NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PRIORITY MAINTENANCE NOTICE ISSUED, SKETCHES UPDATED.

Structure Safety Report

Routine Element Inspection - Contract

COUNTY: HARNETT **STRUCTURE NUMBER:** 420011 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR2002 **MILE POST:**

LOCATION: 0.2 MI. W. OF SR2084

FEATURE INTERSECTED: EAST BUIES CREEK

LATITUDE: 35° 24' 42.3" **LONGITUDE:** 78° 43' 41.37"

SUPERSTRUCTURE: REINF.CONC.FLOOR ON TIMBER JOISTS

SUBSTRUCTURE: E.BTS&INT.BTS:TIM.CAPS ON ENC.TIM.PILES@8'2CTS.

1 @ 17'-11", 1 @ 17'-0", 1 @ 16'-7", 2 @ 17'-0", 1 @ 17'-11"

SPANS: 1@17'11,1@17',1@16'7,2@17',1@17'11

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

PRESENT CONDITION: Fair **INSPECTION DATE:** 02/17/2016

POSTED SV: 24 **POSTED TTST:** 36

OTHER SIGNS PRESENT: FOUR DELINEATORS



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

INSPECTED BY	SIGNATURE	ASSISTED BY
Joshua W Gentry		Kenneth M Wing

Span Element Report

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 1 **Span Length** 17.917 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	453	0	0	453	0	453	3326
31		Timber Deck	384	384	0	0	0	0	3324
111		Timber Open Girder/Beam	304	195	106	3	0	109	3304
216		Timber Abutment	26	26	0	0	0	0	3346
225		Steel Pile	4	0	4	0	0	4	3354
515	225	Steel Protective Coating	132	132	0	0	0	0	3342
228		Timber Pile	4	1	3	0	0	3	3344
231		Steel Pier Cap	30	30	0	0	0	0	3354
515	231	Steel Protective Coating	100	100	0	0	0	0	3342
235		Timber Pier Cap	26	11	15	0	0	15	3344
331		Reinforced Concrete Bridge Railing	36	27	4	5	0	9	3318

"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** 17 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	379	63	0	316	0	316	3326
31		Timber Deck	379	379	0	0	0	0	3324
111		Timber Open Girder/Beam	304	297	5	2	0	7	3304
225		Steel Pile	4	0	4	0	0	5	3354
515	225	Steel Protective Coating	132	132	0	0	0	0	3342
228		Timber Pile	4	0	3	1	0	16	3344
231		Steel Pier Cap	30	30	0	0	0	0	3354
515	231	Steel Protective Coating	100	100	0	0	0	0	3342
235		Timber Pier Cap	26	2	0	24	0	24	3344
301		Pourable Joint Seal	26	0	0	26	0	26	3310
316		Other Bearings	34	34	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	34	20	3	11	0	14	3318

"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** 16.583 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	420	103	0	317	0	317	3326
31		Timber Deck	420	420	0	0	0	0	3324
111		Timber Open Girder/Beam	342	333	5	4	0	9	3304
228		Timber Pile	4	3	1	0	0	5	3344
235		Timber Pier Cap	26	25	1	0	0	1	3344
301		Pourable Joint Seal	26	0	0	26	0	26	3310
316		Other Bearings	34	34	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	34	23	1	10	0	11	3318

"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 4 **Span Length** 17 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	430	88	0	342	0	342	3326
31		Timber Deck	430	430	0	0	0	0	3324
111		Timber Open Girder/Beam	342	330	6	6	0	12	3304
228		Timber Pile	4	0	4	0	0	32	3344
235		Timber Pier Cap	26	24	2	0	0	2	3344
301		Pourable Joint Seal	26	0	0	26	0	26	3310
316		Other Bearings	34	34	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	34	14	0	20	0	20	3318

"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 5 **Span Length** 17 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	430	0	0	430	0	430	3326
31		Timber Deck	430	430	0	0	0	0	3324
111		Timber Open Girder/Beam	342	315	18	9	0	27	3304
228		Timber Pile	4	1	3	0	0	18	3344
235		Timber Pier Cap	26	13	13	0	0	13	3344
301		Pourable Joint Seal	26	0	0	26	0	26	3310
316		Other Bearings	34	34	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	34	16	1	17	0	18	3318

"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 6 **Span Length** 17.917 Feet **Number of Beams/Girders:** 19

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
12		Reinforced Concrete Deck	435	0	0	435	0	435	3326
31		Timber Deck	435	435	0	0	0	0	3324
111		Timber Open Girder/Beam	361	351	8	2	0	10	3304
216		Timber Abutment	26	26	0	0	0	0	3346
228		Timber Pile	8	3	4	1	0	10	3344
235		Timber Pier Cap	52	38	13	1	0	14	3344
301		Pourable Joint Seal	26	0	0	26	0	26	3310
316		Other Bearings	34	34	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	36	14	4	18	0	22	3318

"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 Quantites

Structure Number: 420011

Inspection Date: 02/17/2016

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
☑ Deck	1	12	Reinforced Concrete Deck	453	0	0	453	0	453	3326	☐ Requested
☐ Deck	1	31	Timber Deck	384	384	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	18	11	3	4	0	7	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	18	16	1	1	0	2	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	16	0	16	0	0	16	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	16	12	4	0	0	4	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	16	10	5	1	0	6	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	16	12	4	0	0	4	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	16	13	3	0	0	3	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	16	14	0	2	0	2	3304	☑ Requested
☑ Beam	7	111	Timber Open Girder/Beam	16	8	8	0	0	8	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	16	14	2	0	0	2	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	16	0	16	0	0	16	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	16	0	16	0	0	16	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	16	10	6	0	0	6	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	16	10	6	0	0	6	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	16	11	5	0	0	5	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	16	8	8	0	0	8	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	16	15	1	0	0	1	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	16	10	6	0	0	6	3304	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

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
☑ Deck	1	12	Reinforced Concrete Deck	379	63	0	316	0	316	3326	☐ Requested
☐ Deck	1	31	Timber Deck	379	379	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	5	3	9	0	12	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	15	0	2	0	2	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	16	13	3	0	0	3	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	16	15	1	0	0	1	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	16	14	1	1	0	2	3304	☑ Requested
☑ Beam	17	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	16	15	0	1	0	1	3304	☑ Requested
☑ Beam	19	111	Timber Open Girder/Beam	16	16	0	0	0	0	3304	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

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	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Expansion Joints	1	301	Pourable Joint Seal	26	0	0	26	0	26	3310	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

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
☑ Deck	1	12	Reinforced Concrete Deck	420	103	0	317	0	317	3326	☐ Requested
☐ Deck	1	31	Timber Deck	420	420	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	7	0	10	0	10	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	16	1	0	0	1	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	16	2	0	0	2	3304	☑ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	15	3	0	0	3	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	15	0	3	0	3	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

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	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Expansion Joints	1	301	Pourable Joint Seal	26	0	0	26	0	26	3310	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 4

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
☑ Deck	1	12	Reinforced Concrete Deck	430	88	0	342	0	342	3326	☐ Requested
☐ Deck	1	31	Timber Deck	430	430	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	0	0	17	0	17	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	14	0	3	0	3	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	16	2	0	0	2	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	16	2	0	0	2	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	16	1	1	0	2	3304	☑ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	17	1	0	0	1	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	16	0	2	0	2	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 4

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	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Expansion Joints	1	301	Pourable Joint Seal	26	0	0	26	0	26	3310	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 5

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
☑ Deck	1	12	Reinforced Concrete Deck	430	0	0	430	0	430	3326	☐ Requested
☐ Deck	1	31	Timber Deck	430	430	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	0	0	17	0	17	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	16	1	0	0	1	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	15	0	3	0	3	3304	☑ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	17	0	1	0	1	3304	☑ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	16	0	2	0	2	3304	☑ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	16	0	2	0	2	3304	☑ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 5

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	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Expansion Joints	1	301	Pourable Joint Seal	26	0	0	26	0	26	3310	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 6

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
☑ Deck	1	12	Reinforced Concrete Deck	435	0	0	435	0	435	3326	☐ Requested
☐ Deck	1	31	Timber Deck	435	435	0	0	0	0	3324	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	18	0	0	18	0	18	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	18	14	4	0	0	4	3318	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	19	11	8	0	0	8	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	19	18	0	1	0	1	3304	☑ Requested
☑ Beam	7	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	19	18	0	1	0	1	3304	☑ Requested
☑ Beam	18	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	19	19	0	0	0	0	3304	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 6

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	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	7	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	8	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	9	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	10	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	11	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	12	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	13	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	14	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	15	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	16	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	17	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	18	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	19	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☑ Expansion Joints	1	301	Pourable Joint Seal	26	0	0	26	0	26	3310	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 420011 Inspection Date: 02/17/2016

Span Number 1

Span 1 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 453 **Lvl 2:** 0 **Lvl 3** 453 **Lvl 4** 0 **Maint. Qty** 453

Defect Description:

FULL WIDTH TRANSVERSE CRACK UP TO 1/2" WIDE, LOCATED 2 FT FROM BENT 1
MAP CRACKING UP TO 1/2" WIDE THROUGHOUT
TWO SOUND PATCHED AREAS, UP TO 18" SQUARE, ONE IN EACH TRAVEL LANE,LOCATED 2 FT FROM BENT 1
ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES

Span 1 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 18 **Lvl 2:** 3 **Lvl 3** 4 **Lvl 4** 0 **Maint. Qty** 7

Defect Description:

4 FT LONG HORIZONTAL CRACK UP TO 1/16" ALONG TOP OF RAIL AT END BENT 1
3 FT LONG HORIZONTAL HAIRLINE CRACK ALONG TOP OF RAIL NEAR MIDSPAN

Span 1 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 18 **Lvl 2:** 1 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

HAIRLINE TRANSVERSE CRACK IN CURB, 3 FT FROM END BENT 1
2 FT LONG VERTICAL CRACK, UP TO 1/16", WITH EFFLORESCENCE, ON OUTSIDE FACE OF POST AT BENT 1

Span 1 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 16 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 16

Defect Description:

CHECKS THROUGHOUT FULL LENGTH
BEAM END IS SOFT AND WET AT BENT 1
BEAM IS NEWER THAN REST IN SPAN

Span 1 **Beam** 2 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 4 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 4

Defect Description:

4 FT OF CHECKS ALONG SIDE FACE AT END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 5 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 6

Defect Description:

4 FT OF CHECKS ALONG SIDE FACE AT END BENT 1
SPLIT 12" X 1" ALONG SIDE FACE AT MIDSPAN
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 4 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 4

Defect Description:

4 FT OF CHECKS ALONG SIDE FACE AT END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 3 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

2 FT OF CHECKS ALONG SIDE FACE AT MIDSPAN
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 6 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 2 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

DELAMINATION 8" X 1" X 1/4" DEEP ALONG SIDE FACE AT MIDSPAN
DECAY WITH SECTION LOSS, 3" WIDE X 3" DEEP X 6" ALONG BEAM AT END BENT BEARING, 70% SECTION REMAINS, PM
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 8 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8

