED STEEL 10IN. L X 2IN. H X 1IN. DEEP.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 11 BOTTOM RT. LEG NEAR ABUT 1 1/16IN. CRACKS/ DELAMINATION 3IN. HIGH X 30IN. LONG.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEGS
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 11 BOTH LEGS AT BENT HAVE SPALL WITH EXPOSED STEEL UP TO 1FT. L X UP TO 7IN. H X 2IN. DEEP. PRIORITY MAINTENANCE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 1 CHANNEL 12 LT. LEG AT BENT HAS SPALL WITH EXPOSED STEEL 1FT. L X 8IN. H X UP TO 1IN. DEEP.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 12 RT. LEG AT BENT 1 SPALL WITH EXPOSED STEEL 1IN. D X 1FT. L X 6IN. HIGH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 10 AT BENT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 3FT. L & SPALL WITH EXPOSED STEEL 5IN. L X 2IN. H X 1IN. DEEP.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
MID-SPAN 2 CHANNEL 7 BOTTOM RT LEG CONC. PATCH W/ CRACKS AND DELAMINATION 4IN. H X 3FT. LONG.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 1 RT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 1FT. L X 8IN. HIGH.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 1 LT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 8IN. L X 6IN. HIGH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF
Location:		
Beams and Girders	Bent/Span No. 3	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
MID-SPAN 3 CHANNEL 12 BOTTOM LT. LEG 1/16IN. CRACKS & DELAMINATION 4IN. H X 3FT. LONG X FULL WIDTH.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	10 SF
Location:		
Beams and Girders	Bent/Span No. 3	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 3 CHANNEL 12 BOTTOM LT. LEG BEGIN AT BENT 2, 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 3	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 3 CHANNEL 11 RT. LEG AT BENT 2 CRACKS/ DELAMINATION 6IN. L X 8IN. H & SPALL W/ EXPOSED STEEL 8IN. H X 6IN. L X 1/2IN. DEEP.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Beams and Girders	Bent/Span No. 3	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 3 CHANNEL 10 AT BENT LT. LEG SPALL WITH EXPOSED STEEL 6IN. H X 18IN. LONG. STRANDS HAVE RUST & SCALE.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF
Location:		
Beams and Girders	Bent/Span No. 3	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 6 AT BENT 2 RT. LEG SPALL WITH EXPOSED STEEL 6IN. L X 3IN. HIGH. PRIORITY MAINTENANCE		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL LEG
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 2 CHANNEL 4 AT BENT 2 BOTTOM LT. LEG SPALL WITH EXPOSED STEEL 18IN. L X 4IN. HIGH. PRIORITY MAINTENANCE		

MMS Code	MMS Description	Quantity
3322	Maint to Steel Handrail	1 LF
Location:		
Right Rail	Bent/Span No. 3	STEEL GUARDRAIL
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770434

County ROBESON

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

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	3 SF
Location:		
Abutment Substructure	Bent/Span No. 2	BULKHEAD
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
04/22/2016	JASON ROLFSMEYER	GEORGE TEAGUE
Details		
ABUT 2 LT. END BULKHEAD BOARDS HAVE 3SF OF DECAY EXPOSING FILL.		



