NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: Priority maintenace issued on decayed joist
Temporary pile repairs

Structure Safety Report

Routine Element Inspection

COUNTY: JOHNSTON STRUCTURE NUMBER: 500239 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR2129 MILE POST:

LOCATION: 0.3 MI.N.SR1934

FEATURE INTERSECTED: BUFFALO CREEK

LATITUDE: 35° 35' 26.92" LONGITUDE: 78° 13' 37.75"

SUPERSTRUCTURE: RC FLOOR ON TIMBER JOISTS;STD.BMD-10

SUBSTRUCTURE: EBTS&BTS:TIM.CAP/TIM.PILES@W/CONC.ENC.CCA SPLICED PILES

1@17'5,6@17',1@17'5

SPANS: 1@17"5,6@17",1@17"5

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

PRESENT CONDITION: Fair INSPECTION DATE: 10/21/2015

POSTED SV: 19 POSTED TTST: 27

OTHER SIGNS PRESENT: 4 Delineators

Looking north

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
Willis C May	Willis C May	Wayne T Wilkinson

Span Element Report

Structure Number: 500239 Inspection Date: 10/21/2015

Span Number 1 Span Length 17.4167 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	442	419	23	0	0	23	3326
111		Timber Open Girder/Beam	361	170	187	4	0	191	3304
216		Timber Abutment	30	24	0	6	0	6	3346
228		Timber Pile	4	0	4	0	0	14	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
331		Reinforced Concrete Bridge Railing	36	35	0	1	0	1	3318
510		Wearing Surface	419	372	23	24	0	47	2816

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

Span Number 2 Span Length 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	431	408	23	0	0	23	3326
111		Timber Open Girder/Beam	342	251	87	4	0	91	3304
228		Timber Pile	4	0	4	0	0	28	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-26	26	0	0	26	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318
510		Wearing Surface	408	345	51	12	0	63	2816

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

Span Number 3 Span Length 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	431	408	23	0	0	23	3326
111		Timber Open Girder/Beam	342	264	66	12	0	78	3304
228		Timber Pile	4	0	2	2	0	40	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-20	20	0	0	20	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318
510		Wearing Surface	408	332	52	24	0	76	2816

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

Span Number 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	431	408	23	0	0	23	3326
111		Timber Open Girder/Beam	342	196	146	0	0	146	3304
228		Timber Pile	4	0	1	3	0	37	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-10	10	0	0	10	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318

510		Wearing Surface	408	315	69	24	0	93	2816

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

Span Number 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	431	408	23	0	0	23	3326
111		Timber Open Girder/Beam	342	153	182	1	6	189	3304
228		Timber Pile	4	0	3	1	0	23	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-20	20	0	0	20	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318
510		Wearing Surface	408	329	53	26	0	79	2816

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

Span Number 6 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	431	408	23	0	0	23	3326
111		Timber Open Girder/Beam	342	121	221	0	0	221	3304
228		Timber Pile	4	0	4	0	0	19	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-10	10	0	0	10	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318
510		Wearing Surface	408	319	65	24	0	89	2816

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

Span Number 7 Span Length 17 Feet Number of Beams/Girders: 20

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	431	408	23	0	0	23	3326
107		Steel Open Girder/Beam	18	0	14	4	0	18	3314
515	107	Steel Protective Coating	58	0	0	0	58	58	3342
111		Timber Open Girder/Beam	360	212	136	6	6	148	3304
228		Timber Pile	4	0	4	0	0	17	3344
235		Timber Pier Cap	26	0	26	0	0	26	3344
301		Pourable Joint Seal	0	-15	15	0	0	15	3310
331		Reinforced Concrete Bridge Railing	34	34	0	0	0	0	3318
510		Wearing Surface	408	332	52	24	0	76	2816

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

Span Number 8 Span Length 17.4167 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	442	419	23	0	0	23	3326
111		Timber Open Girder/Beam	361	250	111	0	0	111	3304
216		Timber Abutment	30	15	12	3	0	12	3346

228		Timber Pile	8	0	7	1	0	52	3344
235		Timber Pier Cap	52	0	52	0	0	26	3344
301		Pourable Joint Seal	26	11	15	0	0	15	3310
331		Reinforced Concrete Bridge Railing	36	36	0	0	0	0	3318
510		Wearing Surface	419	335	56	28	0	84	2816

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

Superstructure Detailed Element Quantites

Structure Number: 500239 Inspection Date: 10/21/2015

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	442	419	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	18	18	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	18	17	0	1	0	1	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	419	372	23	24	0	47	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	19	0	17	2	0	19	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	19	9	10	0	0	10	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	19	11	8	0	0	8	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	19	0	0	0	0	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	19	9	10	0	0	10	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	19	16	3	0	0	3	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	19	11	8	0	0	8	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	19	15	4	0	0	4	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	19	13	6	0	0	6	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	0	19	0	0	19	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	19	12	7	0	0	7	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	19	17	0	2	0	2	3304	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	345	51	12	0	63	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	0	16	2	0	18	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	13	5	0	0	5	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	14	4	0	0	4	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	6	12	0	0	12	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	15	3	0	0	3	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	10	8	0	0	8	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	10	8	0	0	8	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	3	15	0	0	15	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	18	0	0	0	0	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	0	16	2	0	18	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-26	26	0	0	26	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	332	52	24	0	76	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	8	0	10	0	10	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	18	0	0	0	0	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	16	2	0	0	2	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	15	3	0	0	3	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	16	2	0	0	2	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	11	7	0	0	7	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	0	18	0	0	18	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	0	18	0	0	18	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	0	16	2	0	18	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-20	20	0	0	20	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	315	69	24	0	93	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	12	6	0	0	6	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	10	8	0	0	8	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	13	5	0	0	5	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	15	3	0	0	3	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	11	7	0	0	7	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	11	7	0	0	7	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	0	18	0	0	18	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	13	5	0	0	5	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	12	6	0	0	6	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	14	4	0	0	4	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	9	9	0	0	9	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	4	14	0	0	14	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-10	10	0	0	10	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	329	53	26	0	79	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	9	9	0	0	9	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	8	10	0	0	10	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	10	8	0	0	8	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	3	0	0	3	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	16	2	0	0	2	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	12	6	0	0	6	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	18	12	6	0	0	6	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	0	12	0	6	18	3304	☑ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-20	20	0	0	20	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	319	65	24	0	89	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	13	5	0	0	5	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	0	18	0	0	18	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	0	18	0	0	18	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	13	5	0	0	5	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	10	111	Timber Open Girder/Beam	18	4	14	0	0	14	3304	☐ Requested
☑ Beam	11	111	Timber Open Girder/Beam	18	15	3	0	0	3	3304	☐ Requested
☑ Beam	12	111	Timber Open Girder/Beam	18	8	10	0	0	10	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	14	111	Timber Open Girder/Beam	18	8	10	0	0	10	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	16	111	Timber Open Girder/Beam	18	6	12	0	0	12	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-10	10	0	0	10	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

Span Number 7

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	431	408	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	17	17	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	408	332	52	24	0	76	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	2	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	3	111	Timber Open Girder/Beam	18	13	5	0	0	5	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	18	0	18	0	0	18	3304	☐ Requested
☑ Beam	5	111	Timber Open Girder/Beam	18	13	5	0	0	5	3304	☐ Requested
☑ Beam	6	111	Timber Open Girder/Beam	18	9	9	0	0	9	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	18	10	8	0	0	8	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	18	12	6	0	0	6	3304	☐ Requested
☑ Beam	9	111	Timber Open Girder/Beam	18	16	2	0	0	2	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	6	0	6	6	12	3304	☐ Requested
☑ Beam	12	107	Steel Open Girder/Beam	18	0	14	4	0	18	3314	☐ Requested
Protective System		515	Steel Protective Coating	58	0	0	0	58	58	3342	
☐ 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	17	1	0	0	1	3304	☐ Requested
☑ Beam	15	111	Timber Open Girder/Beam	18	15	3	0	0	3	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	0	18	0	0	18	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	18	3	15	0	0	15	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	18	8	10	0	0	10	3304	☐ Requested
☑ Beam	20	111	Timber Open Girder/Beam	18	18	0	0	0	0	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	0	-15	15	0	0	15	3310	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

Span Number 8

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	442	419	23	0	0	23	3326	☐ Requested
☑ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	18	18	0	0	0	0	3318	☐ Requested
☑ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	18	18	0	0	0	0	3318	☐ Requested
☑ Wearing Surfaces		510	Wearing Surface	419	335	56	28	0	84	2816	☐ Requested
☑ Beam	1	111	Timber Open Girder/Beam	19	0	19	0	0	19	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	11	8	0	0	8	3304	☐ Requested
☑ Beam	4	111	Timber Open Girder/Beam	19	16	3	0	0	3	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	19	0	0	0	0	3304	☐ Requested
☑ Beam	7	111	Timber Open Girder/Beam	19	12	7	0	0	7	3304	☐ Requested
☑ Beam	8	111	Timber Open Girder/Beam	19	7	12	0	0	12	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	9	10	0	0	10	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	10	9	0	0	9	3304	☐ Requested
☑ Beam	13	111	Timber Open Girder/Beam	19	7	12	0	0	12	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	16	3	0	0	3	3304	☐ Requested
☑ Beam	17	111	Timber Open Girder/Beam	19	14	5	0	0	5	3304	☐ Requested
☑ Beam	18	111	Timber Open Girder/Beam	19	15	4	0	0	4	3304	☐ Requested
☑ Beam	19	111	Timber Open Girder/Beam	19	0	19	0	0	19	3304	☐ Requested
☐ Expansion Joints	1	301	Pourable Joint Seal	26	11	15	0	0	15	3310	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 500239 Inspection Date: 10/21/2015

Span Number 1

Span 1	Deck	1	Component Name:	Reinforced Concrete Deck

Element: 12 Name Reinforced Concrete Deck Qty: 442 Lvl 2: 23 Lvl 3 0 Lvl 4 0 Maint. Qty 23

Defect Description:

35 Square Feet of asphalt patching along the Right side gutter-line.
23 Square Feet of Abrasion/Wear along deck curbs (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.