Defect Description:

8 FT OF CHECKS ALONG SIDE FACE NEAR END BENT 1 TO MIDSPAN
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

2 FT OF CHECKS ALONG SIDE FACE NEAR END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 16 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 16

Defect Description:

CHECKS THROUGHOUT FULL LENGTH
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 16 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 16

Defect Description:

CHECKS THROUGHOUT FULL LENGTH
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 6 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6

Defect Description:

2 FT OF CHECKS ALONG SIDE FACE AT MIDSPAN AND 4 FT NEAR END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 6 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6

Defect Description:

2 FT OF CHECKS ALONG SIDE FACE AT MIDSPAN AND 4 FT NEAR END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 5 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 5

Defect Description:

5 FT OF CHECKS ALONG SIDE FACE NEAR END BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 16 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 8 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8

Defect Description:

CHECKS FOR 8 FT NEAR MIDSPAN
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 17 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

1 FT OF CHECKS IN SIDE FACE AT MIDSPAN
BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 18 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM END IS SOFT AND WET AT BENT 1

Span 1 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 6 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6

Defect Description:

6 FT OF CHECKS ALONG SIDE FACE AT BENT 1
BEAM END IS SOFT AND WET AT BENT 1

Span Number 2

Span 2 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 379 **Lvl 2:** 0 **Lvl 3** 316 **Lvl 4** 0 **Maint. Qty** 316

Defect Description:

16 FT LONG TRANSVERSE CRACK UP TO 1/2" WIDE LOCATED 7 FT FROM BENT 2
SCATTERED MAP CRACKING UP TO 1/16" WIDE THROUGHOUT BOTH TRAVEL LANES
TWO SOUND PATCHED AREAS, UP TO 18" SQUARE, ONE IN EACH TRAVEL LANE,LOCATED 2 FT FROM BENT 1
ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES

Span 2 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 3 **Lvl 3** 9 **Lvl 4** 0 **Maint. Qty** 12

Defect Description:

THREE VERTICAL HAIRLINE WRAP AROUND CRACKS SCATTERED ALONG TOP OF RAIL
9 FT LONG HORIZONTAL CRACK UP TO 1/16" WIDE STARTING AT BENT 2

Span 2 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 0 **Lvl 3** 2 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

TWO 1 FT LONG VERTICAL CRACKS UP TO 1/16" WIDE ON END POST AT BENTS 1 AND 2

Span 2 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER THAN REST IN SPAN

Span 2 **Beam** 2 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 3 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
THREE DELAMINATIONS UP TO 8" X 3" X 1/4" DEEP SCATTERED ALONG BOTTOM

Span 2 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 6 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
SURFACE DELAMINATION 1 FT X 1" ALONG BOTTOM 3 FT FROM BENT 2

Span 2 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 16 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 1 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
SURFACE DELAMINATION 1 FT X 1" ALONG BOTTOM AT MIDSPAN
DECAY AND SECTION LOSS ALONG TOP OF BEAM AT BENT 2, UP TO 9" ALONG BEAM, 75% SECTION REMAINS PM

Span 2 **Beam** 17 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Beam** 18 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM END AT BENT 2 IS SOFT AND DECAYED FOR UP TO 4", 60% SECTION REMAINS PM

Span 2 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 16 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 2 **Expansion Joints** 1 **Component Name:** Standard Joint

Element: 301 **Name** Pourable Joint Seal **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 26 **Lvl 4** 0 **Maint. Qty** 26

Defect Description:

EDGE OF DECK SPALLED FOR 2 FT X 4" AT RIGHT WHEEL PATH
MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS

Span Number 3

Span 3 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 420 **Lvl 2:** 0 **Lvl 3** 317 **Lvl 4** 0 **Maint. Qty** 317

Defect Description:

ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES
FULL LENGTH LONGITUDINAL CRACK UP TO 1/8" WIDE AT CENTER OF BRIDGE
SCATTERED MAP CRACKING UP TO 1/16" WIDE THROUGHOUT

Span 3 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 0 **Lvl 3** 10 **Lvl 4** 0 **Maint. Qty** 10

Defect Description:

7 FT LONG HORIZONTAL CRACK UP TO 1/16" WIDE STARTING AT BENT 2
1 FT LONG VERTICAL CRACKS UP TO 1/16" WIDE ON EACH VERTICAL POST

Span 3 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

1 FT LONG HAIRLINE VERTICAL CRACK ON END POST AT BENT 3

Span 3 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER THAN REST IN SPAN

Span 3 **Beam** 2 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS, UP TO 6" AT BENT 3
DECAY AND SECTION LOSS FOR 3", FULL WIDTH OF BEAM AT BENT 3, 85% SECTION REMAINS PM

Span 3 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 6 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 3 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
3 FT OF CHECKS ALONG SIDE FACE AT BENT 3

Span 3 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 3 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DELAMINATION 3 FT X 1" X 1" ALONG BOTTOM OF BEAM AT BENT 3

Span 3 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 16 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 17 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DECAY AND SECTION LOSS, UP TO 3" X 1.5" X 7" ALONG BOTTOM OF BEAM AND UP TO FULL WIDTH X 4" TALL X UP 15" ALONG BEAM AT BENT 3. 50% SECTION REMAINS. PM

Span 3 **Beam** 18 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 3 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER THAN REST IN SPAN

Span 3 **Expansion Joints** 1 **Component Name:** Standard Joint

Element: 301 **Name** Pourable Joint Seal **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 26 **Lvl 4** 0 **Maint. Qty** 26

Defect Description:

MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS ALONG GUTTERLINES
3 FT LONG SOUND PATCH LOCATED 4 FT FROM THE LEFT BRIDGE RAIL

Span Number 4

Span 4 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 430 **Lvl 2:** 0 **Lvl 3** 342 **Lvl 4** 0 **Maint. Qty** 342

Defect Description:

ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES
PREVIOUS REPAIR FAILING FOR 5 FT X 18" X UP TO 1.5" DEEP ALONG RIGHT BRIDGE RAIL NEAR MIDSPAN
TWO FULL WIDTH AND ONE 12 FT LONG SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE
SCATTERED MAP CRACKING UP TO 1/8" WIDE THROUGHOUT

Span 4 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 0 **Lvl 3** 17 **Lvl 4** 0 **Maint. Qty** 17

Defect Description:

FULL LENGTH HORIZONTAL CRACK UP TO 1/16" WIDE ALONG TOP OF RAIL

Span 4 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 0 **Lvl 3** 3 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

1 FT LONG VERTICAL CRACKS UP TO 1/8" WIDE ON EACH VERTICAL POST

Span 4 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER THAN REST IN SPAN

Span 4 **Beam** 2 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS, UP TO 6" AT BENT 3
DECAY 5" WIDE X UP TO 3" TALL X 7" ALONG BEAM, 75% SECTION REMAINS, AT BENT 4, PM

Span 4 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
2 FT OF CHECKS ALONG SIDE FACE AT MIDSPAN

Span 4 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
2 FT OF CHECKS NEAR BENT 3

Span 4 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 6 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DECAY, UP TO 5" WIDE X 6" TALL X 11" ALONG BEAM AT BENT 4, 50% SECTION REMAINS, PM

Span 4 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 1 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DELAMINATION, 2 FT X 1" X 1" ALONG BOTTOM, 7 FT FROM BENT 3
DECAY, FULL WIDTH X 1.5" TALL X 5" DEEP AT BENT 4 BEARING, PM

Span 4 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DELAMINATION, 4" X 2" X 7" ALONG SIDE FACE AT BENT 3

Span 4 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 16 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 4 **Beam** 17 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 2 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DELAMINATION, 2FT X 1" X 1" AT BOTTOM FACE AT MIDSPAN.

Span 4 **Beam** 18 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DECAY, 3" X 3" TALL X 1" DEEP TOP OF GIRDER AT BENT 4 BEARING, 90% SECTION REMAINS. PM

Span 4 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER THAN REST IN SPAN

Span 4 **Expansion Joints** 1 **Component Name:** Standard Joint

Element: 301 **Name** Pourable Joint Seal **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 26 **Lvl 4** 0 **Maint. Qty** 26

Defect Description:

MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS ALONG GUTTERLINES
2 FT LONG SOUND PATCH LOCATED ALONG THE RIGHT BRIDGE RAIL IN SPAN 4

Span Number 5

Span 5 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 430 **Lvl 2:** 0 **Lvl 3** 430 **Lvl 4** 0 **Maint. Qty** 430

Defect Description:

ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES
MAP CRACKING UP TO 1/4" WIDE THROUGHOUT

Span 5 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 0 **Lvl 3** 17 **Lvl 4** 0 **Maint. Qty** 17

Defect Description:

FULL LENGTH HORIZONTAL CRACK UP TO 1/16" WIDE ALONG TOP OF RAIL

Span 5 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 17 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

1 FT HAIRLINE TRANSVERSE CRACK IN POST AT MIDSPAN

Span 5 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER.

Span 5 **Beam** 2 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
BEAM IS NEWER

Span 5 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DECAY, 3" X 3" TALL X 9" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

Span 5 **Beam** 6 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 3 **Lvl 4** 0 **Maint. Qty** 3

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DELAMINATION, 2FT X 1" X 1" AT MIDSPAN ON BOTTOM OF GIRDER
DECAY, 6" X 5" TALL X 5" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

Span 5 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
DECAY, 6" X 3" TALL X 7" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

Span 5 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 16 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

Span 5 **Beam** 17 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 2 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
END OF BEAM IS DECAYED AT BENT 4 BEARING AT TOP AND BOTTOM OF BEAM, 6" DEEP, 40% OF SECTION REMAINS, PM
DECAY AT BENT 5 BEARING AT BOTTOM OF BEAM, FULL WIDTH , 5" TALL, 6" DEEP, 50% OF SECTION REMAINS. PM

Span 5 **Beam** 18 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 2 **Lvl 4** 0 **Maint. Qty** 2

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS
END OF BEAM IS DECAYED AT BENT 4 BEARING 3" WIDE X FULL HEIGHT X 6" DEEP, 50% OF SECTION REMAINS. PM
DECAY AT BENT 5 BEARING AT TOP AND BOTTOM OF BEAM, 3" DEEP, 40% OF SECTION REMAINS. PM

Span 5 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 18 **Lvl 2:** 18 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 18

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BOTH ENDS

BEAM IS NEWER, CHECKS FULL LENGTH.