BRIDGE POSTED SV 24 TTST 32



SPAN 1 CHANNEL 1 RT. LEG BOTTOM SPALL WITH EXPOSED STEEL BEGIN AT ABOUT 1, 6FT. L X 3IN. H, DELAMINATION REMAINING CHANNEL LENGTH. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 1 RT. LEG BOTTOM SPALL WITH EXPOSED STEEL BEGIN AT ABUT 1, 6FT. L X 3IN. H, DELAMINATION REMAINING CHANNEL LENGTH. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 4 BOTTOM LT. LEG BEGIN AT ABUT 1 DELAMINATION 3IN. H X 5FT. L THEN SPALL WITH EXPOSED STEEL 3IN. H X 30IN. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 4 BOTTOM RT. LEG AT ABOUT 1 1/16" CRACKS/ DELAMINATION 3IN. H X 5FT. L THEN SPALL W/ EXPOSED STEEL 3IN. H X 2FT. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 6 BOTTOM LT. LEG BEGIN 4FT. FROM BENT 1 CONC. PATCH WITH 1/16" CRACKS/
DELAMINATION 3IN. H X5FT. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 6 BOTTOM RT. 8FT. FROM ABUT 1 1/16" CRACKS/ DELAMINATION 3IN. H X 7FT. L W/
SPALL& EXPOSED STEEL 3IN. H X 1FT. L. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 7 BOTTOM RT. LEG 5FT. FROM BENT 1 CONC. PATCH W/ SPALL & EXPOSED STEEL 4IN. H X 2FT. L, STEEL HAS RUST AND SCALE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 10 UNDERSIDE 3FT. FROM BENT, 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 10 UNDERSIDE 3FT. FROM BENT, 1-1/2IN. DIA. HOLE X 2IN. DEEP EXPOSING TRANSVERSE CABLE. NO CORROSION VISIBLE. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 10 BOTTOM LT. LEG 9FT. FROM BENT DELAMINATION 3IN. H X 2FT. L & SPALL W/
EXPOSED STEEL 10IN. L X 2IN. H X 1IN. D. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 11 BOTTOM RT. LEG NEAR ABUT 1 1/16IN. CRACKS/ DELAMINATION 3IN. HIGH X 30IN. LONG. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 11 BOTH LEGS AT BENT HAVE SPALL WITH EXPOSED STEEL UP TO 1FT. L X UP TO 7IN. H X 2IN. DEEP. PRIORITY MAINTENANCE



SPAN 1 CHANNEL 12 LT. LEG AT BENT HAS SPALL WITH EXPOSED STEEL 1FT. L X 8IN. H X UP TO 1IN. DEEP.
PRIORITY MAINTENANCE



SPAN 2 CHANNEL 12 RT. LEG AT BENT 1 SPALL WITH EXPOSED STEEL 1IN. D X 1FT. L X 6IN. HIGH. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 10 AT BENT 1 BOTTOM LT. LEG DELAMINATION 3IN. H X 3FT. L & SPALL WITH EXPOSED STEEL 5IN. L X 2IN. H X 1IN. DEEP. PRIORITY MAINTENANCE



MID-SPAN 2 CHANNEL 7 BOTTOM RT LEG CONC. PATCH W/ CRACKS/ DELAMINATION 4IN. H X 3FT. LONG.
PRIORITY MAINTENANCE



SPAN 2 CHANNEL 1 RT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 1FT. L X 8IN. HIGH.
PRIORITY MAINTENANCE



SPAN 2 CHANNEL 1 LT. LEG AT BENT 1 HAS SPALL WITH EXPOSED STEEL UP TO 1IN. D X 8IN. L X 6IN. HIGH.
PRIORITY MAINTENANCE



MID-SPAN 3 CHANNEL 12 BOTTOM LT. LEG 1/16IN. CRACKS & DELAMINATION 4IN. H X 3FT. LONG X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 12 BOTTOM LT. LEG BEGIN AT BENT 2, 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 12 BOTTOM LT. LEG BEGIN AT BENT 2, 10 FT. OF SPALL WITH EXPOSED STEEL AND DELAMINATION 3-1/2IN. H X FULL WIDTH. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 11 RT. LEG AT BENT 2 CRACKS/ DELAMINATION 6IN. L X 8IN. H & SPALL W/ EXPOSED STEEL 8IN. H X 6IN. L X 1/2IN. DEEP. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 10 AT BENT LT. LEG SPALL WITH EXPOSED STEEL 6IN. H X 18IN. LONG. STRANDS HAVE RUST & SCALE. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG. PRIORITY MAINTENANCE



SPAN 3 CHANNEL 9 BOTTOM LT. LEG NEAR BENT PATCH W/ DELAMINATION 3IN. H X 30IN. L & SPALL WITH EXPOSED STEEL 3IN. H X 20IN. LONG. PRIORITY MAINTENANCE



