



NC DEPARTMENT OF TRANSPORTATION

ATTENTION:

DIVISION OF HIGHWAYS

STRUCTURE MANAGEMENT UNIT

Structure Safety Report

4 Year Underwater Element Inspection

COUNTY: COLUMBUS STRUCTURE NUMBER: 230077 FREQUENCY: 48 MONTHS

FACILITY CARRIED: NC214 MILE POST:

LOCATION: 0.8 MI.E.JCT.SR1757

FEATURE INTERSECTED: GREEN SWAMP

LATITUDE: 34° 19' 19.17" LONGITUDE: 78° 28' 3.03"

SUPERSTRUCTURE: REINFORCED CONC.FLOOR ON REINF.CONC.DECK GIRDERS

SUBSTRUCTURE: EBT1&IBTS:RC CAPS/TIM.PILE;EBT2:RC ABUT.

SPANS: 8@24.5'
8@24"6☐ FRACTURE CRITICAL ☒ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

PRESENT CONDITION: Fair

INSPECTION DATE: 03/23/2015

POSTED SV: Not Posted

POSTED TTST: Not Posted

OTHER SIGNS PRESENT:



LOOKING EAST

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

INSPECTED BY
WILLIAM MUELLER

SIGNATURE

Will R. Mueller

ASSISTED BY PATRICK RUTHERFORD

Span Element Report

Structure Number: 230077

Inspection Date: 03/23/2015

Span Number 1

Span Length 24.5 Feet

Number of Beams/Girders: 6

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	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet

Number of Beams/Girders: 6

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	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
228		Timber Pile	8	8	0	0	0	0	3344
229		Other Pile	8	0	0	8	0	11	3348
233		Prestressed Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet

Number of Beams/Girders: 6

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	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
228		Timber Pile	8	8	0	0	0	0	3344
229		Other Pile	8	0	0	8	0	16	3348
234		Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet

Number of Beams/Girders: 6

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	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
229		Other Pile	8	0	0	8	0	8	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet****Number of Beams/Girders: 6**

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	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
229		Other Pile	8	0	0	8	0	8	3348
234		Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet****Number of Beams/Girders: 6**

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
38		Reinforced Concrete Slabs	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
229		Other Pile	8	0	0	8	0	12	3348
234		Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet****Number of Beams/Girders: 6**

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
38		Reinforced Concrete Slabs	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
229		Other Pile	8	0	1	7	0	8	3348
234		Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334
331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	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 24.5 Feet****Number of Beams/Girders: 6**

Element Number	Parent Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code
38		Reinforced Concrete Slabs	882	882	0	0	0	0	3326
110		Reinforced Concrete Open Girder/Bear	150	150	0	0	0	0	3306
215		Reinforced Concrete Abutment	66	26	40	0	0	40	3350
229		Other Pile	8	0	0	8	0	13	3348
234		Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348
316		Other Bearings	12	12	0	0	0	0	3334

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331		Reinforced Concrete Bridge Railing	50	50	0	0	0	0	3318
510		Wearing Surface	0	0	0	0	0	0	2816

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

Superstructure Detailed Element Quantities

Structure Number: 230077

Inspection Date: 03/23/2015

Structure Number: 230077

Inspection Date: 03/23/2015

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	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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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	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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Inspection Date: 03/23/2015

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	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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Inspection Date: 03/23/2015

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	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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Inspection Date: 03/23/2015

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	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 230077

Inspection Date: 03/23/2015

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	38	Reinforced Concrete Slabs	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

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	38	Reinforced Concrete Slabs	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
Protective System		515	Steel Protective Coating	0	0	0	0	0	0	3342	
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Structure Number: 230077

Inspection Date: 03/23/2015

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	38	Reinforced Concrete Slabs	882	882	0	0	0	0	3326	☐ Requested
☐ Bridge Rail	1	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Bridge Rail	2	331	Reinforced Concrete Bridge Railing	25	25	0	0	0	0	3318	☐ Requested
☐ Wearing Surfaces		510	Wearing Surface	0	0	0	0	0	0	2816	☐ Requested
☐ Beam	1	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	2	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	3	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	4	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	5	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Beam	6	110	Reinforced Concrete Open Girder/Beam	25	25	0	0	0	0	3306	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	1	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	2	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	3	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	4	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	5	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested
☐ Bearing Device	6	316	Other Bearings	1	1	0	0	0	0	3334	☐ Requested

Superstructure Element Defect Descriptions

Structure Number: 230077
Span Number

Inspection Date: 03/23/2015

Substructure Detailed Element Quantities

Structure Number: 230077

Inspection Date: 03/23/2015

Bent 1

Element Location	Location Number	Element Number	Element Name	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity	Maint. Quantity	Maint. Code	Priority Maintenance
☐ Caps	1	233	Prestressed Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☐ Caps	1	515	Steel Protective Coating	373	373	0	0	0	0	3342	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ 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	234	Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	3	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	3	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	3	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	3	3348	☐ Requested

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
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ 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	234	Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ 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	234	Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested

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	234	Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	1	0	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ 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	234	Reinforced Concrete Pier Cap	36	36	0	0	0	0	3348	☐ Requested
☒ Piles and Columns	1	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	2	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	3	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	4	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	5	229	Other Pile	1	0	0	1	0	2	3348	☐ Requested
☒ Piles and Columns	6	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	7	229	Other Pile	1	0	0	1	0	1	3348	☐ Requested
☒ Piles and Columns	8	229	Other Pile	1	0	0	1	0	1	3348	☐ 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
☒ Abutments	1	215	Reinforced Concrete Abutment	66	26	40	0	0	40	3350	☐ Requested

Substructure Element Defect Descriptions

Structure Number: 230077

Inspection Date: 03/23/2015

Bent 1

Bent 1	Row 1	Piles and Columns	1
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.
VOID ON EAST FACE 21" VERT. X 6" WIDE X 2.5" DEEP FROM W/L DOWN.