Span 1	Bridge Rail	2	Component Name:	Concrete Railing

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

Defect Description:

1 Foot of Spalling in the end post at End Bent 1: Spall greater than 1 in. deep or greater than 6 in. diameter.

Span 1	Wearing Surfaces		Component Name:	Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 419 Lvl 2: 23 Lvl 3 24 Lvl 4 0 Maint. Qty 47

Defect Description:

24 Square Feet of Cracking over End Bent 1 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
23 Square Feet of concrete patching in the Northbound lane at Bent 1.

Span 1	Beam	1	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 17 Lvl 3 2 Lvl 4 0 Maint. Qty 19

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.
The splice block is decayed through at bent 1.

Span 1	Beam	2	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10

Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	3	Component Name:	Timber Joist

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

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	4	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:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	7	Component Name:	Timber Joist

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

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	8	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10

Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	9	Component Name:	Timber Joist

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

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	10	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	3	Lvl 3	0	Lvl 4	0 Maint. Qty	3

Defect Description:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	11	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	19	Lvl 3	0	Lvl 4	0 Maint. Qty	19

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	12	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:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	13	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	4	Lvl 3	0	Lvl 4	0 Maint. Qty	4

Defect Description:

4 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	14	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	6	Lvl 3	0	Lvl 4	0 Maint. Qty	6

Defect Description:

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	16	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	19	Lvl 3	0	Lvl 4	0 Maint. Qty	19

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	17	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	19	Lvl 3	0	Lvl 4	0 Maint. Qty	19

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 1	Beam	18	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	19	Lvl 2:	7	Lvl 3	0	Lvl 4	0 Maint. Qty	7

Defect Description:

7 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

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

Defect Description:

2 Feet of Decay: The splice block is decayed through at bent 1.

Span Number 2

Span 2	Deck	1	Component Name:	Reinforced Concrete Deck							
Element: 12	Name	Reinforced Concrete Deck	Qty:	431	Lvl 2:	23	Lvl 3	0	Lvl 4	0 Maint. Qty	23

Defect Description:

35 Square Feet of asphalt patching along the Right side gutter-line.
23 Square Feet of Abrasion/Wear along deck curbs(PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.

Span 2 Wearing Surfaces Component Name: Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 408 Lvl 2: 51 Lvl 3 12 Lvl 4 0 Maint. Qty 63
Defect Description:

12 Square Feet of Cracking over Bent 1 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
51 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.

Span 2 Beam 1 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 16 Lvl 3 2 Lvl 4 0 Maint. Qty 18
Defect Description:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

2 Feet of Decay: The splice block is decayed through at bent 2.

Span 2 Beam 3 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 5 Lvl 3 0 Lvl 4 0 Maint. Qty 5
Defect Description:

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

Span 2 Beam 4 Component Name: Timber Joist

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

4 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 6 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 12 Lvl 3 0 Lvl 4 0 Maint. Qty 12
Defect Description:

12 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 8 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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 11 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 8 Lvl 3 0 Lvl 4 0 Maint. Qty 8
Defect Description:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 13 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 8 Lvl 3 0 Lvl 4 0 Maint. Qty 8
Defect Description:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 15 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 15 Lvl 3 0 Lvl 4 0 Maint. Qty 15
Defect Description:

15 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 2 Beam 19 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 16 Lvl 3 2 Lvl 4 0 Maint. Qty 18
Defect Description:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

2 Feet of Decay: The splice block is decayed through at bent 2.

Span 2	Expansion Joints	1	Component Name:	Standard Joint

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

26 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 3

Span 3	Deck	1	Component Name:	Reinforced Concrete Deck

Element: 12 Name Reinforced Concrete Deck Qty: 431 Lvl 2: 23 Lvl 3 0 Lvl 4 0 Maint. Qty 23
Defect Description:

23 Square Feet of Abrasion/Wear along deck curbs (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.
35 Square Feet of asphalt patching along the Right side gutter-line.

Span 3	Wearing Surfaces		Component Name:	Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 408 Lvl 2: 52 Lvl 3 24 Lvl 4 0 Maint. Qty 76
Defect Description:

24 Square Feet of Cracking over Bent 2 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
1 Square Foot Pothole in the Southbound lane. Partial depth pothole.
51 Square Feet abrasion (longitudinal bands) throughout Wearing surface.

Span 3	Beam	1	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 0 Lvl 3 10 Lvl 4 0 Maint. Qty 10
Defect Description:

8 Feet of Split/Delamination (Timber): Length equal to or greater than the member depth but does not require structural review.

2 Feet of Decay: The splice block is decayed through at bent 1.

Span 3	Beam	6	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:

2 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	7	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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	10	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:

2 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	11	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 7 Lvl 3 0 Lvl 4 0 Maint. Qty 7
Defect Description:

7 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	13	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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	17	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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 3	Beam	19	Component Name:	Timber Joist						
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	16	Lvl 3	2	Lvl 4	0 Maint. Qty 18

Defect Description:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

2 Feet of Decay: The splice block is decayed through at bent 1.

Span 3	Expansion Joints	1	Component Name:	Standard Joint						
Element: 301	Name	Pourable Joint Seal	Qty:	0	Lvl 2:	20	Lvl 3	0	Lvl 4	0 Maint. Qty 20

Defect Description:

20 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 4

Span 4	Deck	1	Component Name:	Reinforced Concrete Deck						
Element: 12	Name	Reinforced Concrete Deck	Qty:	431	Lvl 2:	23	Lvl 3	0	Lvl 4	0 Maint. Qty 23

Defect Description:

23 Square Feet of Abrasion/Wear along deck curbs (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.
35 Square Feet of asphalt patching along the Right side gutter-line.

Span 4	Wearing Surfaces		Component Name:	Asphalt Wearing Surface						
Element: 510	Name	Wearing Surface	Qty:	408	Lvl 2:	69	Lvl 3	24	Lvl 4	0 Maint. Qty 93

Defect Description:

24 Square Feet of Cracking over Bent 3 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
1 Square Foot Pothole in the Northbound lane. Partial depth pothole.
68 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.

Span 4	Beam	2	Component Name:	Timber Joist						
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	6	Lvl 3	0	Lvl 4	0 Maint. Qty 6

Defect Description:

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4	Beam	3	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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4	Beam	4	Component Name:	Timber Joist						
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	8	Lvl 3	0	Lvl 4	0 Maint. Qty 8

Defect Description:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4	Beam	7	Component Name:	Timber Joist						
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	5	Lvl 3	0	Lvl 4	0 Maint. Qty 5

Defect Description:

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

Span 4 Beam 8 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 9 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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 10 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 7 Lvl 3 0 Lvl 4 0 Maint. Qty 7
Defect Description:

7 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 11 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 7 Lvl 3 0 Lvl 4 0 Maint. Qty 7
Defect Description:

7 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 12 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 14 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 5 Lvl 3 0 Lvl 4 0 Maint. Qty 5
Defect Description:

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

Span 4 Beam 15 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 6 Lvl 3 0 Lvl 4 0 Maint. Qty 6
Defect Description:

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 16 Component Name: Timber Joist

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

4 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 17 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 9 Lvl 3 0 Lvl 4 0 Maint. Qty 9
Defect Description:

9 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 Beam 18 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 14 Lvl 3 0 Lvl 4 0 Maint. Qty 14
Defect Description:

14 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 4	Expansion Joints	1	Component Name:	Standard Joint

Element: 301 Name Pourable Joint Seal Qty: 0 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10
Defect Description:

10 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 5

Span 5	Deck	1	Component Name:	Reinforced Concrete Deck

Element: 12 Name Reinforced Concrete Deck Qty: 431 Lvl 2: 23 Lvl 3 0 Lvl 4 0 Maint. Qty 23
Defect Description:

23 Square Feet of Abrasion/Wear along deck curbs(PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.
35 Square Feet of asphalt patching along the Right side gutter-line.

Span 5	Wearing Surfaces		Component Name:	Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 408 Lvl 2: 53 Lvl 3 26 Lvl 4 0 Maint. Qty 79
Defect Description:

24 Square Feet of Cracking over Bent 4 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
51 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.
2 Square Feet of Patching in Wearing surface. Patched areas that are sound.
2 Square Feet of Patching. Patched areas that are unsound.

Span 5	Beam	1	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 9 Lvl 3 0 Lvl 4 0 Maint. Qty 9
Defect Description:

9 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5	Beam	2	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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5	Beam	3	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10
Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

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:

1 Foot of Split/Delamination (Timber): Length equal to or greater than the member depth but does not require structural review.

Span 5	Beam	6	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 8 Lvl 3 0 Lvl 4 0 Maint. Qty 8
Defect Description:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5	Beam	9	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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 10 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:

2 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 11 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 6 Lvl 3 0 Lvl 4 0 Maint. Qty 6

Defect Description:

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 12 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 13 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 14 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 6 Lvl 3 0 Lvl 4 0 Maint. Qty 6

Defect Description:

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 15 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 16 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 17 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Beam 18 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 12 Lvl 3 0 Lvl 4 6 Maint. Qty 18

Defect Description:

6 Feet of Decay/ decay 6 in high x 6 in wide x 5.5 ft long in top of joist at bent 4. priority maintenance issued
12 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 5 Expansion Joints 1 Component Name: Standard Joint

Element: 301 Name Pourable Joint Seal Qty: 0 Lvl 2: 20 Lvl 3 0 Lvl 4 0 Maint. Qty 20

Defect Description:

20 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 6

Span 6	Deck	1	Component Name:	Reinforced Concrete Deck					
Element: 12	Name Reinforced Concrete Deck	Qty: 431	Lvl 2: 23	Lvl 3 0	Lvl 4 0	Maint. Qty 23			
Defect Description:									

23 Square Feet of Abrasion/Wear along deck curbs(PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.
35 Square Feet of asphalt patching along the Right side gutter-line.

Span 6	Wearing Surfaces		Component Name:	Asphalt Wearing Surface					
Element: 510	Name Wearing Surface	Qty: 408	Lvl 2: 65	Lvl 3 24	Lvl 4 0	Maint. Qty 89			
Defect Description:									

65 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.
24 Square Feet of Cracking over Bent 5 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.