ABUT 2 LT. END BULKHEAD BOARDS HAVE 3SF OF DECAY EXPOSING FILL. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 6 AT BENT 2 RT. LEG SPALL WITH EXPOSED STEEL 6IN. L X 3IN. HIGH. PRIORITY MAINTENANCE



SPAN 2 CHANNEL 4 AT BENT 2 BOTTOM LT. LEG SPALL WITH EXPOSED STEEL 18IN. L X 4IN. HIGH. PRIORITY MAINTENANCE



SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE

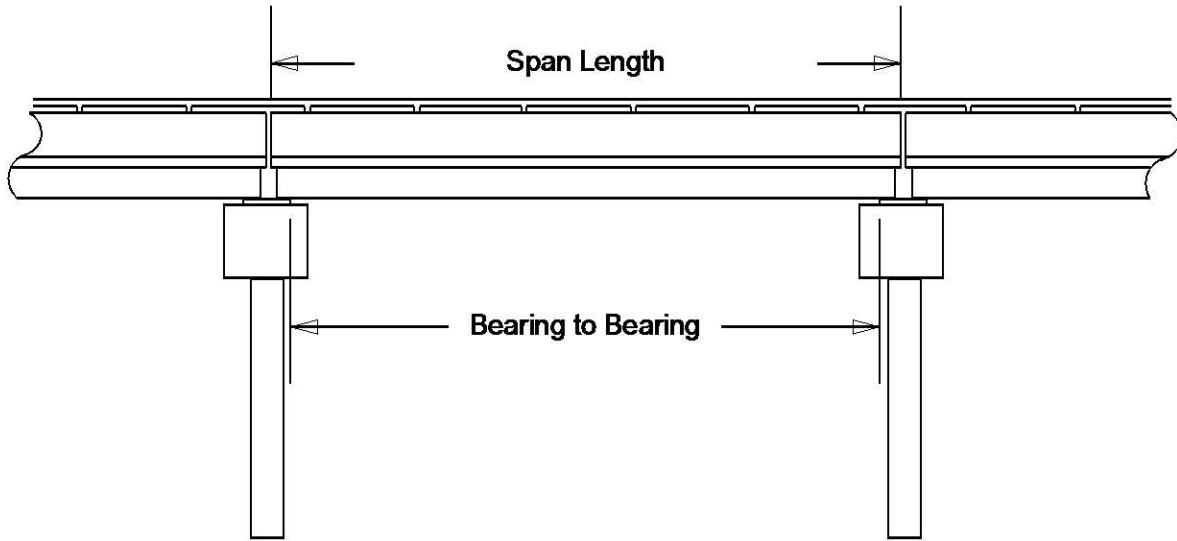


SPAN 3 RT. STEEL RAIL 4TH POST FROM ABUT 2 CONNECTION LOOSE DUE TO SPALL IN CURB 5FT. LONG X 3IN. D X 4IN. HIGH. PRIORITY MAINTENANCE

Structure Data Worksheet

Spans

County: ROBESON Structure No: 770434 Date: Inspected By: JER



Span No	Span Length	Bearing to Bearing	Comments
1	25.417	24.333	NBIS 72.75 FT.
2	25.0	24.333	
3	25.417	24.333	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 770434 County: ROBESON Date: _____ By: JER

Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 8 Location of Highwater Mark: ON PILES

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.7	ABUTMENT 1 TOP OF BULKHEAD			
1	4.1	Top of Cap			
2	6.3		2	6	
10	6.4				
15	6.9				
22	9.1	WS WE			
25.5	11.5	BENT 1	25.5	12	BENT 1
27	12				
30	12.2				
35	11.8				
40	12				
50.2	11.6	BENT 2	50.2	13	BENT 2
60	9.1	WS WE			
65	7.8				
74	5.9		74	6	
75	4.1	Top of Cap			
75.9	2.7	ABUTMENT 2 TOP OF BULKHEAD			