Span 5 **Expansion Joints** 1 **Component Name:** Standard Joint

Element: 301 **Name** Pourable Joint Seal **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 26 **Lvl 4** 0 **Maint. Qty** 26

Defect Description:

MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS ALONG GUTTERLINES

Span Number 6

Span 6 **Deck** 1 **Component Name:** Reinforced Concrete Deck

Element: 12 **Name** Reinforced Concrete Deck **Qty:** 435 **Lvl 2:** 0 **Lvl 3** 435 **Lvl 4** 0 **Maint. Qty** 435

Defect Description:

ABRASION WITH EXPOSED AGGREGATE, BUT REMAINS SECURE, THROUGHOUT BOTH TRAVEL LANES
FULL LENGTH LONGITUDINAL CRACK AT CL, UP TO 1/2" WIDE
SCATTERED MAP CRACKING UP TO 1/16" WIDE
TWO EXPOSED REBARS, NO SECTION LOSS, LOACTED AT CENTER OF BRIDGE, 1 FT FROM END BENT 2, PREVIOUS REPAIR PATCH LOOSE AND CRACKED FOR 12 FT IN EASTBOUND LANE

Span 6 **Bridge Rail** 1 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 18 **Lvl 2:** 0 **Lvl 3** 18 **Lvl 4** 0 **Maint. Qty** 18

Defect Description:

FULL LENGTH HORIZONTAL CRACK UP TO 1/16" WIDE ALONG TOP OF RAIL

Span 6 **Bridge Rail** 2 **Component Name:** Concrete Railing

Element: 331 **Name** Reinforced Concrete Bridge Ra **Qty:** 18 **Lvl 2:** 4 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 4

Defect Description:

SCATTERED HAIRLINE WRAP AROUND CRACKS ALONG TOP RAIL

Span 6 **Beam** 1 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 8 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
BEAM IS NEWER
SCATTERED CHECKS THROUGHOUT BEAM

Span 6 **Beam** 2 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
BEAM IS NEWER

Span 6 **Beam** 3 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
BEAM IS NEWER

Span 6 **Beam** 4 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 5 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 6 **Component Name:** Timber Joist



Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
DECAY, FULL WIDTH X 4" TALL X 8" DEEP AT BENT 5 BEARING, 65% SECTION REMAINS, PM

Span 6 **Beam** 7 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 8 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 9 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 10 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 11 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
BEAM IS NEWER

Span 6 **Beam** 12 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 13 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 14 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5
BEAM IS NEWER

Span 6 **Beam** 15 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 16 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 17 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

DECAY, 2" X 2" TALL X 6" DEEP AT BENT 5 BEARING, 85% SECTION REMAINS, PM

Span 6 **Beam** 18 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

Span 6 **Beam** 19 **Component Name:** Timber Joist

Element: 111 **Name** Timber Open Girder/Beam **Qty:** 19 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

BEAM ENDS ARE SOFT AND WET AT BENT 5

BEAM IS NEWER

Span 6 **Expansion Joints** 1 **Component Name:** Standard Joint

Element: 301 **Name** Pourable Joint Seal **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 26 **Lvl 4** 0 **Maint. Qty** 26

Defect Description:

MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS ALONG GUTTERLINES
3 FT LONG PATCH AT BENT 5, NOT SOUND, AT CENTER OF BRIDGE

Substructure Detailed Element Quantites

Structure Number: 420011 Inspection Date: 02/17/2016

End 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
☑ Abutments	1	216	Timber Abutment	26	26	0	0	0	0	3346	☐ Requested
☑ Caps	1	235	Timber Pier Cap	26	11	15	0	0	15	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	1	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	1	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	1	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	1	0	0	0	0	3344	☐ Requested

Span 1 Crutch Bent

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	231	Steel Pier Cap	30	30	0	0	0	0	3354	☐ Requested
☑ Caps	1	515	Steel Protective Coating	100	100	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	1	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	1	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	2	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	2	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	3	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	3	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	4	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	4	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ 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	235	Timber Pier Cap	26	2	0	24	0	24	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	5	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	3	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	5	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	0	1	0	3	3344	☐ Requested

Span 2 Crutch Bent

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	231	Steel Pier Cap	30	30	0	0	0	0	3354	☐ Requested
☑ Caps	1	515	Steel Protective Coating	100	100	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	1	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	1	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	2	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	2	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	3	225	Steel Pile	1	0	1	0	0	1	3354	☐ Requested
☑ Piles and Columns	3	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested
☑ Piles and Columns	4	225	Steel Pile	1	0	1	0	0	2	3354	☐ Requested
☑ Piles and Columns	4	515	Steel Protective Coating	33	33	0	0	0	0	3342	☐ Requested

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	235	Timber Pier Cap	26	25	1	0	0	1	3344	☐ 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	5	3344	☐ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

Bent 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
☑ Caps	1	235	Timber Pier Cap	26	24	2	0	0	2	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	8	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	8	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	8	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	8	3344	☐ Requested

Bent 4

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	235	Timber Pier Cap	26	13	13	0	0	13	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	6	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	6	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	6	3344	☐ Requested

Bent 5

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	235	Timber Pier Cap	26	12	13	1	0	14	3344	☑ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	3	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	1	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	0	1	0	1	3344	☑ Requested

Structure Number: 420011 Inspection Date: 02/17/2016

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
☑ Abutments	1	216	Timber Abutment	26	26	0	0	0	0	3346	☐ Requested
☑ Caps	1	235	Timber Pier Cap	26	26	0	0	0	0	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	1	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

Substructure Element Defect Descriptions

Structure Number: 420011 Inspection Date: 02/17/2016

End Bent 1

End Bent 1 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 15 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 15

Defect Description:

1.5 FT LONG CHECK IN FACE OF CAP AT PILE 4
3 FT DELAMINATION UP TO 3" WIDE IN FACE OF CAP AT PILE 3
4.5 FT DELAMINATION UP TO 3" WIDE IN FACE OF CAP AT PILE 2
5 FT OF CHECKS IN FACE OF CAP BETWEEN PILES 1 AND 2

End Bent 1 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

CHECKS THROUGHOUT

End Bent 1 **Row** 1 **Piles and Columns** 2

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

CHECKS THROUGHOUT

End Bent 1 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

CHECKS THROUGHOUT

Span 1 Crutch Bent **Row** 1 **Caps** 1

Element: 231 **Name** Steel Pier Cap **Qty:** 30 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

DIAGONAL BRACING HAS SURFACE CORROSSION THROUGHOUT, NO SECTION LOSS

Span 1 Crutch Bent **Row** 1 **Piles and Columns** 1

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 1 Crutch Bent **Row** 1 **Piles and Columns** 2

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 1 Crutch Bent **Row** 1 **Piles and Columns** 3

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 1 Crutch Bent **Row** 1 **Piles and Columns** 4

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Bent 1 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 0 **Lvl 3** 24 **Lvl 4** 0 **Maint. Qty** 24
Defect Description:

DECAY AND SECTION LOSS THROUGHOUT CAP, SOFT AND WET THROUGHOUT

Bent 1 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 5
Defect Description:

CHECKS THROUGHOUT

Bent 1 **Row** 1 **Piles and Columns** 2

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 3
Defect Description:

CHECKS THROUGHOUT

Bent 1 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 5
Defect Description:

CHECKS THROUGHOUT
1 FT LONG VERTICAL HAIRLINE CRACK ALONG NORTH FACE OF COLLAR

Bent 1 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 3
Defect Description:

DECAY WITH SECTION LOSS, 70% SECTION REMAINS
3 FT LONG VERTICAL CRACK UP TO 1/4" WIDE ALONG NORTH FACE OF COLLAR

Span 2 Crutch Bent **Row** 1 **Caps** 1

Element: 231 **Name** Steel Pier Cap **Qty:** 30 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0
Defect Description:

DIAGONAL BRACING HAS SURFACE CORROSSION THROUGHOUT, NO SECTION LOSS

Span 2 Crutch Bent **Row** 1 **Piles and Columns** 1

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 2 Crutch Bent **Row** 1 **Piles and Columns** 2

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 2 Crutch Bent **Row** 1 **Piles and Columns** 3

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP

Span 2 Crutch Bent **Row** 1 **Piles and Columns** 4

Element: 225 **Name** Steel Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2
Defect Description:

SURFACE CORROSION ALONG TOP PLATE AT CAP
3" OF IMPACT DAMAGE ALONG SPAN 2 FLANGE 5 FT ABOVE GROUND

Bent 2 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

DECAY WITH SECTION LOSS, 4" X 2" X UP TO 3" DEEP AT LEFT END
DELAMINATION 1 FT X 1.5" X 1.5" ALONG BOTTOM OF CAP NEAR PILE 4
DIAGONAL BRACING NOT ATTACHED AT PILE 2

Bent 2 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0
Defect Description:

BURIED SILL

Bent 2 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 5
Defect Description:

CHECKS THROUGHOUT

Bent 3 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 2 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 2
Defect Description:

DELAMINATION, 18" X 2" ALONG BOTTOM OF CAP NEAR PILE 1

Bent 3 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8
Defect Description:

CHECKS THROUGHOUT

Bent 3 **Row** 1 **Piles and Columns** 2

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8
Defect Description:

NO COLLAR
CHECKS THROUGHOUT

Bent 3 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8
Defect Description:

NO COLLAR
CHECKS THROUGHOUT

Bent 3 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 8
Defect Description:

CHECKS THROUGHOUT

Bent 4 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 13 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 13
Defect Description:

CHECKS SCATTERED THROUGHOUT

Bent 4 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6
Defect Description:

CHECKS ALONG LENGTH OF PILE

Bent 4 **Row** 1 **Piles and Columns** 2

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6
Defect Description:

CHECKS ALONG LENGTH OF PILE

Bent 4 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0
Defect Description:

PILE COLLAR IS CRACKED

Bent 4 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 6
Defect Description:

CHECKS ALONG LENGTH OF PILE
SCOUR HOLE AT PILE 4 BENT FOUR

Bent 5 **Row** 1 **Caps** 1

Element: 235 **Name** Timber Pier Cap **Qty:** 26 **Lvl 2:** 13 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 14
Defect Description:

CHECKS SCATTERED THROUGHOUT 13 FT TOTAL
END OF CAP SPLIT ALL OF THE WAY THROUGH, UP TO 5" DEEP AT LEFT END, PM

Bent 5 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 4
Defect Description:

CHECKS IN PILE FOR 4 FT.

Bent 5 **Row** 1 **Piles and Columns** 2

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 3
Defect Description:

CHECKS IN PILE FOR 3 FT.

Bent 5 **Row** 1 **Piles and Columns** 3

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

CHECKS IN PILE FOR 1 FT.

Bent 5 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1
Defect Description:

SECTION LOSS AT GROUND, 80% REMAINS

End Bent 2 **Row** 1 **Piles and Columns** 1

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 1 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

CHECKS ON PILE FOR 1 FT.