Span 6	Beam	1	Component Name:	Timber Joist					
Element: 111	Name Timber Open Girder/Beam	Qty: 18	Lvl 2: 5	Lvl 3 0	Lvl 4 0	Maint. Qty 5			
Defect Description:									

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

Span 6	Beam	3	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:									

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6	Beam	5	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:									

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6	Beam	6	Component Name:	Timber Joist					
Element: 111	Name Timber Open Girder/Beam	Qty: 18	Lvl 2: 5	Lvl 3 0	Lvl 4 0	Maint. Qty 5			
Defect Description:									

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

Span 6	Beam	7	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:									

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6	Beam	8	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:									

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6	Beam	9	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:									

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6	Beam	10	Component Name:	Timber Joist					
Element: 111	Name Timber Open Girder/Beam	Qty: 18	Lvl 2: 14	Lvl 3 0	Lvl 4 0	Maint. Qty 14			
Defect Description:									

14 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 11 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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 12 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10
Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 13 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 14 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10
Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 15 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 16 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 18 Lvl 2: 12 Lvl 3 0 Lvl 4 0 Maint. Qty 12
Defect Description:

12 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Beam 18 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 6 Expansion Joints 1 Component Name: Standard Joint

Element: 301 Name Pourable Joint Seal Qty: 0 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10
Defect Description:

10 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 7

Span 7 Deck 1 Component Name: Reinforced Concrete Deck

Element: 12 Name Reinforced Concrete Deck Qty: 431 Lvl 2: 23 Lvl 3 0 Lvl 4 0 Maint. Qty 23
Defect Description:

23 Square Feet of Abrasion/Wear along deck curbs (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.

25 Square Feet of asphalt patching along the Right side gutter-line.

Span 7	Wearing Surfaces		Component Name:	Asphalt Wearing Surface							
Element: 510	Name	Wearing Surface	Qty:	408	Lvl 2:	52	Lvl 3	24	Lvl 4	0 Maint. Qty	76
Defect Description:											

24 Square Feet of Cracking over Bent 6 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
51 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.
1 Square Foot Patch in the Southbound lane at Bent 7. Patched area that is sound.

Span 7	Beam	1	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:											

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	2	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:											

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	3	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	5	Lvl 3	0	Lvl 4	0 Maint. Qty	5
Defect Description:											

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

Span 7	Beam	4	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:											

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	5	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	5	Lvl 3	0	Lvl 4	0 Maint. Qty	5
Defect Description:											

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

Span 7	Beam	6	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	9	Lvl 3	0	Lvl 4	0 Maint. Qty	9
Defect Description:											

9 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	7	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	8	Lvl 3	0	Lvl 4	0 Maint. Qty	8
Defect Description:											

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	8	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	6	Lvl 3	0	Lvl 4	0 Maint. Qty	6
Defect Description:											

6 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	9	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:											

2 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	11	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	0	Lvl 3	6	Lvl 4	6 Maint. Qty	12

Defect Description:

6 Feet of Crack (Timber): The joist is split through near bent 6 a steel beam has been placed to the right side as a replacement.
6 Feet of Split/Delamination (Timber): Length equal to or greater than the member depth but does not require structural review.

Span 7	Beam	12	Component Name:	S Beam							
Element: 107	Name	Steel Open Girder/Beam	Qty:	18	Lvl 2:	14	Lvl 3	4	Lvl 4	0 Maint. Qty	18

Defect Description:

2 Feet of Corrosion: Section loss in the bent 6 end with 3/16 in remaining in the web 2 in high and 3/16 in remaining in the bottom flange.
2 Feet of Corrosion: Section loss in the bent 7 end with 1/8 in remaining in the bottom of web 2 in high and bottom flange down to knife edge.
14 Feet of Corrosion: Freckled Rust. Corrosion of the steel has initiated.
58 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal.

Span 7	Beam	14	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:

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

Span 7	Beam	15	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:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	17	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:

18 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	18	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	15	Lvl 3	0	Lvl 4	0 Maint. Qty	15

Defect Description:

15 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Beam	19	Component Name:	Timber Joist							
Element: 111	Name	Timber Open Girder/Beam	Qty:	18	Lvl 2:	10	Lvl 3	0	Lvl 4	0 Maint. Qty	10

Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 7	Expansion Joints	1	Component Name:	Standard Joint							
Element: 301	Name	Pourable Joint Seal	Qty:	0	Lvl 2:	15	Lvl 3	0	Lvl 4	0 Maint. Qty	15

Defect Description:

15 Feet of Leakage: Minimal. Minor dripping through the joint.

Span Number 8

Span 8	Deck	1	Component Name:	Reinforced Concrete Deck							
Element: 12	Name	Reinforced Concrete Deck	Qty:	442	Lvl 2:	23	Lvl 3	0	Lvl 4	0 Maint. Qty	23

Defect Description:

23 Square Feet of Abrasion/Wear along deck curbs (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.
35 Square Feet of asphalt patching along the Right side gutter-line.

Span 8 Wearing Surfaces Component Name: Asphalt Wearing Surface

Element: 510 Name Wearing Surface Qty: 419 Lvl 2: 56 Lvl 3 28 Lvl 4 0 Maint. Qty 84

Defect Description:

28 Square Feet of Cracking over Bent 7 and End Bent 2 (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft.
51 Square Feet of abrasion (longitudinal bands) throughout Wearing surface.
5 Square Feet of Patching at End Bent 2. Patched area that is sound.

Span 8 Beam 1 Component Name: Timber Joist

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

Defect Description:

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 3 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:

8 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 4 Component Name: Timber Joist

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

Defect Description:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 7 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 7 Lvl 3 0 Lvl 4 0 Maint. Qty 7

Defect Description:

7 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 8 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 12 Lvl 3 0 Lvl 4 0 Maint. Qty 12

Defect Description:

12 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 10 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 10 Lvl 3 0 Lvl 4 0 Maint. Qty 10

Defect Description:

10 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 12 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 9 Lvl 3 0 Lvl 4 0 Maint. Qty 9

Defect Description:

9 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 13 Component Name: Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 12 Lvl 3 0 Lvl 4 0 Maint. Qty 12

Defect Description:

12 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8 Beam 16 Component Name: Timber Joist

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

Defect Description:

3 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8	Beam	17	Component Name:	Timber Joist

Element: 111 Name Timber Open Girder/Beam Qty: 19 Lvl 2: 5 Lvl 3 0 Lvl 4 0 Maint. Qty 5
Defect Description:

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

Span 8	Beam	18	Component Name:	Timber Joist

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

4 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8	Beam	19	Component Name:	Timber Joist

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

19 Feet of Check/Shake: Penetrates 5% - 50% of the thickness of the member and not in a tension zone.

Span 8	Expansion Joints	1	Component Name:	Standard Joint

Element: 301 Name Pourable Joint Seal Qty: 26 Lvl 2: 15 Lvl 3 0 Lvl 4 0 Maint. Qty 15
Defect Description:

15 Feet of Leakage: Minimal. Minor dripping through the joint.

Substructure Detailed Element Quantites

Structure Number: 500239 Inspection Date: 10/21/2015

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
☑ Caps	1	235	Timber Pier Cap	26	0	26	0	0	26	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	2	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Abutments	1	216	Timber Abutment	30	24	0	6	0	6	3346	☐ Requested

Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Caps	1	235	Timber Pier Cap	26	0	26	0	0	26	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	8	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	7	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	7	3344	☐ 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	0	26	0	0	26	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	10	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	0	1	0	10	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	10	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	0	1	0	10	3344	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

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	0	26	0	0	26	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	7	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	0	1	0	10	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	0	1	0	10	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	0	1	0	10	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	0	26	0	0	26	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	0	1	0	7	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	1	0	0	5	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	0	26	0	0	26	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	5	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	1	0	0	4	3344	☐ Requested

Structure Number: 500239 Inspection Date: 10/21/2015

Bent 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
☑ Caps	1	235	Timber Pier Cap	26	0	26	0	0	26	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	5	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested

Bent 7

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	0	26	0	0	26	3344	☐ Requested
☑ Piles and Columns	1	228	Timber Pile	1	0	1	0	0	0	3344	☐ Requested
☑ Piles and Columns	2	228	Timber Pile	1	0	1	0	0	5	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	4	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	3	3344	☐ Requested

End Bent 2

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☑ Caps	1	235	Timber Pier Cap	26	0	26	0	0	0	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	0	1	0	3	3344	☐ Requested
☑ Piles and Columns	3	228	Timber Pile	1	0	1	0	0	30	3344	☐ Requested
☑ Piles and Columns	4	228	Timber Pile	1	0	1	0	0	3	3344	☐ Requested
☑ Abutments	1	216	Timber Abutment	30	15	12	3	0	12	3346	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 500239 Inspection Date: 10/21/2015

End Bent 1

End Bent 1	Row 1	Caps	1										
Element: 235	Name	Timber Pier Cap		Qty:	26	Lvl 2:	26	Lvl 3	0	Lvl 4	0	Maint. Qty	26

Defect Description:

26 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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	2

Defect Description:

2 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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	4

Defect Description:

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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	4

Defect Description:

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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

Defect Description:

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

End Bent 1	Row 1	Abutments	1										
Element: 216	Name	Timber Abutment		Qty:	30	Lvl 2:	0	Lvl 3	6	Lvl 4	0	Maint. Qty	6

Defect Description:

2 Feet of Decay/ bulkhead board # 3 at left side of cap ecd thru 2 in high x 2 ft long.
2 Feet of Decay/ in bulkhead board below cap at right side of pile 3 2 in wide x 2 in deep.