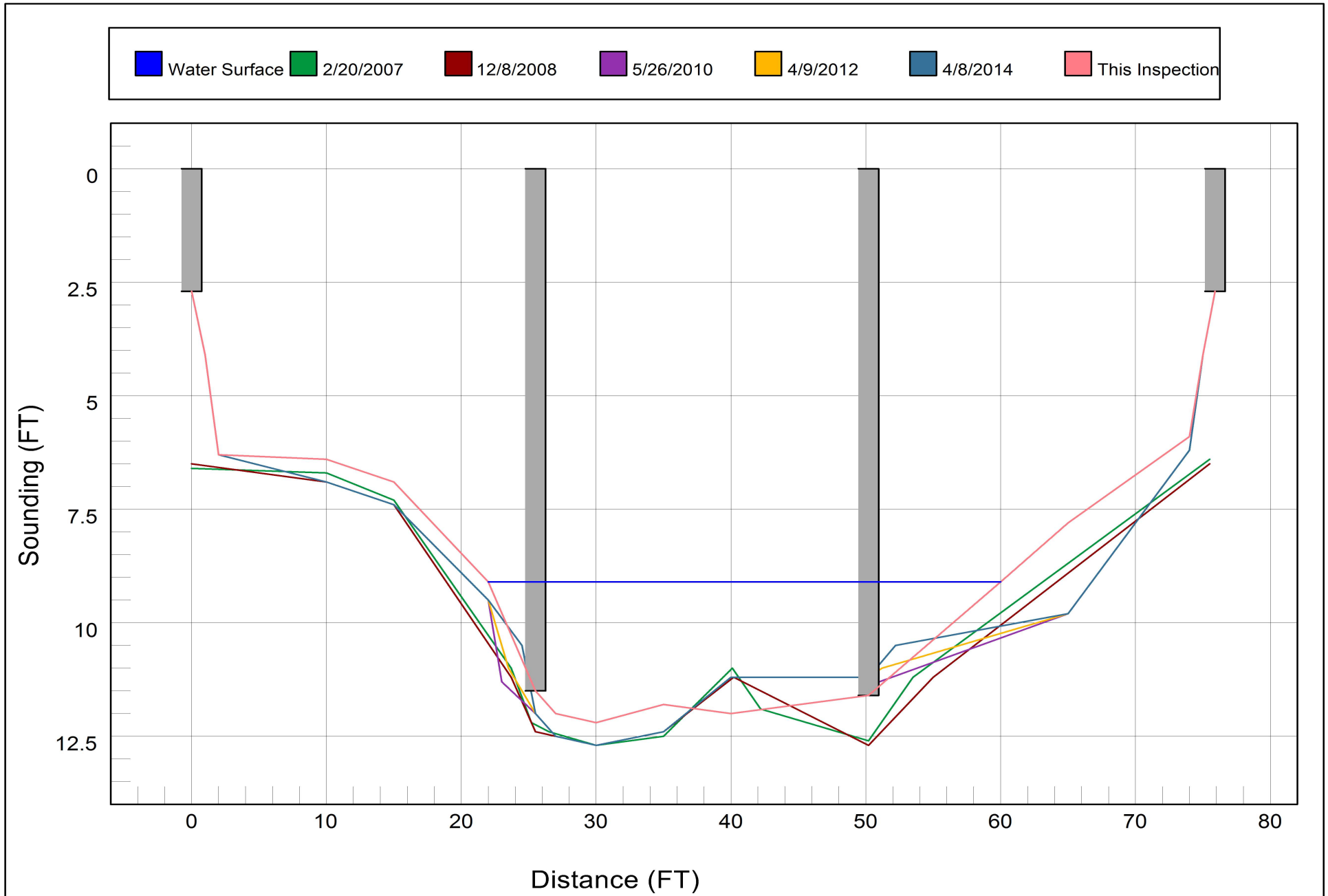
Bridge: 770434

County ROBESON

Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

SR-1003 (N. CHICKEN ROAD)

Roadway	21ft Wide	2 Paved Lanes	Looking North
Left Shoulder	8ft Wide	2ft Paved	6ft Unpaved
Right Shoulder	11ft Wide	3ft Paved	8ft Unpaved
Left Guardrail			
Right Guardrail			