End Bent 2 **Row** 1 **Piles and Columns** 4

Element: 228 **Name** Timber Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 0 **Lvl 4** 0 **Maint. Qty** 0

Defect Description:

PILE NOT VISIBLE

National Bridge and NC Inspection Items

Structure Number: 420011 **Inspection Date:** 02/17/2016

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**5**
Item 59: Superstructure	0 - 9 , N	**5**
Item 60: Substructure	0 - 9 , N	**5**
Item 61: Channel and Channel Protection	0 - 9 , N	**6**
Item 62: Culvert	0 - 9 , N	**N**
Item 71: Waterway Adequacy	0 - 9 , N	**6**
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**	**206**	**3376**
Drainage System	G, F, P, or C	**P**	**208**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		**0**	**3352**
Scour	G, F, P, or C	**F**		
Wingwall	G, F, P, or C	**G**	**0**	**3350**
Field Scour Evaluation		**U**		
Drift	G, F, P, or C	**F**	**8**	**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	**6**		

Note: If NC SMU Insepction 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	**12**
Traffic Control Time	Hours	
Snooper Time	Hours	
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: 420011 **Inspection Date:** 02/17/2016

Item	Deck - Item 58	**Grade**	5	**Maint Code**		**Qty.**	0
Details	DECK HAS MAP CRACKING UP TO 1/2" WIDE IN AREAS THROUGHOUT AND ABRASION IN BOTH TRAVEL LANES						
Item	Superstructure - Item 59	**Grade**	5	**Maint Code**		**Qty.**	0
Details	DECK IS CRACKED, ENDS OF BEAMS BEGINNING TO DECAY AND ROT.						
Item	Substructure - Item 60	**Grade**	5	**Maint Code**		**Qty.**	0
Details	AREAS OF DECAY AND ROT ON PILES AND BENTS.						
Item	Approach Roadway Alignment - Item 72	**Grade**	8	**Maint Code**		**Qty.**	0
Details	SETTLEMENT UP TO 1/2" AT WEST APPROACH AND FULL WIDTH CRACK UP TO 1/4"						
Item	Priority Maintenance Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	PRIORITY MAINTENANCES ISSUED FOR DECAY AT ENDS OF BEAMS, BENTS, AND PILES.						
Item	Presently Posted	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	SV 24 TTST 36						
Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	206
Details	DECK DEBRIS ALONG BOTH BRIDGE RAILS UP TO 1 FT WIDE						
Item	Drainage System	**Grade**	P	**Maint Code**	3332	**Qty.**	208
Details	DECK DRAINS WITH UP TO100% CLOGGING THROUGHOUT						
Item	Drift	**Grade**	F	**Maint Code**	3366	**Qty.**	8
Details	DRIFT BUILDUP ALONG BENTS 2 AND 3						
Item	Scour	**Grade**	F	**Maint Code**		**Qty.**	0
Details	SCOUR CHANNELS IN SPANS 1 AND 2 SND SCOUR HOLE UP TO 4 FT DEEP X 8 FT WIDE AT BENT 4 PILE 4						



DEBRIS ALONG RIGHT BRIDGE RAIL, SIMILAR ALONG LEFT BRIDGE RAIL



SETTLEMENT UP TO 1/2" AT WEST APPROACH AND FULL WIDTH CRACK UP TO 1/4"



Span 1 Left Bridge Rail: 4 FT LONG HORIZONTAL CRACK UP TO 1/16" ALONG TOP OF RAIL AT END BENT 1



Span 1 Deck: FULL WIDTH TRANSVERSE CRACK UP TO 1/2" WIDE, LOCATED 2 FT FROM BENT 1



Expansion Joint 2 : EDGE OF DECK SPALLED FOR 2 FT X 4" AT RIGHT WHEEL PATH



Span 2 Left Bridge Rail: 9 FT LONG HORIZONTAL CRACK UP TO 1/16" WIDE STARTING AT BENT 2



Span 2 Deck: 16 FT LONG TRANSVERSE CRACK UP TO 1/2" WIDE LOCATED 7 FT FROM BENT 2



Expansion Joint 3 : MISSING JOINT MATERIAL THROUGHOUT AND FILLED WITH SCATTERED DEBRIS ALONG GUTTERLINES



Expansion Joint 3 : 3 FT LONG SOUND PATCH LOCATED 4 FT FROM THE LEFT BRIDGE RAIL



Span 3 Deck: FULL LENGTH LONGITUDINAL CRACK UP TO 1/8" WIDE AT CENTER OF BRIDGE



Span 4 Deck: PREVIOUS REPAIR FAILING FOR 5 FT X 18" X UP TO 1.5" DEEP ALONG RIGHT BRIDGE RAIL NEAR MIDSPAN



Span 6 Deck: TWO EXPOSED REBARS, NO SECTION LOSS, LOACTED AT CENTER OF BRIDGE, 1 FT FROM END BENT 2, PREVIOUS REPAIR PATCH LOOSE AND CRACKED FOR 12 FT IN EASTBOUND LANE



Span 1 Beam 14: 5 FT OF CHECKS ALONG SIDE FACE NEAR END BENT 1



Span 1 Beam 6: DELAMINATION 8" X 1" X 1/4" DEEP ALONG SIDE FACE AT MIDSPAN



Span 1 Beam 6: DECAY WITH SECTION LOSS, 3" WIDE X 3" DEEP X 6" ALONG BEAM AT BEARING, 70% SECTION REMAINS, PM



Span 1 Beam 3: BEAM IS SOFT AND WET AT BENT 1, ALL BEAMS SIMILAR



Bent 1 Pile 2: SURFACE CORROSION ALONG TOP PLATE ST CAP



Bent 1 Cap : DECAY AND SECTION LOSS THROUGHOUT CAP, SOFT AND WET THROUGHOUT



Bent 1 Pile 4: DECAY WITH SECTION LOSS, 70% SECTION REMAINS



DRIFT BUILDUP ALONG BENT 2



Span 2 Beam 16: DECAY AND SECTION LOSS ALONG TOP OF BEAM AT BENT 2, UP TO 9" ALONG BEAM, 75% SECTION REMAINS, PM



Span 2 Beam 18: BEAM END AT BENT 2 IS SOFT AND ROTTEN FOR UP TO 4", 60% SECTION REMAINS, PM



Bent 2 Cap : DECAY WITH SECTION LOSS, 4" X 2" X UP TO 3" DEEP AT LEFT END



SCOUR UP TO 3 FT DEEP IN SPAN 3



Span 3 Beam 2: DECAY AND SECTION LOSS FOR 3", FULL WIDTH OF BEAM AT BENT 3, 85% SECTION REMAINS, PM



Span 3 Beam 17: DECAY AND SECTION LOSS, UP TO 3" X 1.5" X 7" ALONG BOTTOM OF BEAM AND UP TO FULL WIDTH X 4" TALL X UP 15" ALONG BEAM AT BENT 3. 50% SECTION REMAINS. PM



Span 4 Beam 2: DECAY 5" WIDE X UP TO 3" TALL X 7" ALONG BEAM, 75% SECTION REMAINS, AT BENT 4, PM



Span 4 Beam 7: DECAY, UP TO 5" WIDE X 6" TALL X 11" ALONG BEAM AT BENT 4, 50% SECTION REMAINS, PM



Span 4 Beam 11: DECAY, FULL WIDTH X 1.5" TALL X 5" DEEP AT BENT 4 BEARING, PM



Span 4 Beam 18: DECAY, 3" X 3" TALL X 1" DEEP TOP OF GIRDER AT BENT 4 BEARING, 90% SECTION REMAINS. PM



Span 5 Beam 18: END OF BEAM IS DECAYED AT BENT 4 BEARING 3" WIDE X FULL HEIGHT X 6" DEEP, 50% OF SECTION REMAINS. PM



Span 5 Beam 17: END OF BEAM IS DECAYED AT BENT 4 BEARING AT TOP AND BOTTOM OF BEAM, 6" DEEP, 40% OF SECTION REMAINS. PM



Span 5 Beam 5: DECAY, 3" X 3" TALL X 9" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM



Span 5 Beam 9: DECAY, 6" X 5" TALL X 5" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM



Span 5 Beam 11: DECAY, 6" X 3" TALL X 7" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM



Span 5 Beam 17: DECAY AT BENT 5 BEARING AT BOTTOM OF BEAM, FULL WIDTH , 5" TALL, 6" DEEP, 50% OF SECTION REMAINS. PM



Span 5 Beam 18: DECAY AT BENT 5 BEARING AT TOP AND BOTTOM OF BEAM, 3" DEEP, 40% OF SECTION REMAINS. PM



Bent 5 Pile 4: SECTION LOSS AT GROUND, 80% REMAINS, PM



Bent 5 Cap : END OF CAP SPLIT ALL OF THE WAY THROUGH, UP TO 5" DEEP AT LEFT END, PM



Span 6 Beam 6: DECAY, FULL WIDTH X 4" TALL X 8" DEEP AT BENT 5 BEARING, 65% SECTION REMAINS, PM



Span 6 Beam 17: DECAY, 2" X 2" TALL X 6" DEEP AT BENT 5 BEARING, 85% SECTION REMAINS, PM



Bent 4 Pile 4: SCOUR HOLE AT PILE 4



LOOKING WEST



POSTING SIGN AT NORTHEAST CORNER, SIMILAR AT SOUTHWEST



RIGHT BRIDGE RAIL, LEFT BRIDGE RAIL SIMILAR



UPSTREAM, LOOKING NORTH



DOWNSTREAM, LOOKING SOUTH



SPAN 2 REINFORCED CONCRETE DECK, OTHERS SIMILAR



EAST APPROACH LOOKING EAST



EXPANSION JOINT AT BENT 4, OTHERS SIMILAR



WEST APPROACH LOOKING WEST



LOOKING EAST



NORTH PROFILE



NORTHWEST WINGWALL, OTHERS SIMILAR



LEFT (NORTH) END OF BENT 1, RIGHT END SIMILAR



LEFT (NORTH) END OF BENT 2, OTHERS SIMILAR



END BENT 1



BENT 1, LOOKING EAST



BENT 2, LOOKING EAST, OTHERS SIMILAR



SOUTH PROFILE



BENT 5, LOOKING EAST



END BENT 2



UNDERSIDE SPAN 4, OTHERS SIMILAR

NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 07/26/2016

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **420011**
(8) STRUCTURE NUMBER(FEDERAL) 000000000850011
(5) INVENTORY ROUTE (ON/UNDER) - ON 31020020
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 85 (4) PLACE CODE 38220
(6) FEATURE INTERSECTED - EAST BUIES CREEK
(7) FACILITY CARRIED SR2002
(9) LOCATION 0.2 MI. W. SR2084
(11)MILEPOINT 0
(16)LAT 35° 24' 42.30" (17)LONG 78° 43' 41.37"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Wood or Timber
TYPE - Stringer Mutlibeam or Girder CODE 702
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 6
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 1 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - CODE
(B) TYPE OF MEMBRANE - CODE
(C) TYPE OF DECK PROTECTION - CODE

AGE AND SERVICE

(27) YEAR BUILT 1955
(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 790
(30) YEAR OF ADT 2011 (109) TRUCK ADT PCT 7%
(19) BYPASS OR DETOUR LENGTH 4 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 17 FT
(49) STRUCTURE LENGTH 103 FT
(50)CURB OR SIDEWALK: LEFT .7085 FT RIGHT .7085 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 24 FT
(52) DECK WIDTH OUT TO OUT 25.25 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 18 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 24 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