2 Feet of Decay/in two boards at left side of pile 4-2 in high x 3 in deep.

Bent 1	Row 1	Caps	1										
Element: 235	Name	Timber Pier Cap		Qty:	26	Lvl 2:	26	Lvl 3	0	Lvl 4	0	Maint. Qty	26

Defect Description:

26 Feet of Check/Shake in face and bottom : Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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	6

Defect Description:

6 feet of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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	8

Defect Description:

8 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

1 Each of Decay/ in span 1 side 1 in deep x 2 in wide at cross brace connection 2 ft long.

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 7				
Defect Description:											

6.5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 1	Row 1	Piles and Columns	4								
Element: 228	Name Timber Pile		Qty: 1	Lvl 2: 1	Lvl 3 0	Lvl 4 0	Maint. Qty 7				
Defect Description:											

6.5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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

26 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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 10				
Defect Description:											

1 Each of Decay/ in the span 2 side 6 in diameter x 3/4 in deep below the crossbrace.
9 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 2	Row 1	Piles and Columns	2								
Element: 228	Name Timber Pile		Qty: 1	Lvl 2: 0	Lvl 3 1	Lvl 4 0	Maint. Qty 10				
Defect Description:											

1 Each of Decay/ in the the span 2 side at the cross brace connection 1 in deep x 4 in wide x 8 in high and in the span 3 side 1.5 in deep x 10 in wide x 1 ft high 2 ft above waterline.
The crossbrace connection is missing a nut from the bolt. The crossbrace is also decayed 1 in x 3 in x 5 ft long at pile 2.
9 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 2	Row 1	Piles and Columns	3								
Element: 228	Name Timber Pile		Qty: 1	Lvl 2: 1	Lvl 3 0	Lvl 4 0	Maint. Qty 10				
Defect Description:											

10 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 2	Row 1	Piles and Columns	4								
Element: 228	Name Timber Pile		Qty: 1	Lvl 2: 0	Lvl 3 1	Lvl 4 0	Maint. Qty 10				
Defect Description:											

1 Each of Decay/ in the crossbrace at pile 4 span 3 side 4 in wide x 18 in long x 3 in deep.
9 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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

24 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.
2 Feet of Decay/ in span 4 side crownstrip 1 in deep x 18 in long in bay 2.
Right end of cap decayed 1 in deep x 4 in diameter.

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 7
Defect Description:

7 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 3 Row 1 Piles and Columns 2

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3 1 Lvl 4 0 Maint. Qty 10
Defect Description:

1 Each of Decay/ in span 4 side 5 in x 4 in x 2 in deep above the cross brace.
10 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 3 Row 1 Piles and Columns 3

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3 1 Lvl 4 0 Maint. Qty 10
Defect Description:

1 Each of Decay: 4 in diameter x 2 in deep at the cross brace.
10 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 3 Row 1 Piles and Columns 4

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3 1 Lvl 4 0 Maint. Qty 10
Defect Description:

1 Each of Decay/ The end of the cross brace is decayed off at pile 4.
10 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 4 Row 1 Caps 1

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

26 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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:

6 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.
1 Each of Decay/ 1 in deep in left side at ground line 6 in high.

Bent 4 Row 1 Piles and Columns 2

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 0 Lvl 3 1 Lvl 4 0 Maint. Qty 7
Defect Description:

7 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.
1 Each of Decay/ in span 5 side at ground line 1.5 in deep x 12 in high x 8 in wide.

Bent 4 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:

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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 5
Defect Description:

4.5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 5 Row 1 Caps 1

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

1 Feet of Decay in left end of cap 2 in diameter x 1 in deep.
25 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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 5
Defect Description:

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone. 10 in Ibeams bolted to pile at ground line sticking up 12 in from ground line. 1/8 in section loss in exposed faces.

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 5
Defect Description:

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

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 5
Defect Description:

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 5 Row 1 Piles and Columns 4

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

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 6 Row 1 Caps 1

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

24 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.
2 Feet of Decay/ in span 6 side of crownstrip at joist 16 1.5 in deep x 1.5 in high .

Bent 6 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:

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 6 Row 1 Piles and Columns 2

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

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.
I beams bolted to each side at ground line . 1/8 in section loss in beams from ground line up.

Bent 6 Row 1 Piles and Columns 3

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

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 6 Row 1 Piles and Columns 4

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

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 7 Row 1 Caps 1

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

25 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.
1 Feet of Decay/ 3 in diameter x 1 ft long in right end of cap.

Bent 7 Row 1 Piles and Columns 1

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

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 7 Row 1 Piles and Columns 2

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

5 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 7 Row 1 Piles and Columns 3

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

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

Bent 7 Row 1 Piles and Columns 4

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

3 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

End Bent 2 Row 1 Caps 1

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

26 Feet of Check/Shake: Penetrates 5%-50% of the thickness of the memeber and not in a tension zone.

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 4
Defect Description:

4 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

End Bent 2 Row 1 Piles and Columns 2

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

3 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.
1 Each of Crack (Timber): 1/2 in wide vertical crack in Left side 2.25 in deep.

End Bent 2 Row 1 Piles and Columns 3

Element: 228 Name Timber Pile Qty: 1 Lvl 2: 1 Lvl 3 0 Lvl 4 0 Maint. Qty 30
Defect Description:

3 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

End 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 3
Defect Description:

3 ft of Check/Shake: Penetrates 5%-50% of the thickenss of the member and not in the tension zone.

End Bent 2	Row 1	Abutments	1

Element: 216 Name Timber Abutment Qty: 30 Lvl 2: 12 Lvl 3 3 Lvl 4 0 Maint. Qty 12
Defect Description:

3 Feet of Decay/bulkhead board #2 at left end decayed through.
12 Feet of Check/Shake in bulkhead piles and boards : Penetrates 5%-50% of the thickness of the member and not in a tension zone.

BRIDGE I & A FORM 1(97) AA SHEET 1 AA

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

BRIDGE: **500239** County **Johnston** DATE: 11/12/2013

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

	CODE	BY
S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION	T	TSE
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	3	TSE 11/12/13

S I & A ITEM 64 OPERATING RATING
HS BY:

S I & A ITEM 66 - INVENTORY RATING
HS BY:

COMMENTS

Most timber piles have been encased with concrete and some have steel plates bolted to them.

Temporary Repairs RETAIN TEMP - TMS 04/14/16

Revised 11/7/2006

National Bridge and NC Inspection Items

Structure Number: 500239 Inspection Date: 10/21/2015

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	7
Item 62: Culvert	0 - 9 , N	
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	547	3376
Drainage System	G, F, P, or C	P	274	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	F	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	F	40	3350
Field Scour Evaluation		G		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years	8		

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	16
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	Y

National Bridge and NC SMU Inspection Item Details

Structure Number: 500239 Inspection Date: 10/21/2015

Item	Presently Posted	Grade	Y	Maint Code		Qty.	0
Details	SV 19 TTST 27						

Item	Other Equipment Used	Grade	Y	Maint Code		Qty.	0
Details	Boots.						

Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	547
Details	Dirt and debris out 2 ft. along gutterlines.						

Item	Drainage System	Grade	P	Maint Code	3332	Qty.	274
Details	All deck drains clogged or covered with debris.						

Item	Slope Protection	Grade	F	Maint Code	3352	Qty.	0
Details	Unprotected slopes.						

Item	Wingwalls	Grade	F	Maint Code	3350	Qty.	40
Details	End bent 1: Left wingwall boards 2,4,5,6 decayed 2 to 3 in deep 3 ft long. Right top wingwall board decayed 2 in deep 2 ft long. End bent 2: Right top wingwall board decayed thru and missing.						

Item	Field Scour Evaluation	Grade	G	Maint Code		Qty.	0
Details	Plan of action code z: No change in mudline from established baseline.						

Transverse cracking in Wearing surface over End Bent 1

Dirt and debris along curblines

Concrete patch in the Northbound lane and shoulder of Span 1

Asphalt patch in the Southbound lane over Bent 1

Longitudinal bands of deterioration in Span 1 Asphalt wearing surface - All spans similar

Cracking and separation in Asphalt wearing surface over Bent 2 - similar condition at other bents

10" Diameter x 1.5" deep void pothole in the Northbound lane of Span 4

Abrasion with Coarse aggregate exposed along deck curbs

Right guardrail endpost at End Bent 1 spalled

Grout Repair at the Left side of End Bent 2

Asphalt patch in the Northbound lane at End Bent 2

Concrete patch cracked and uneven in the Northbound lane of Span 1

Decay and separation in the Left side Wingwall boards at End Bent 1

Rand areas of decay in Bulkhead boards at End Bent 1

Decay in Span 1 side of Pile 2 at Bent 1

Decay in the Left side splice block at Bent 1 - Others similar

Decay in the end of Joist 18 in Span 5 over Bent 4 - Priority maintenance issued

Decay in the end of Joist 18 in Span 5 over Bent 4 - Priority maintenance issued

Random vertical checking throughout all timber piles

Temporary pile repairs throughout structure

Decay in right End of cap at Bent 3

Decay in left End of cap at Bent 5

Temporary repair for Pile 3 at Bent 5

Temporary Repair for Pile 2 at Bent 6

Section loss in the Bottom flange of beam 12 in Span 6 over Bent 5

Decay in right End of cap at Bent 7

2nd Bulkhead board from top at End Bent 2 decayed and missing from the left end to left end of cap

2-1/4" deep vertical check in Pile 2 at End Bent 2

Decay in Span 2 side of Pile 2 at Bent 1 lower crossbrace connection - Pile 1 at Bent 2 similar

Decay in Span 3 side of Pile 2 at Bent 2 lower crossbrace connection

Decay in end of lower crossbrace for Pile 4 at Bent 3 span 4 side

Decay in Bent 3 crownstrip span 4 side at Joist 2

Weight posting

Looking north

Span 1 overview - Other spans similar

Looking south

Structure: 500239 County: JOHNSTON Date: 10/21/2015 Structure Photos

West profile

East profile

End Bent 1 overview

Bent 1 Span 1 side

Superstructure over End of cap at Bent 1 - Other bents similar

Bent 2 Span 2 side

Bent 3 span 4 side

Bent 4 span 4 side

New splice block has been added at the Right side of Bent 4 - Others similar

Bent 5 Span 5 side

Bent 6 Span 6 side

Existing steel beam (beam 12) at the Right side of beam 11

Bent 7 Span 8 side

End Bent 2 overview

Looking west upstream

Looking east downstream

Superstructure overview

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE 500239
(8) STRUCTURE NUMBER(FEDERAL) 000000001010239
(5) INVENTORY ROUTE (ON/UNDER) - ON 31021290
(2) STATE HIGHWAY DEPARTMENT DISTRICT 3
(3) COUNTY CODE 101 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - BUFFALO CREEK
(7) FACILITY CARRIED SR2129
(9) LOCATION 0.3 MI.N.SR1934
(11)MILEPOINT 0
(16)LAT 35° 35' 26.92" (17)LONG 78° 13' 37.75"
(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 8
(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 350
(30) YEAR OF ADT 2013 (109) TRUCK ADT PCT 6%
(19) BYPASS OR DETOUR LENGTH 5 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 17 FT
(49) STRUCTURE LENGTH 137 FT
(50)CURB OR SIDEWALK: LEFT .79165 FT RIGHT .79165 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 24 FT
(52) DECK WIDTH OUT TO OUT 25.333 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 20 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 = 28.2
STATUS = Structurally Deficient