MEASURED 15FT. SOUTH OF BRIDGE

MEASUREMENTS REVISED 4/14/16 GLT

Title

APPROACH ROADWAY

Description

LOOKING NORTH

Bridge No: 770434

Drawn By: JWL

Date: 12/08/2008

File Name: S0334000135

Bridge Inspection Field Sketch

Deck Width/Out to Out	30.504ft	Wearing Surface	.167ft
Between Rails	30.0ft	Median Width	
Curb Height	.75ft	Median Height	
Top Rail to Deck/Wearing Surface	2.67ft	Left Guardrail Width	
Clear Roadway	29.083ft	Right Guardrail Width	
Left Bridge Rail	Type 23	Right Bridge Rail	Type 23

TWO LANES

Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	.417	Left Overhang	
Top of Rail to Bottom of Beam	4.17	Right Overhang	

No. of Channels	12
Leg Width	.209ft
Leg Height	1.0ft
Leg to Leg (Centers)	2ft
Channel Width	2.542ft
Channel Height	1.42ft
Comments	PPC CHANNELS

MEASUREMENTS REVISED 4/14/16 GLT
REVISED AWS THICKNESS AND LEG TO LEG (CENTERS) DIMENSIONS

Title

SUPERSTRUCTURE

Description

PPC CHANNELS / SIMILAR SECTION

Bridge No: 770434

Drawn By: HWH

Date: 02/16/2007

File Name: S0334000136

Bridge Inspection Field Sketch



Abutment #	1	Abutment 2 similar	
Cap - Pre-Cast			
Cap Size	30.88ft Long	1.333ft Wide	1.083ft High
Left Overhang	1.41ft	Lt Cap/Beam Overhang	1.45ft
Right Overhang	1.38ft	Rt Cap/Beam Overhang	1.48ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	5.42		1.0		Vertical
2	Wood or Timber	Pile Bent	5.72		1.0		Vertical
3	Wood or Timber	Pile Bent	5.63		1.0		Vertical
4	Wood or Timber	Pile Bent	5.58		1.0		Vertical
5	Wood or Timber	Pile Bent	5.74		1.0		Vertical
6	Wood or Timber	Pile Bent			1.0		Vertical

MEASUREMENTS VERIFIED BY RLK 5/26/10
 MEASUREMENTS VERIFIED BY RLK 4/9/12
 MEASUREMENTS VERIFIED BY RLK 4/8/14
 MEASUREMENTS VERIFIED 4/14/16 GLT

Title

SUBSTRUCTURE

Description

SIMILAR END BENTS

Bridge No: 770434

Drawn By: JWL

Date: 12/08/2008

File Name: S0334000137

Bridge Inspection Field Sketch



NOTE: THERE IS CROSSBRACING AT ALL INTERIOR BENTS

Bent #	1	Bents 2 similar	
Cap - Pre-Cast			
Cap Size	30.88ft Long	1.333ft Wide	1.083ft High
Left Overhang	1.35ft	Lt Cap/Beam Overhang	1.42ft
Right Overhang	1.20ft	Rt Cap/Beam Overhang	1.55ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	5.63		1.0		Vertical
2	Wood or Timber	Pile Bent	5.74		1.0		Vertical
3	Wood or Timber	Pile Bent	5.55		1.0		Vertical
4	Wood or Timber	Pile Bent	5.65		1.0		Vertical
5	Wood or Timber	Pile Bent	5.77		1.0		Vertical
6	Wood or Timber	Pile Bent			1.0		Vertical

MEASUREMENTS VERIFIED BY RLK 5/26/10

MEASUREMENTS VERIFIED BY RLK 4/9/12

MEASUREMENTS VERIFIED BY RLK 4/8/14

MEASUREMENTS VERIFIED 4/14/16 GLT

Title

SUBSTRUCTURE 1

Description

SIMILAR INTERIOR BENTS

Bridge No: 770434

Drawn By: JWL

Date: 12/08/2008

File Name: S0334000138