SUFFICIENCY RATING = 20.48
STATUS = Structurally Deficient

CLASSIFICATION — CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Local 19
(100)STRAHNET HIGHWAY - Not a STRAHNET Route 0
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - 2-way Traffic 2
(103)TEMPORARY STRUCTURE - Temporary Structure/Conditions T
(110)DESIGNATED NATIONAL NETWORK - Not on the National Network 0
(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 3
(61) CHANNEL & CHANNEL PROTECTION 6
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD Unknown 0
(63) OPERATING RATING METHOD - Allowable Stress 2
(64) OPERATING RATING - HS-1 1
(65) INVENTORY RATING METHOD - Allowable Stress 2
(66) INVENTORY RATING - HS-1 1
(70) BRIDGE POSTING - Posting Required 3
(41) STRUCTURE OPEN, POSTED ,OR CLOSED P
DESCRIPTION - Posted for Load

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION 3
(68) DECK GEOMETRY 4
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 6
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113)SCOUR CRITICAL BRIDGES U

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 1580 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 02/17/2016
(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

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 07/26/2016

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
HARNETT	6	2	420011	103 FEET

ROUTE CARRIED : SR2002

FEATURE INTERSECTED : EAST BUIES CREEK

LOCATED : 0.2 MI. W. SR2084

BRIDGE NAME :

CITY : *LILLINGTON

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :			
19	NFA	NFA	790	2011	LT	241	RT	241

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1955	BMU			Unknown

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	13 FT	2	FT

SUPERSTRUCTURE : REINF.CONC.FLOOR ON TIMBER JOISTS

SUBSTRUCTURE : E.BTS&INT.BTS:TIM.CAPS ON ENC.TIM.PILES@8'2CTS.

SPANS : 1@17'11",1@17',1@16'7",2@17',1@17'11"

BEAMS OR GIRDERS : 19 LINES OF 6X12 TIMBER JOISTS @ 1'4.25 CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
6RC/NO AWS		25.25 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
24 FT	25.417 FT	LT	.7085 FT	RT	.7085 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :					
HS-1	HS-1	int.joist,pile	SV	24	TTST	36	DATE	02/10/2010

SYSTEM : Secondary S.R. Route

GREEN LINE ROUTE : N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 6 BEAM 17: DECAY, 2" X 2" TALL X 6" DEEP AT BENT 5 BEARING, 85% SECTION REMAINS, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 6 BEAM 6: DECAY, FULL WIDTH X 4" TALL X 8" DEEP AT BENT 5 BEARING, 65% SECTION REMAINS, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 17: DECAY AT BENT 5 BEARING AT BOTTOM OF BEAM, FULL WIDTH , 5" TALL, 6" DEEP, 50% OF SECTION REMAINS. PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 11: DECAY, 6" X 3" TALL X 7" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 5: DECAY, 3" X 3" TALL X 9" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 4 BEAM 18: DECAY, 3" X 3" TALL X 1" DEEP TOP OF GIRDER AT BENT 4 BEARING, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 4 BEAM 7: DECAY, UP TO 5" WIDE X 6" TALL X 11" ALONG BEAM AT BENT 4, 50% SECTION REMAINS	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 4 BEAM 2: DECAY 5" WIDE X UP TO 3" TALL X 7" ALONG BEAM, 75% SECTION REMAINS, AT BENT 4, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	2	SPAN 3 BEAM 17: DECAY & SECTION LOSS, UP TO 3" X 1.5" X 7" ALONG BOTTOM OF BEAM, UP TO FULL WIDTH X 4" TALL X UP 15" ALONG BEAM AT BENT 3. 50% SECTION REMAINS. PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 18: DECAY AT BENT 5 BEARING AT TOP AND BOTTOM OF BEAM, 3" DEEP, 40% OF SECTION REMAINS. PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 9: DECAY, 6" X 5" TALL X 5" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 17: END OF BEAM IS DECAYED AT BENT 4 BEARING AT TOP AND BOTTOM OF BEAM, 6" DEEP, 40% OF SECTION REMAINS. PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 5 BEAM 18: END OF BEAM IS DECAYED AT BENT 4 BEARING 3" WIDE X FULL HEIGHT X 6" DEEP, 50% OF SECTION REMAINS. PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 4 BEAM 11: DECAY, FULL WIDTH X 1.5" TALL X 5" DEEP AT BENT 4 BEARING, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 3 BEAM 2: DECAY AND SECTION LOSS FOR 3", FULL WIDTH OF BEAM AT BENT 3, 85% SECTION REMAINS, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 2 BEAM 18: BEAM END AT BENT 2 IS SOFT AND DECAYED FOR UP TO 4", 60% SECTION REMAINS, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 2 BEAM 16: DECAY AND SECTION LOSS ALONG TOP OF BEAM AT BENT 2, UP TO 9" ALONG BEAM, 75% SECTION REMAINS, PM	
3304	Maintain/Replace Timber Superstructure Components	LF	1	SPAN 1 BEAM 6: DECAY WITH SECTION LOSS, 3" WIDE X 3" DEEP X 6" ALONG BEAM AT END BENT 1 BEARING, 70% SECTION REMAINS, PM	
3344	Repair / Replace Timber Substructure Components	LF	1	BENT 5 CAP : END OF CAP SPLIT ALL OF THE WAY THROUGH, UP TO 5" DEEP AT LEFT END, PM	
3344	Repair / Replace Timber Substructure Components	LF	1	BENT 5 PILE 4: SECTION LOSS AT GROUND, 80% REMAINS, PM	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 6	BEAM 17

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 6 BEAM 17: DECAY, 2" X 2" TALL X 6" DEEP AT BENT 5 BEARING, 85% SECTION REMAINS, PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 6	BEAM 6

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 6 BEAM 6: DECAY, FULL WIDTH X 4" TALL X 8" DEEP AT BENT 5 BEARING, 65% SECTION REMAINS, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 5 BEAM 17

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 17: DECAY AT BENT 5 BEARING AT BOTTOM OF BEAM, FULL WIDTH , 5" TALL, 6" DEEP, 50% OF SECTION REMAINS. PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 5 BEAM 11

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 11: DECAY, 6" X 3" TALL X 7" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 5	BEAM 5

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 5: DECAY, 3" X 3" TALL X 9" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 4	BEAM 18

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 4 BEAM 18: DECAY, 3" X 3" TALL X 1" DEEP TOP OF GIRDER AT BENT 4 BEARING, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 4	BEAM 7

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 4 BEAM 7: DECAY, UP TO 5" WIDE X 6" TALL X 11" ALONG BEAM AT BENT 4, 50% SECTION REMAINS

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 4	BEAM 2

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 4 BEAM 2: DECAY 5" WIDE X UP TO 3" TALL X 7" ALONG BEAM, 75% SECTION REMAINS, AT BENT 4, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	2 LF

Location:

Beams and Girders Bent/Span No. 3 BEAM 17

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 3 BEAM 17: DECAY & SECTION LOSS, UP TO 3" X 1.5" X 7" ALONG BOTTOM OF BEAM, UP TO FULL WIDTH X 4" TALL X UP 15" ALONG BEAM AT BENT 3. 50% SECTION REMAINS. PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 5 BEAM 18

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 18: DECAY AT BENT 5 BEARING AT TOP AND BOTTOM OF BEAM, 3" DEEP, 40% OF SECTION REMAINS. PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 5	BEAM 9

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 9: DECAY, 6" X 5" TALL X 5" DEEP IN TOP OF BEAM AT BENT 5 BEARING, PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 5	BEAM 17

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 17: END OF BEAM IS DECAYED AT BENT 4 BEARING AT TOP AND BOTTOM OF BEAM, 6" DEEP, 40% OF SECTION REMAINS. PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 5 BEAM 18

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 5 BEAM 18: END OF BEAM IS DECAYED AT BENT 4 BEARING 3" WIDE X FULL HEIGHT X 6" DEEP, 50% OF SECTION REMAINS. PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 4 BEAM 11

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 4 BEAM 11: DECAY, FULL WIDTH X 1.5" TALL X 5" DEEP AT BENT 4 BEARING, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 3	BEAM 2

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 3 BEAM 2: DECAY AND SECTION LOSS FOR 3", FULL WIDTH OF BEAM AT BENT 3, 85% SECTION REMAINS, PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:		
Beams and Girders	Bent/Span No. 2	BEAM 18

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 2 BEAM 18: BEAM END AT BENT 2 IS SOFT AND DECAYED FOR UP TO 4", 60% SECTION REMAINS, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 2 BEAM 16

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 2 BEAM 16: DECAY AND SECTION LOSS ALONG TOP OF BEAM AT BENT 2, UP TO 9" ALONG BEAM, 75% SECTION REMAINS, PM

MMS Code	MMS Description	Quantity
3304	Maintain/Replace Timber Superstructure Components	1 LF

Location:

Beams and Girders Bent/Span No. 1 BEAM 6

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

SPAN 1 BEAM 6: DECAY WITH SECTION LOSS, 3" WIDE X 3" DEEP X 6" ALONG BEAM AT END BENT 1 BEARING, 70% SECTION REMAINS, PM

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 420011 County HARNETT

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

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:		
Pier Cap	Bent/Span No. 5	BENT 5 CAP

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

BENT 5 CAP : END OF CAP SPLIT ALL OF THE WAY THROUGH, UP TO 5" DEEP AT LEFT END, PM

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:		
Pier Substructure	Bent/Span No. 5	PILE 4

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification Received

Submitted Date:	Submitted By:	Assisted By:
02/22/2016	Joshua W Gentry	Kenneth M Wing

Details

BENT 5 PILE 4: SECTION LOSS AT GROUND, 80% REMAINS, PM



SPAN 1 BEAM 6: DECAY WITH SECTION LOSS, 3" WIDE X 3" DEEP X 6" ALONG BEAM AT END BENT 1 BEARING, 70% SECTION REMAINS



SPAN 2 BEAM 16: DECAY AND SECTION LOSS ALONG TOP OF BEAM AT BENT 2, UP TO 9" ALONG BEAM, 75% SECTION REMAINS



SPAN 2 BEAM 18: BEAM END AT BENT 2 IS SOFT AND DECAYED FOR UP TO 4", 60% SECTION REMAINS



SPAN 3 BEAM 2: DECAY AND SECTION LOSS FOR 3", FULL WIDTH OF BEAM AT BENT 3, 85% SECTION REMAINS



SPAN 3 BEAM 17: DECAY & SECTION LOSS, UP TO 3" X 1.5" X 7" ALONG BOTTOM OF BEAM BENT 3, FULL WIDTH X 4" TALL X UP 15" ALONG BEAM. 50% SECTION REMAINS.