CLASSIFICATION CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Minor Collector 08
(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 7
(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 0
(41) STRUCTURE OPEN, POSTED ,OR CLOSED P
DESCRIPTION - Posted for Load

APPRAISAL CODE

(67) STRUCTURAL EVALUATION 3
(68) DECK GEOMETRY 5
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113)SCOUR CRITICAL BRIDGES 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 700 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 10/21/2015
(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: 04/15/2016

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
JOHNSTON	4	3	500239	137 FEET

ROUTE CARRIED : SR2129

FEATURE INTERSECTED : BUFFALO CREEK

LOCATED : 0.3 MI.N.SR1934

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :	
08	NFA	NFA	350	2013	LT 111	RT 111

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	14 FT	2	FT

SUPERSTRUCTURE : RC FLOOR ON TIMBER JOISTS;STD.BMD-10

SUBSTRUCTURE : EBTS&BTS:TIM.CAP/TIM.PILES@W/CONC.ENC.CCA SPLICED PILES

SPANS : 1@17'5", 6@17', 1@17'5"

BEAMS OR GIRDERS : 19 LINES 6X12 TIMBER JOISTS @ VARIED CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
5R.C./1.5" AWS		25.333 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
24 FT	25.5833 FT	LT	.79165 FT	RT	.79165 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-1	HS-1	Joist17 Sp5 (removedJ18)	SV	12	TTST	21	DATE 04/12/2016

SYSTEM : Secondary S.R. Route

GREEN LINE ROUTE : N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 500239 County JOHNSTON 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	6	Joist 18 span 5 at bent 4 is decayed 5 in wide x 6 in high x 5.5 feet long in the top portion of the joist.	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 500239 County JOHNSTON

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	6 LF

Location:		
Beams and Girders	Bent/Span No. 5	JOIST #18 IN SPAN 5 OVER BENT 4

Priority Level	Status
Priority Maintenance	Division Maintenance Work In Process

Submitted Date:	Submitted By:	Assisted By:
10/21/2015	W.C. MAY	W.T. WILKINSON

Details

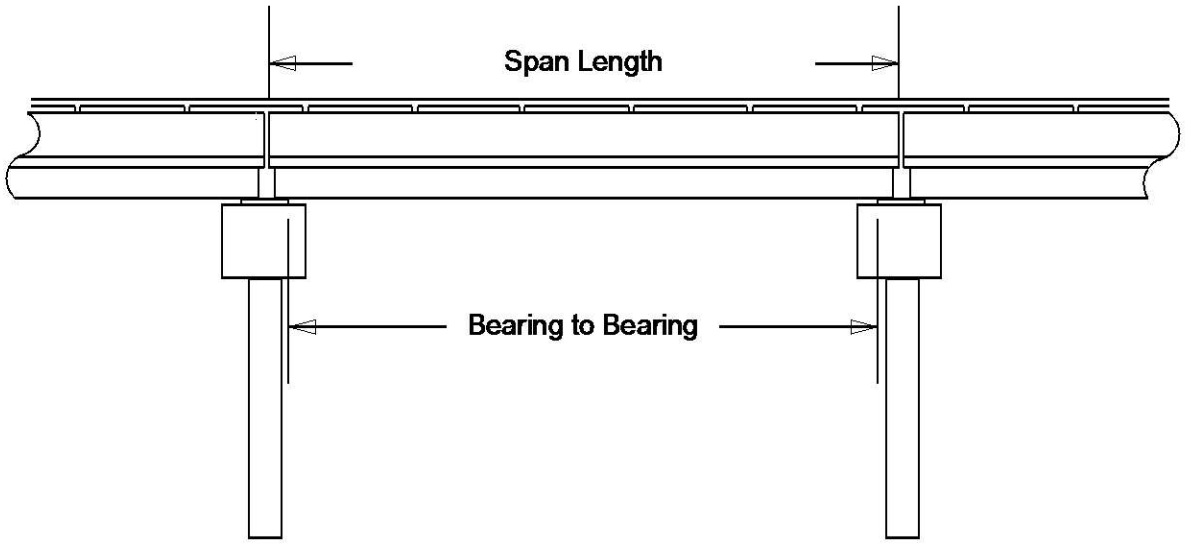
Joist 18 span 5 at bent 4 is decayed 5 in wide x 6 in high x 5.5 feet long in the top portion of the joist.

5.5 FT. DEEP DECAY IN THE END OF JOIST 18 IN SPAN 5 OVER BENT 4

5.5 FT. DEEP DECAY IN THE END OF JOIST 18 IN SPAN 5 OVER BENT 4

Structure Data Worksheet

County: JOHNSTON Structure No: 500239 Date: Inspected By: WCM



Span No	Span Length	Bearing to Bearing	Comments
1	17.4167	16.667	
2	17	17	
3	17	17	
4	17	17	
5	17	17	
6	17	17	
7	17	17	
8	17.4167	16.667	NBIS : 134.5 FT

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 500239 County: JOHNSTON Date: _____ By: WCM

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

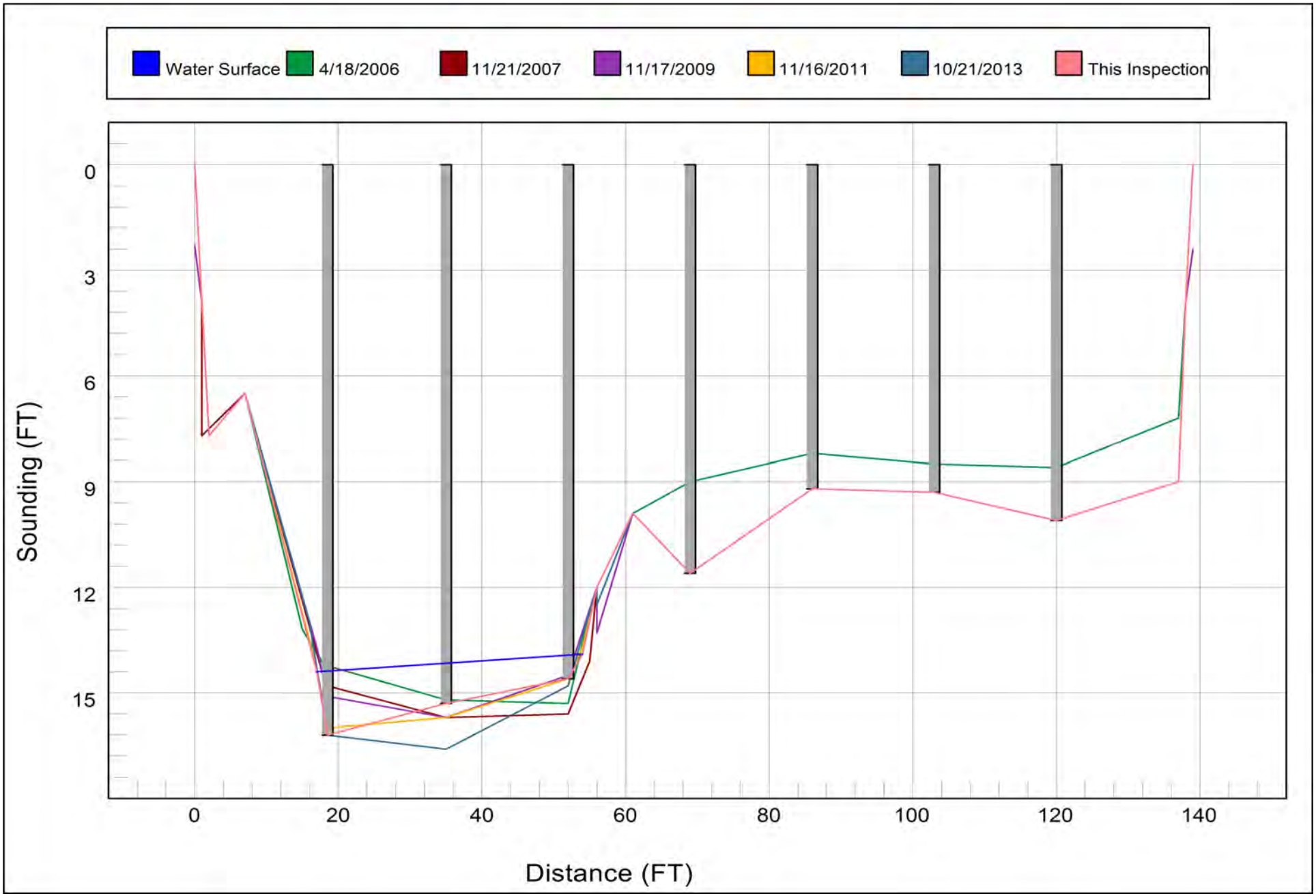
Distance from Highwater Mark to top of rail: _____ Location of Highwater Mark: _____

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0	TOP OF RAIL			
1	3.9	TOP OF CAP	1	7.9	
2	7.7				
7	6.5				
17	14.4	Water Surface/Water Edge (WSWE)			
18.5	16.2	BENT 1	18.5	15.5	BENT 1
35	15.3	BENT 2	35	16.6	BENT 2
52	14.6	BENT 3	52	15	BENT 3
54	13.9	Water Surface/Water Edge (WSWE)			
56	12				
61	9.9				
69	11.6	BENT 4	69	10.6	BENT 4
86	9.2	BENT 5	86	8.5	BENT 5
103	9.3	BENT 6	103	8.5	BENT 6
120	10.1	BENT 7	120	9.6	BENT 7
137	9		137	8.9	
138	3.9	TOP OF CAP			
139	0	TOP OF RAIL			

Bridge: 500239 County JOHNSTON Date:

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

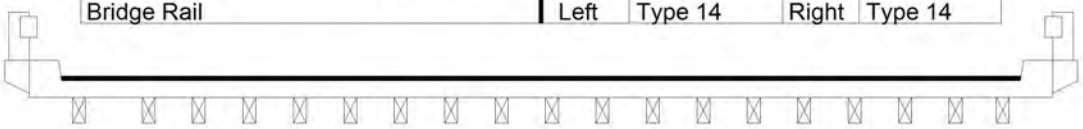
Roadway	20ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