SPAN 4 BEAM 2: DECAY 5" WIDE X UP TO 3" TALL X 7" ALONG BEAM, 75% SECTION REMAINS, AT BENT 4



SPAN 4 BEAM 7: DECAY, UP TO 5" WIDE X 6" TALL X 11" ALONG BEAM, 50% SECTION REMAINS



SPAN 4 BEAM 11: DECAY, FULL WIDTH X 1.5" TALL X 5" DEEP AT BENT 4 BEARING



SPAN 4 BEAM 18: DECAY, 3" X 3" TALL X 1" DEEP TOP OF GIRDER AT BENT 4 BEARING



SPAN 5 BEAM 18: END OF BEAM IS DECAYED AT BENT 4 BEARING 3" WIDE X FULL HEIGHT X 6" DEEP, 50% OF SECTION REMAINS.



SPAN 5 BEAM 17: END OF BEAM IS DECAYED AT BENT 4 BEARING AT TOP AND BOTTOM OF BEAM, 6" DEEP, 40% OF SECTION REMAINS.



SPAN 5 BEAM 5: DECAY, 3" X 3" TALL X 9" DEEP IN TOP OF BEAM AT BENT 5 BEARING



SPAN 5 BEAM 9: DECAY, 6" X 5" TALL X 5" DEEP IN TOP OF BEAM AT BENT 5 BEARING



SPAN 5 BEAM 11: DECAY, 6" X 3" TALL X 7" DEEP IN TOP OF BEAM AT BENT 5 BEARING



SPAN 5 BEAM 17: DECAY AT BENT 5 BEARING AT BOTTOM OF BEAM, FULL WIDTH , 5" TALL, 6" DEEP, 50% OF SECTION REMAINS.



SPAN 5 BEAM 18: DECAY AT BENT 5 BEARING AT TOP AND BOTTOM OF BEAM, 3" DEEP, 40% OF SECTION REMAINS.



BENT 5 PILE 4: SECTION LOSS AT GROUND, 80% REMAINS



BENT 5 CAP : END OF CAP SPLIT ALL OF THE WAY THROUGH, UP TO 5" DEEP AT LEFT END



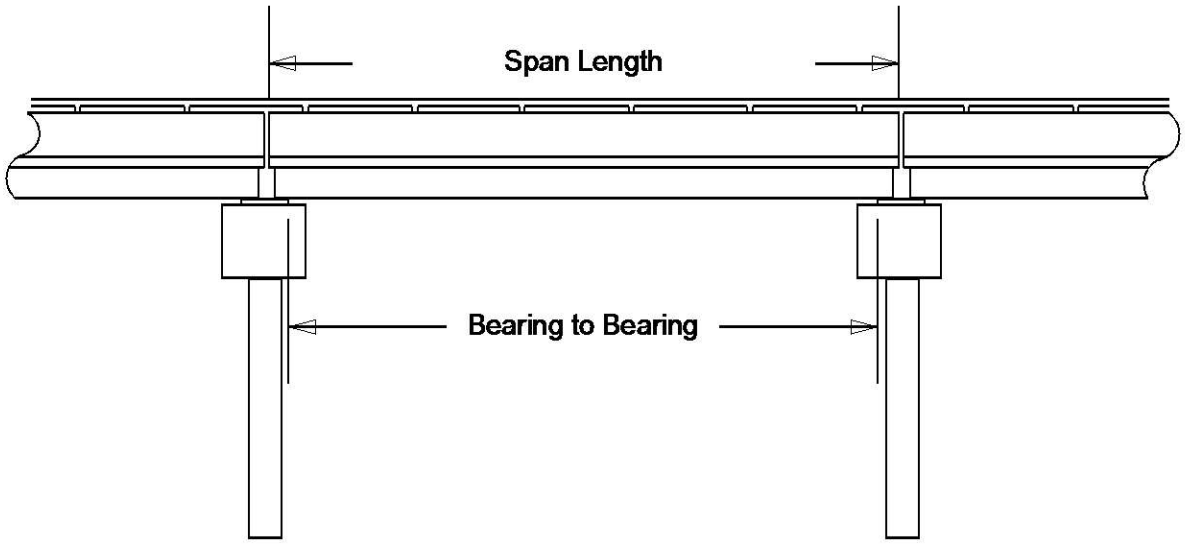
SPAN 6 BEAM 6: DECAY, FULL WIDTH X 4" TALL X 8" DEEP AT BENT 5 BEARING, 65% SECTION REMAINS, PM



SPAN 6 BEAM 17: DECAY, 2" X 2" TALL X 6" DEEP AT BENT 5 BEARING, 85% SECTION REMAINS, PM

Structure Data Worksheet

County: HARNETT **Structure No:** 420011 **Date:** **Inspected By:** JWG



Span No	Span Length	Bearing to Bearing	Comments
1	17.917	15.167	NBIS BL 102.333 STL CRUTCH BENT AT PIER 1
2	17.0	15.0	STL CRUTCH BENT AT PIER 1
3	16.583	16.583	VERIFIED BY JWG 2/17/2016
4	17.0	17.0	
5	17.0	17.0	
6	17.917	17.167	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 420011 **County:** HARNETT **Date:** **By:** JWG

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

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

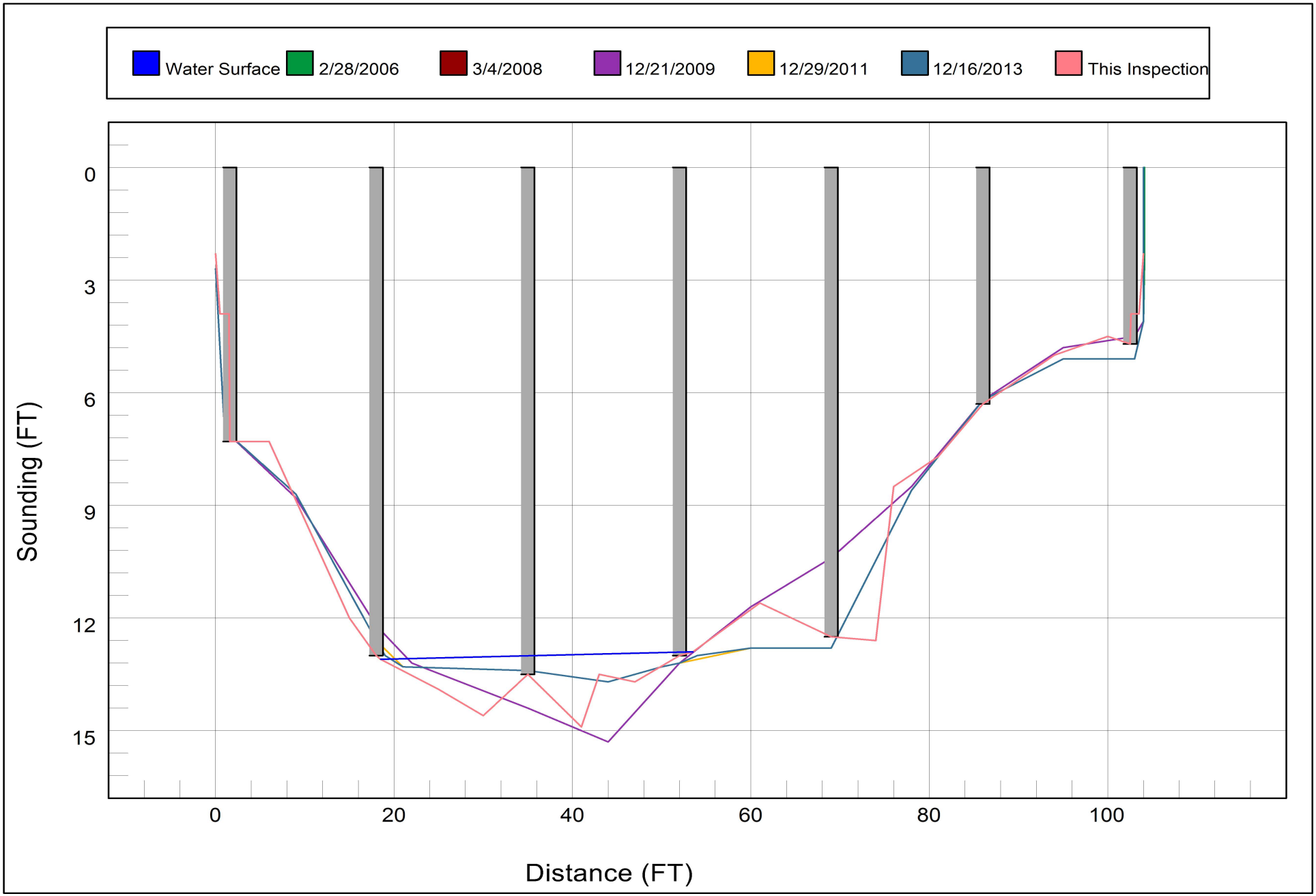
DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.3	TOP OF DECK			
0.5	3.9	Top of Cap			
1.5	3.9	Top of Cap			
1.6	7.3	FACE OF ABUTMENT	1.6	6	FACE OF ABUTMENT
6	7.3				
15	12				
18	13	BENT 1	18	10.2	BENT 1
18.5	13.1	Water Surface/Water Edge (WSWE)			
25	13.9				
30	14.6				
35	13.5	BENT 2	35	14.9	BENT 2
41	14.9				
43	13.5				
47	13.7				
52	13	BENT 3	52	13.2	BENT 3
53.5	12.9	Water Surface/Water Edge (WSWE)			
61	11.6				
69	12.5	BENT 4	69	12.3	BENT 4
74	12.6				
76	8.5				
81	7.7				
86	6.3	BENT 5	86	8.9	BENT 5
94	5				
100	4.5				
102.5	4.7	FACE OF ABUTMENT	102.5	6.2	FACE OF ABUTMENT

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
102.6	3.9	TOP OF CAP			
103.5	3.9	Top of Cap			
104	2.3	TOP OF DECK			