CHECKED BY: WCM 10/21/2015

Title	**Description**		
Approach Roadway	Looking North		
Bridge No: 500239	**Drawn By:** CLS	**Date:** 04/13/2006	**File Name:** S0234000413

Bridge Inspection Field Sketch

Deck Width/Out to Out	25.333ft	Between Rails				25.5833ft
Clear Roadway	24ft	Wearing Surface				0.125ft
Median Width		Median Height				
Curb Height		Left	0.667ft	Right	0.667ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left		Right		
Top of Rail to Deck/Wearing Surface		Left	2.4167ft	Right	2.4167ft	
Bridge Rail		Left	Type 14	Right	Type 14	



Measurements for Span #	1	Spans 3,5, 7 similar	
Deck Thickness	0.4167	Left Overhang	0.459
Top of Rail to Bottom of Beam	3.833	Right Overhang	0.459

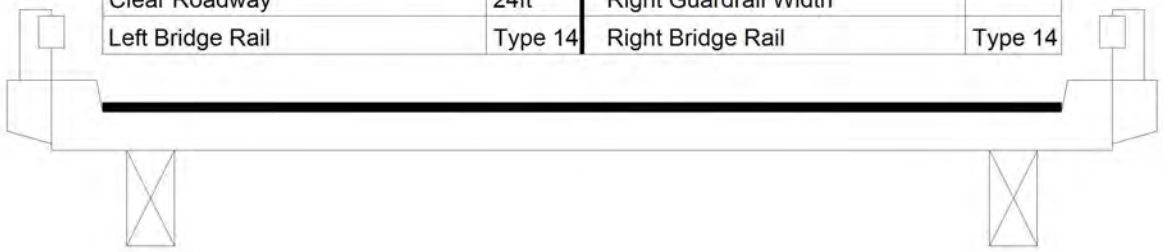
Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.833ft	
2	Timber (Rectangular)	1.333ft	
3	Timber (Rectangular)	1.333ft	
4	Timber (Rectangular)	1.333ft	
5	Timber (Rectangular)	1.333ft	
6	Timber (Rectangular)	1.333ft	
7	Timber (Rectangular)	1.333ft	
8	Timber (Rectangular)	1.333ft	
9	Timber (Rectangular)	1.333ft	
10	Timber (Rectangular)	1.333ft	
11	Timber (Rectangular)	1.333ft	
12	Timber (Rectangular)	1.333ft	
13	Timber (Rectangular)	1.333ft	
14	Timber (Rectangular)	1.333ft	
15	Timber (Rectangular)	1.333ft	
16	Timber (Rectangular)	1.333ft	
17	Timber (Rectangular)	1.333ft	
18	Timber (Rectangular)	1.25ft	
19	Timber (Rectangular)	ft	

Title	**Description**
Typical Section Span 1	Looking North

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
500239	WCM	10/21/2015	S0018014756

Bridge Inspection Field Sketch

Deck Width/Out to Out	25.333ft	Wearing Surface	0.125ft
Between Rails	25.5833ft	Median Width	
Curb Height	0.667ft	Median Height	
Top Rail to Deck/Wearing Surface	2.4167ft	Left Guardrail Width	
Clear Roadway	24ft	Right Guardrail Width	
Left Bridge Rail	Type 14	Right Bridge Rail	Type 14



Measurements for Span #	2	SPANS 4,6,8 SIMILAR	
Deck Thickness	0.4167	Left Overhang	0.459
Top of Rail to Bottom of Beam	3.833	Right Overhang	0.459

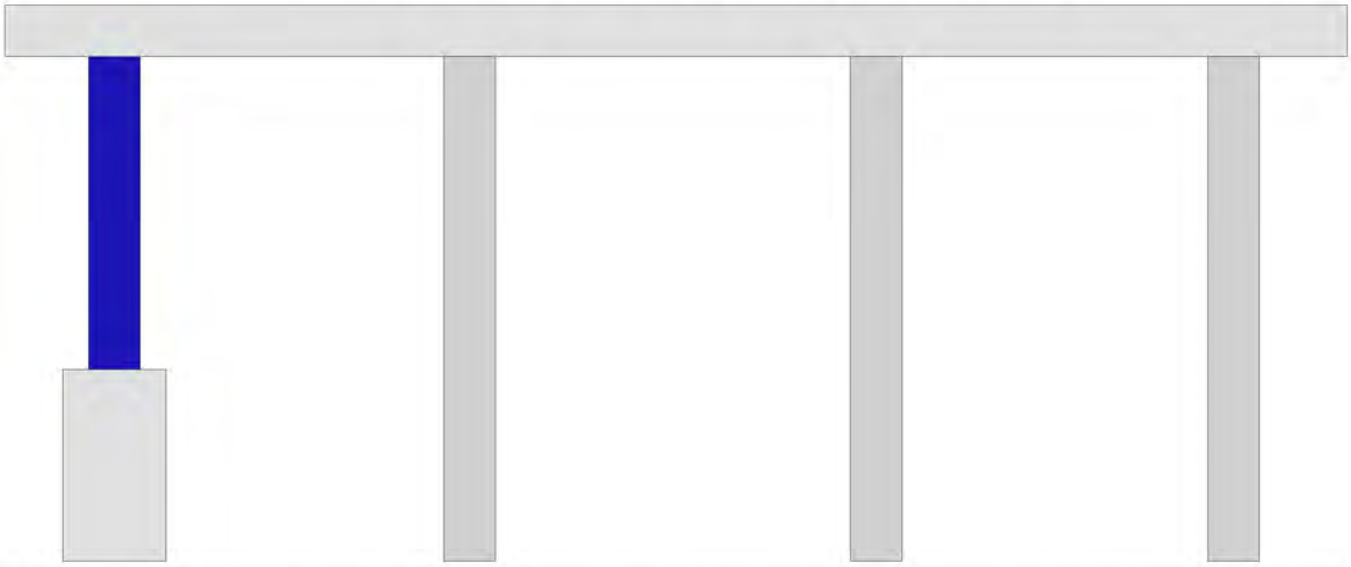
Beam No	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.25ft	Joists 11 1/2 in x 5 7/8 in
2	Timber (Rectangular)	1.333ft	
3	Timber (Rectangular)	1.333ft	
4	Timber (Rectangular)	1.333ft	
5	Timber (Rectangular)	1.333ft	
6	Timber (Rectangular)	1.333ft	
7	Timber (Rectangular)	1.333ft	
8	Timber (Rectangular)	1.333ft	
9	Timber (Rectangular)	1.333ft	
10	Timber (Rectangular)	1.333ft	
11	Timber (Rectangular)	1.333ft	
12	Timber (Rectangular)	1.333ft	
13	Timber (Rectangular)	1.333ft	
14	Timber (Rectangular)	1.333ft	
15	Timber (Rectangular)	1.333ft	
16	Timber (Rectangular)	1.333ft	
17	Timber (Rectangular)	1.333ft	
18	Timber (Rectangular)	1.833ft	
19	Timber (Rectangular)		

CHECKED BY: WCM 10/21/2015

Title	Description
Typical Section Span 2	19 Lines of Timber Joists

Bridge No:	Drawn By:	Date:	File Name:
500239	CLS	04/13/2006	S0234000414

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 ft.

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

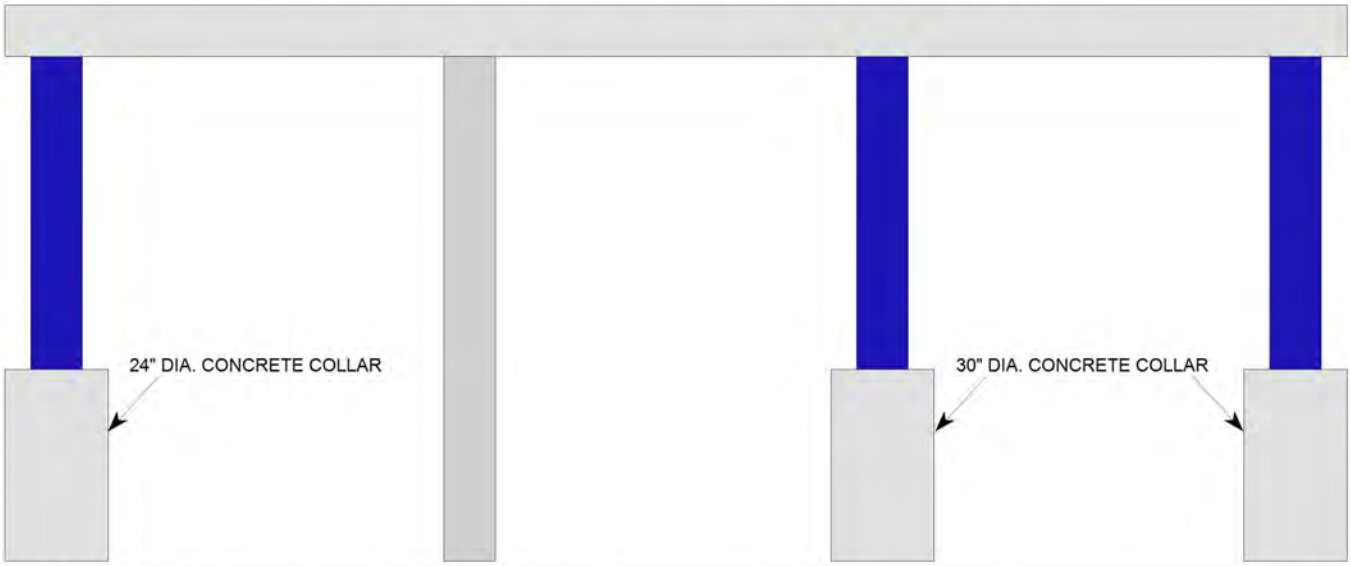
Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
2	Timber	5 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber		1 ft.			Vertical	Yes	No	No	No
Bent/Abutment #: 1			Similar Bents:							

CHECKED BY: WCM 10/21/2015

Title	**Description**		
END BENT 1	END BENT 1		
Bridge No: 500239	**Drawn By:** WTW	**Date:** 11/20/2007	**File Name:** S0234000415

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 ft.	1.000 ft.	1.000 ft.	1 ft.	1 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
2	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
4	Timber		1 ft.			Vertical	Yes	Yes	No	Yes

Bent/Abutment #: 1 Similar Bents:

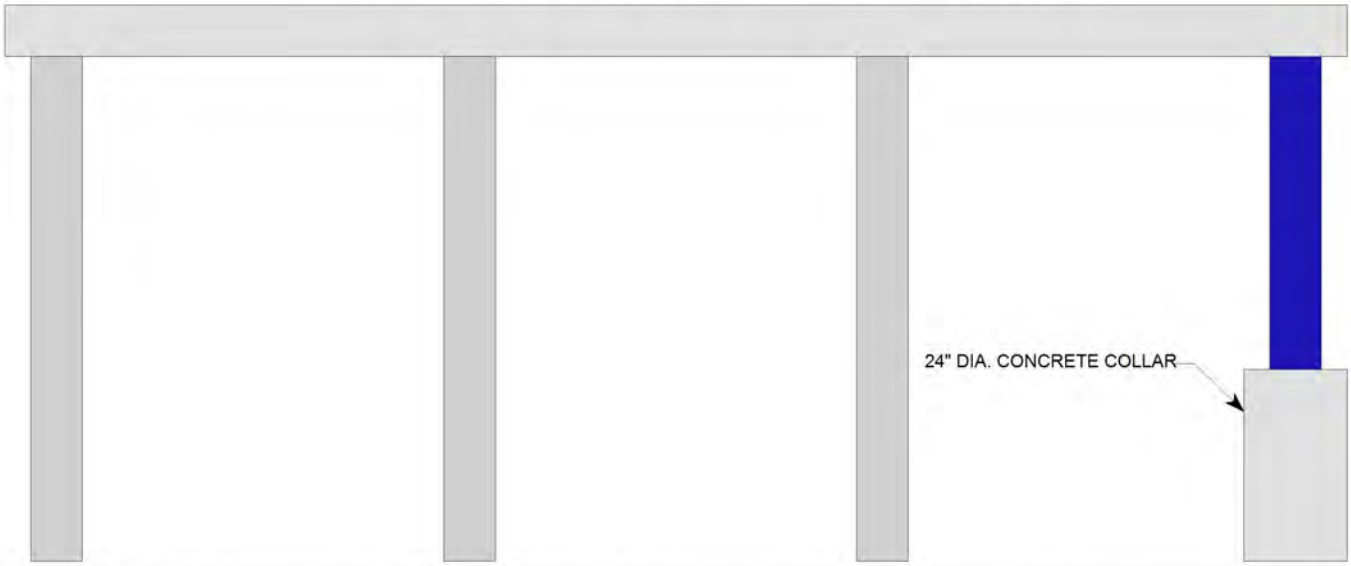
Title
BENT NO.1

CHECKED BY: WCM 10/21/2015

Description
BENT NO.1

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013985

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber		1 ft.			Vertical	Yes	Yes	No	Yes

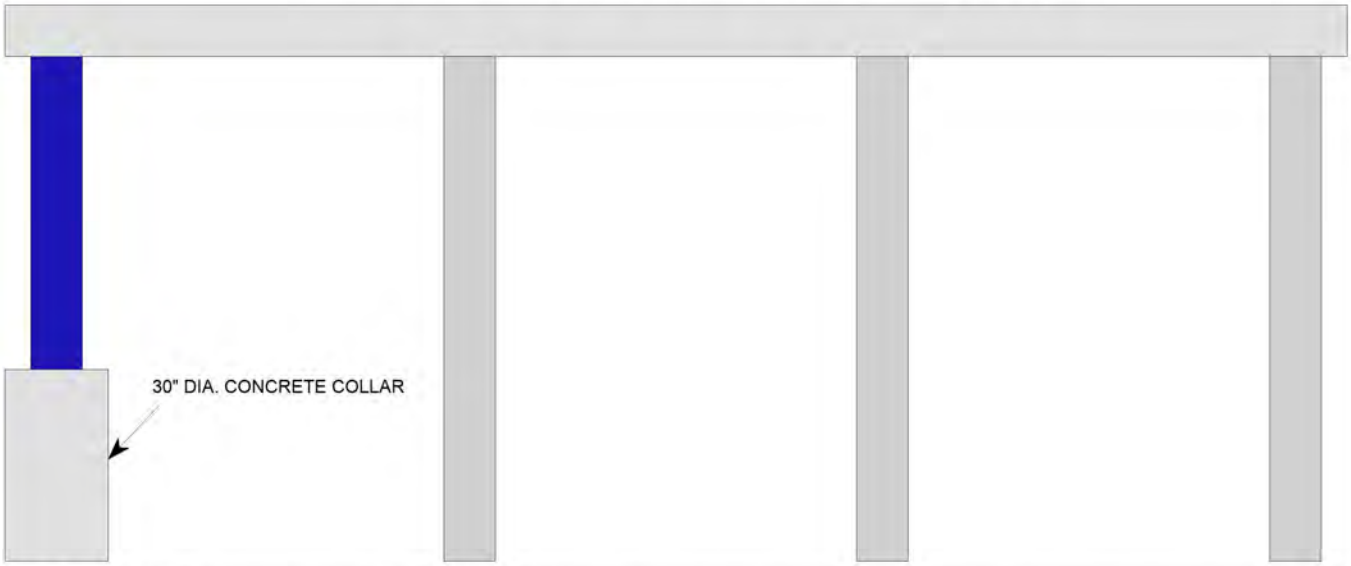
Bent/Abutment #: 2 Similar Bents:

Title
BENT NO.2 CHECKED BY: WCM 10/21/2015

Description
BENT NO.2

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013986

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
2	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber		1 ft.			Vertical	Yes	No	No	No

Bent/Abutment #: 3 Similar Bents:

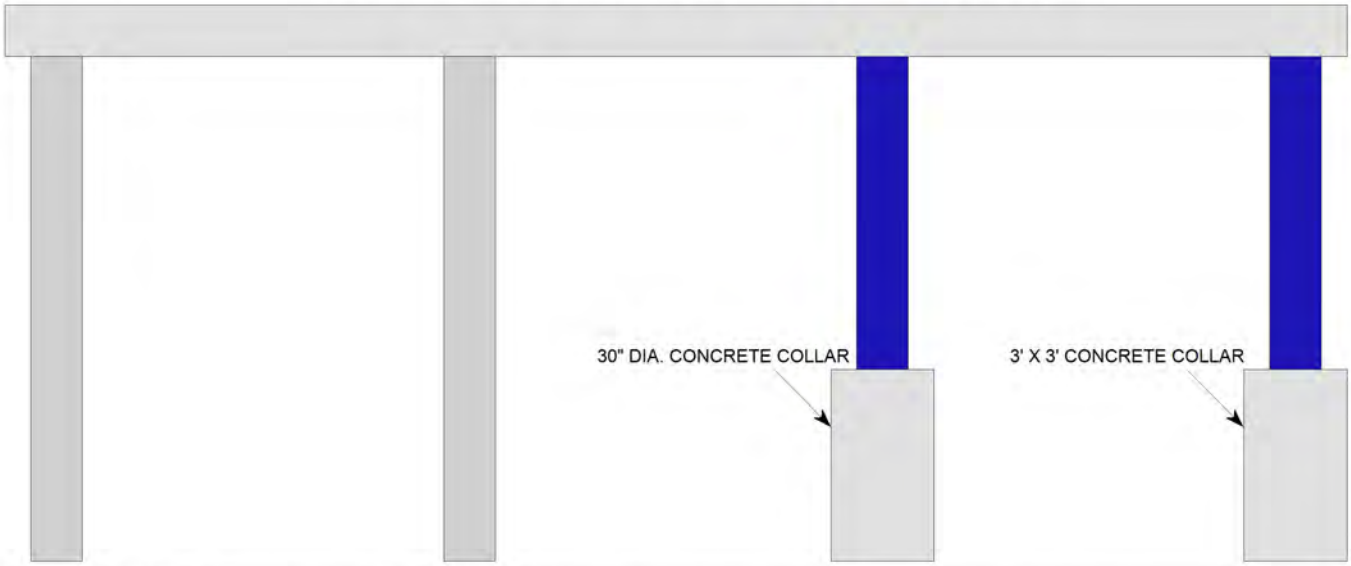
Title
BENT NO.3

CHECKED BY: WCM 10/21/2015

Description
BENT NO.3

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013987

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
4	Timber		1 ft.			Vertical	Yes	Yes	No	Yes

Bent/Abutment #: 4 Similar Bents:

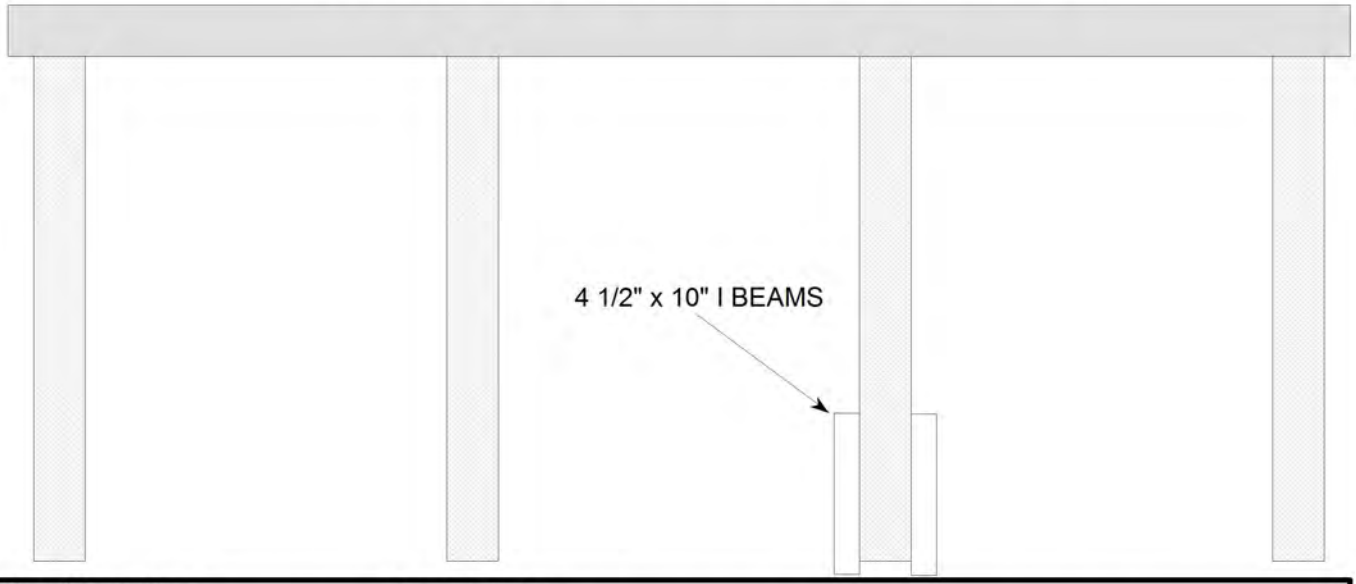
Title
BENT NO.4

CHECKED BY: WCM 10/21/2015

Description
BENT NO.4

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013988

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	No	No	No	No
2	Timber	8 ft.	1 ft.			Vertical	No	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	No	No	No	No
4	Timber		1 ft.			Vertical	No	No	No	No