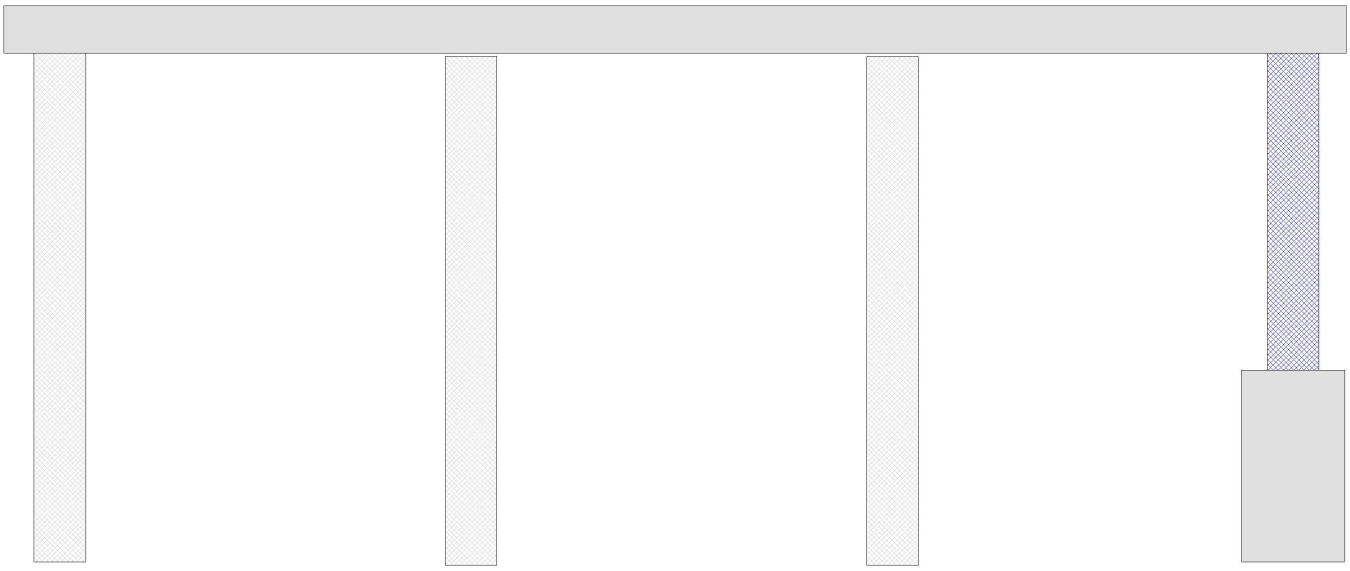
Bridge: 420011 County HARNETT Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Cap Information			Material			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1 ft.	0.917 ft.	1.0 ft.	1.0 ft.	1 ft.	1 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	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
2	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
3	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
4	Timber		1.0 ft.			Vertical	No	No	No	Yes

MEASUREMENT UPDATED JWG 2/17/2016

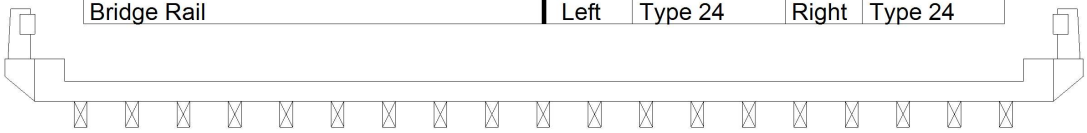
Bent/Abutment #: 1 Similar Bents:

Title	**Description**
END BENT 1	TIMBER POST AND BEAM

Bridge No: 420011	**Drawn By:** EC BLAKE	**Date:** 3/6/2008	**File Name:** S0070001032

Bridge Inspection Field Sketch

Deck Width/Out to Out	25.25ft	Between Rails				25.417ft
Clear Roadway	24ft	Wearing Surface				
Median Width		Median Height				
Curb Height		Left	0.75ft	Right	0.75ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left		Right		
Top of Rail to Deck/Wearing Surface		Left	2.333ft	Right	2.333ft	
Bridge Rail		Left	Type 24	Right	Type 24	



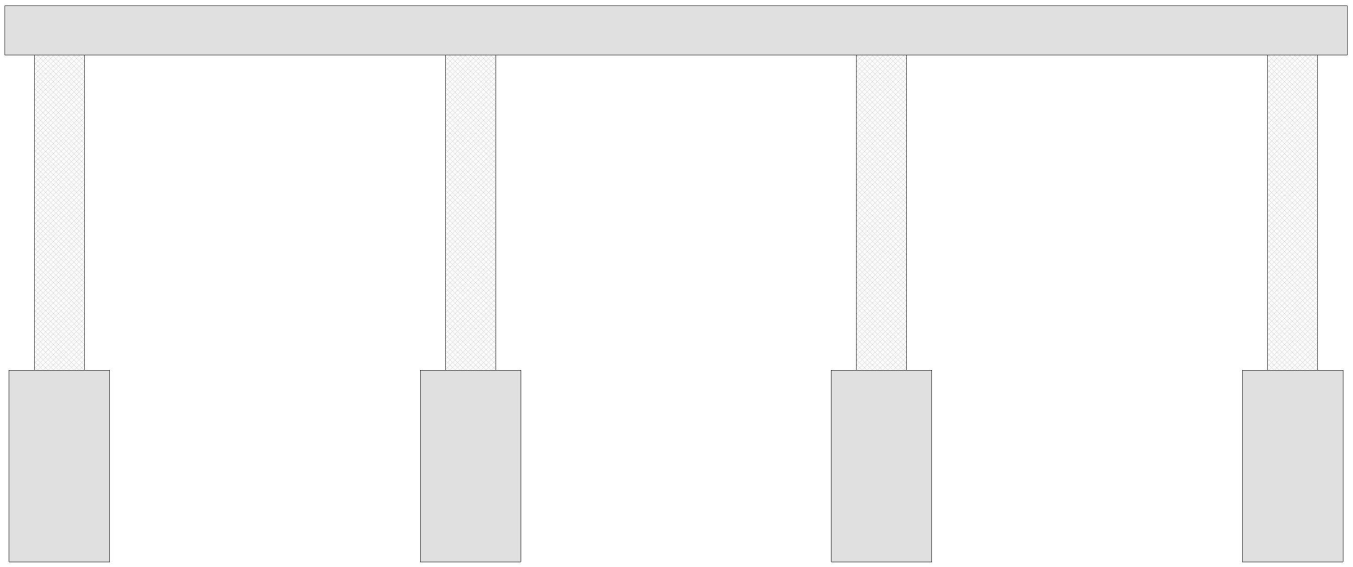
Measurements for Span #	1		
Deck Thickness	0.5	Left Overhang	0.417
Top of Rail to Bottom of Beam	3.833	Right Overhang	0.417

Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	X	X = 0.884 ft. ODD SPANS, 1.384 ft. EVEN SPANS
2	Timber (Rectangular)	1.384ft	TIMBER JOISTS -.500 ft. WIDE X 1.0 ft. HEIGHT.
3	Timber (Rectangular)	1.384ft	
4	Timber (Rectangular)	1.384ft	
5	Timber (Rectangular)	1.384ft	
6	Timber (Rectangular)	1.384ft	
7	Timber (Rectangular)	1.384ft	
8	Timber (Rectangular)	1.384ft	
9	Timber (Rectangular)	1.384ft	
10	Timber (Rectangular)	1.384ft	
11	Timber (Rectangular)	1.384ft	
12	Timber (Rectangular)	1.384ft	
13	Timber (Rectangular)	1.384ft	
14	Timber (Rectangular)	1.384ft	
15	Timber (Rectangular)	1.384ft	
16	Timber (Rectangular)	1.384ft	
17	Timber (Rectangular)	1.384ft	
18	Timber (Rectangular)	Y	Y = 1.384 ft. ODD SPANS, O.884 ft. EVEN SPANS
19	Timber (Rectangular)	ft	

MEASUREMENT UPDATED JWG 2/17/2016

Title	**Description**		
TYPICAL SECTION	CONCRETE ON TIMBER		
Bridge No: 420011	**Drawn By:** WBN	**Date:** 3/6/08	**File Name:** S0074000655

Bridge Inspection Field Sketch



Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.0 ft.	1 ft.	0.98 ft.	1.00 ft.	1.00 ft.	1 ft.	1 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	MEASUREMENT UPDATED JWG 2/17/2016

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	Yes
2	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	Yes
3	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	Yes
4	Timber		1.0 ft.			Vertical	No	No	No	Yes

Bent/Abutment #: 1 Similar Bents:

Title	**Description**
BENT 1	TIMBER POST AND BEAM

Bridge No: 420011	**Drawn By:** EC BLAKE	**Date:** 3/6/2008	**File Name:** S0070001033

Bridge Inspection Field Sketch



Cap Information			Material			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1 ft.	0.917 ft.	1.0 ft.	1.0 ft.	1.000 ft.	1 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	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
2	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
3	Timber	8.0 ft.	1.0 ft.			Vertical	No	No	No	No
4	Timber		1.0 ft.			Vertical	No	No	No	No

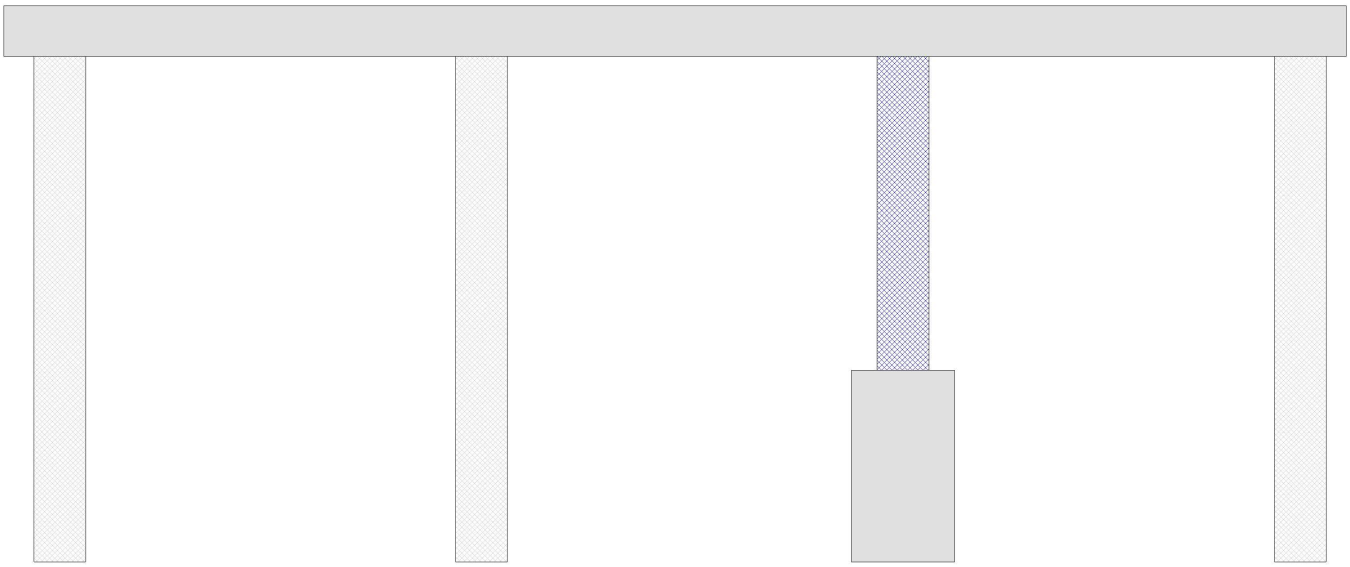
MEASUREMENT UPDATED JWG 2/17/2016

Bent/Abutment #: 2 Similar Bents:

Title	**Description**
END BENT 2	TIMBER POST AND BEAM

Bridge No: 420011	**Drawn By:** WBN	**Date:** 3/6/08	**File Name:** S0074000656

Bridge Inspection Field Sketch



Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1 ft.	0.98 ft.	1.0 ft.	1.0 ft.	1 ft.	1 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	MEASUREMENT UPDATED JWG 2/17/2016