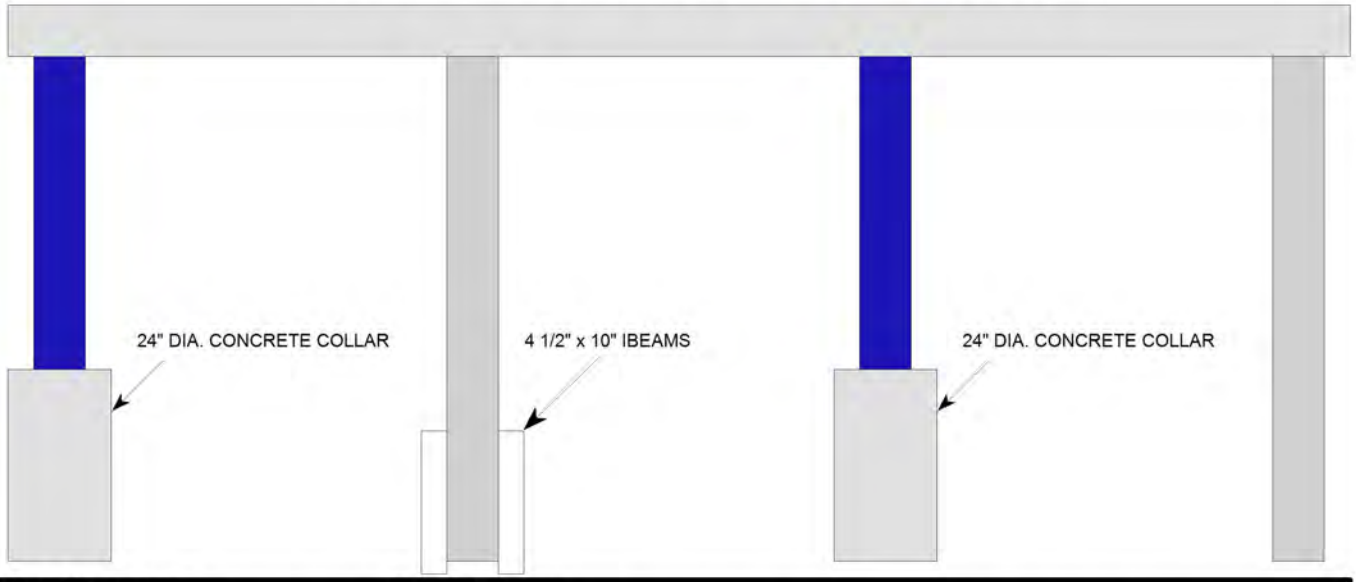
Bent/Abutment #: 5 Similar Bents:

Title
BENT NO.5 CHECKED BY: WCM 10/21/2015

Description
BENT NO.5

Bridge No: 500239 **Drawn By:** WCM **Date:** 11/18/2009 **File Name:** S0014003797

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
2	Timber	8 ft.	1 ft.			Vertical	Yes	No	No	No
3	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
4	Timber		1 ft.			Vertical	Yes	No	No	No

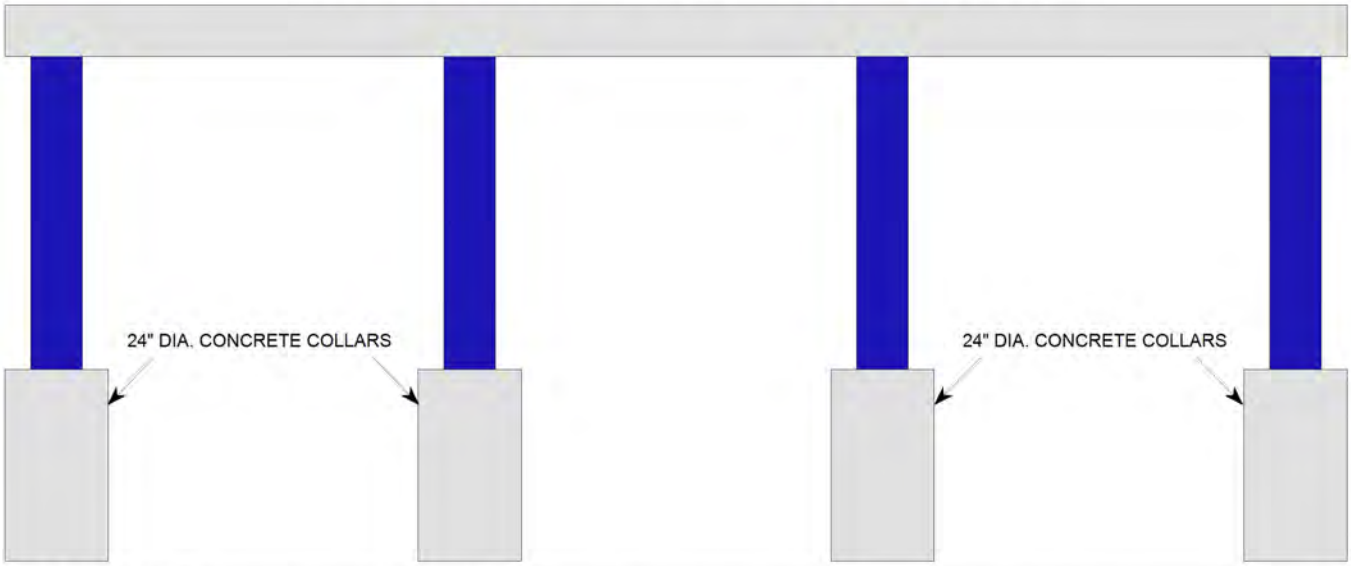
Bent/Abutment #: 6 Similar Bents:

Title
BENT NO.6 CHECKED BY: WCM 10/21/2015

Description
BENT NO.6

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013989

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
2	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
3	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
4	Timber		1 ft.			Vertical	Yes	Yes	No	Yes

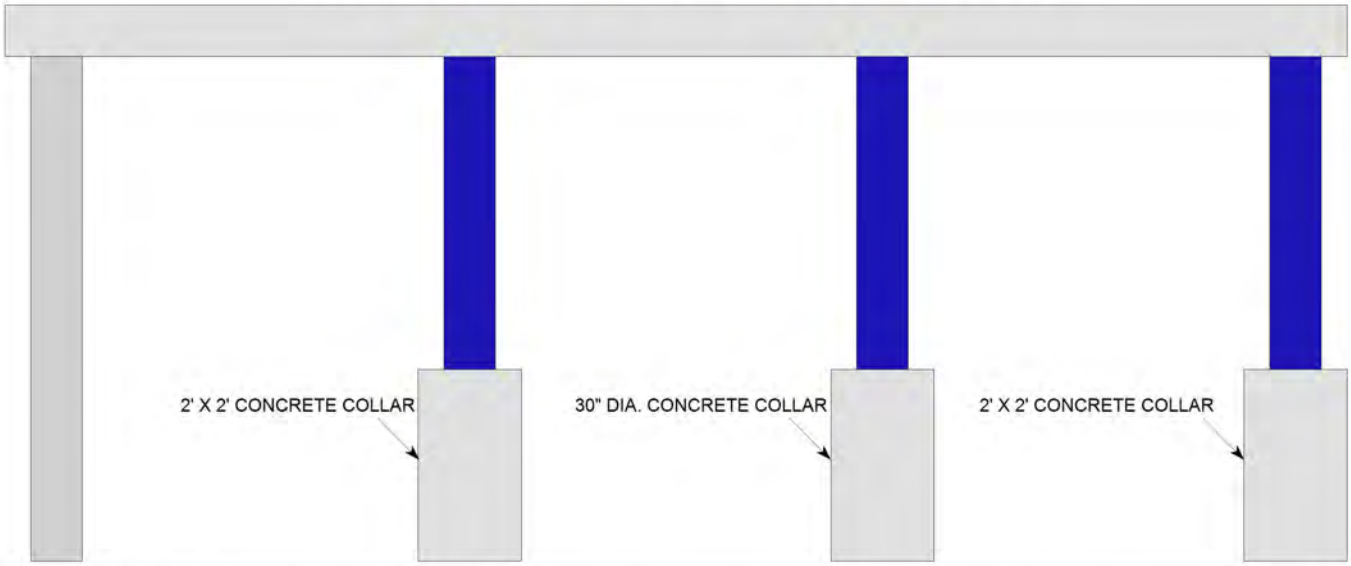
Bent/Abutment #: 7 Similar Bents:

Title
BENT NO.7 CHECKED BY: WCM 10/21/2015

Description
BENT NO.7

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013990

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.	1.000 ft.	1.000 ft.	1.000 ft.	1.000 ft.	.792 ft.	.792 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 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
3	Timber	8 ft.	1 ft.			Vertical	Yes	Yes	No	Yes
4	Timber		1 ft.			Vertical	Yes	Yes	No	Yes

Bent/Abutment #: 2 Similar Bents:

Title
END BENT 2 CHECKED BY: WCM 10/21/2015

Description
END BENT 2

Bridge No: 500239 **Drawn By:** WTW **Date:** 11/21/2007 **File Name:** S0018013991