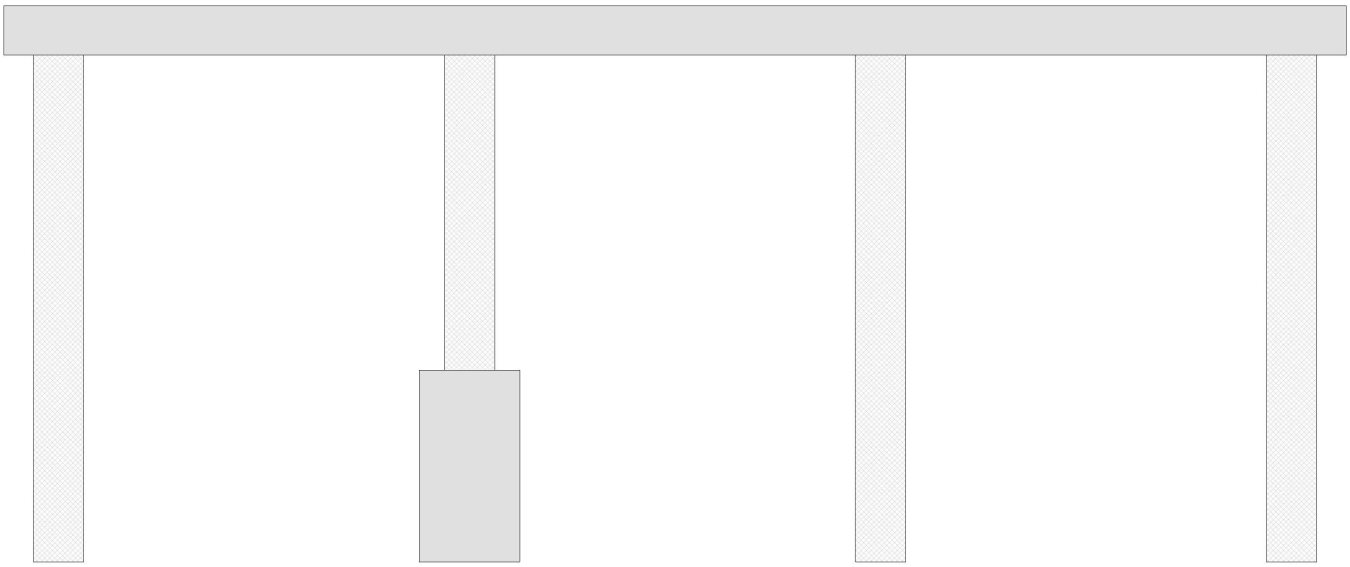
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	No
2	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	No
3	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	Yes
4	Timber		1.0 ft.			Vertical	No	No	No	No

Bent/Abutment #: 4 Similar Bents: 5

Title	**Description**
BENT 4 AND 5	TIMBER CAP AND PILES

Bridge No: 420011	**Drawn By:** EC BLAKE	**Date:** 3/6/2008	**File Name:** S0070001034

Bridge Inspection Field Sketch



Cap Information			Material Timber			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.0 ft.	1 ft.	0.98 ft.	1.0 ft.	1.0 ft.	1 ft.	1 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	
			MEASUREMENT UPDATED JWG 2/17/2016

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	No
2	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	Yes
3	Timber	8.00 ft.	1.0 ft.			Vertical	No	No	No	No
4	Timber		1.0 ft.			Vertical	No	No	No	No

Bent/Abutment #: 2 Similar Bents: 3

Title	**Description**
BENT 2 AND 3	1 2 AND 3

Bridge No: 420011	**Drawn By:** WBN	**Date:** 3/6/08	**File Name:** S0074000657

Bridge Inspection Field Sketch

SR 2002 - STEWART TOWN RD.



Roadway	18ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

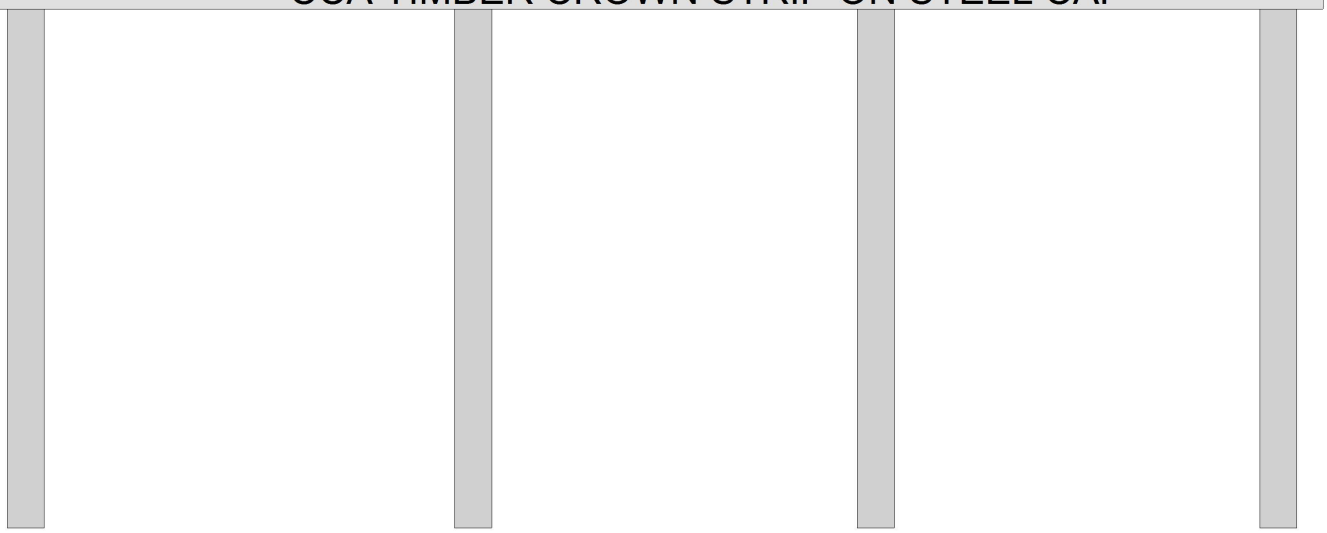
MEASURED 15 FT FROM END BENT 1

MEASUREMENT VERIFIED JWG 2/17/2016

Title	**Description**		
APPROACH ROADWAY	LOOKING EAST		
Bridge No: 420011	**Drawn By:** EC BLAKE	**Date:** 3/06/08	**File Name:** S0070000464

Bridge Inspection Field Sketch

CCA TIMBER CROWN STRIP ON STEEL CAP



Cap Information			Material Steel			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
30.000 ft.	.833 ft.	.833 ft.	1.000 ft.	1.00 ft.	2.833 ft.	2.833 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	MEASUREMENT UPDATED JWG 2/17/2016

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Steel	10.00 ft.	0.833 ft.	.833 ft.		Vertical	Yes	No	No	No
2	Steel	9.00 ft.	.833 ft.	.833 ft.		Vertical	Yes	No	No	No
3	Steel	9.00 ft.	.833 ft.	.833 ft.		Vertical	Yes	No	No	No
4	Steel		.833 ft.	0.833 ft.		Vertical	Yes	No	No	No

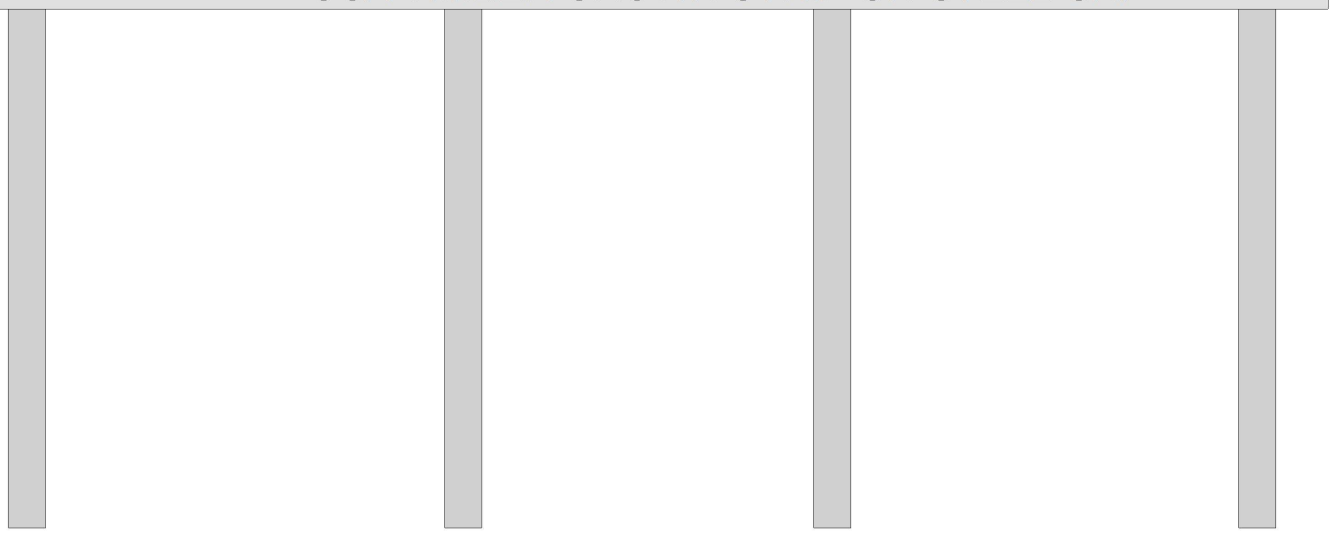
Bent/Abutment #: 1 Similar Bents: 2

Title	**Description**
CRUTCH BENT SPAN 1	10" H-PILE

Bridge No: 420011	**Drawn By:** EC BLAKE	**Date:** 12/21/2009	**File Name:** S0070001469

Bridge Inspection Field Sketch

CCA TIMBER CROWN STRIP ON STEEL CAP



Cap Information			Material Steel			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
30.000 ft.	.833 ft.	.833 ft.	1.0 ft.	1.5 ft.	2.833 ft.	2.833 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	MEASUREMENT UPDATED JWG 2/17/2016

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Steel	9.750 ft.	.833 ft.	.833 ft.		Vertical	Yes	No	No	No
2	Steel	8.250 ft.	.833 ft.	.833 ft.		Vertical	Yes	No	No	No
3	Steel	9.500 ft.	.833 ft.	.833 ft.		Vertical	Yes	No	No	No
4	Steel		0.833 ft.	0.833 ft.		Vertical	Yes	No	No	No

Bent/Abutment #: 2 Similar Bents: 1

Title
STL CRUTCH BT # 2

Description
STL 10" H-PILE AT PIER 1, SPAN 2

Bridge No: 420011 **Drawn By:** EC BLAKE **Date:** 12/21/2009 **File Name:** S0070001470