Bent 1	Row 1	Piles and Columns	2
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	3
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	4
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	5
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	6
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	7
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 1	Row 1	Piles and Columns	8
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 2	Row 1	Piles and Columns	1
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 2	Row 1	Piles and Columns	2							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	3							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	4							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	5							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	6							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	7							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 2	Row 1	Piles and Columns	8							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 3	Row 1	Piles and Columns	1							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.										
Bent 3	Row 1	Piles and Columns	2							
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty
Defect Description:										
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS. VERTICAL H/L - 1/8" CRACK ON THE WEST QUADRANT.										
Bent 3	Row 1	Piles and Columns	3							

Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 3	Row 1	Piles and Columns	4
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 3	Row 1	Piles and Columns	5
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 3	Row 1	Piles and Columns	6
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 3	Row 1	Piles and Columns	7
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.
H/L - 1/16" VERTICAL CRACK AND A H/L - 1/32" HORIZONTAL CRACK.

Bent 3	Row 1	Piles and Columns	8
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.
H/L HORIZONTAL CRACKING.

Bent 4	Row 1	Piles and Columns	1
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 4	Row 1	Piles and Columns	2
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 4	Row 1	Piles and Columns	3
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 4	Row 1	Piles and Columns	4
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Element: 229 **Name** Other Pile **Qty:** 1 **Lvl 2:** 0 **Lvl 3** 1 **Lvl 4** 0 **Maint. Qty** 1

Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.

Bent 4	Row 1	Piles and Columns	5
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Defect Description:

Bent 4	Row 1	Piles and Columns	6
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Defect Description:

Bent 4	Row 1	Piles and Columns	7
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Defect Description:

Bent 4	Row 1	Piles and	8
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Defect Description:

Bent 5	Row 1	Piles and Columns	1
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Defect Description:

Bent 5	Row 1	Piles and Columns	2
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Defect Description:

Bent 5	Row 1	Piles and Columns	3
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Defect Description:

Bent 5	Row 1	Piles and Columns	4
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Defect Description:

Bent 5	Row 1	Piles and Columns	5
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Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.
VOID AT W/L ON WEST QUAD. 1' WIDE X 4" VERT. X 3.5" DEEP.

Bent 5	Row 1	Piles and Columns	6								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 5	Row 1	Piles and Columns	7								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 5	Row 1	Piles and Columns	8								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	1								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	2								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	3								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	4								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	5								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	6								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	0	Lvl 3	1	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES. COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.											
Bent 6	Row 1	Piles and Columns	7								
Element: 229	Name	Other Pile	Qty:	1	Lvl 2:	1	Lvl 3	0	Lvl 4	0 Maint. Qty	1
Defect Description:											
PLANS INDICATE CONCRETE ENCASED TIMBER PILES.											

COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 6	Row 1	Piles and Columns	8
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

End Bent 2	Row 1	Abutments	1
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Element: 215 Name Reinforced Concrete Abutment Qty: 66 Lvl 2: 40 Lvl 3: 0 Lvl 4: 0 Maint. Qty 40
 Defect Description:

COARSE AGGREGATE EXPOSED TO 3/8" FROM W/L DOWN, REMAINING 26' NOT IN WATER, NO ABRASION.

Bent 7	Row 1	Piles and Columns	1
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	2
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.
 VOID AT W/L ON WEST QUAD. 1' WIDE X 4" VERT. X 3.5" DEEP.
 VOID 10" VERT. X 6" WIDE X 4" DEEP EXPOSING TIMBER PILE.(PILE IN GOOD CONDITION)

Bent 7	Row 1	Piles and Columns	3
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	4
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	5
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 2
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	6
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	7
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Element: 229 Name Other Pile Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty 1
 Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
 COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

Bent 7	Row 1	Piles and Columns	8
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Structure Number: 230077

Inspection Date: 03/23/2015

Element: 229	Name Other Pile	Qty: 1	Lvl 2: 0	Lvl 3 1	Lvl 4 0	Maint. Qty 1
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Defect Description:

PLANS INDICATE CONCRETE ENCASED TIMBER PILES.
COARSE AGGREGATE EXPOSED TO 1/2" WITH RANDOM POP-OUTS AND VOIDS.

National Bridge and NC Inspection Items

Structure Number: 230077

Inspection Date: 03/23/2015

National Bridge Inventory Items

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

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		0	3376
Drainage System	G, F, P, or C			
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Wingwall	G, F, P, or C		0	3350
Scour	G, F, P, or C	F		
Field Scour Evaluation		P		
Drift	G, F, P, or C	F	0	3366
Fender System	G, F, P, or C		0	3364
Response to Live Load	G, F, P, or C			
Estimated Remaining Life	0 - 100 Years			

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

Inspection Information

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	N
Inspection Time	Hours	7
Traffic Control Time	Hours	N
Snooper Time	Hours	N
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 230077

Inspection Date: 03/23/2015

Item	Drift	Grade	F	Maint Code	3366	Qty.	0
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Details CUT-OFF PILE TO 2' AM/L THROUGHOUT.
NUMEROUS STUMPS AND LOGS.
VEGETATED ISLAND BUILDUPS UP AND DOWNSTREAM OF BENTS 3 AND 4, ALSO BENTS 6 AND 7.

Item	Scour	Grade	F	Maint Code		Qty.	0
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Details PILE EXPOSURE BELOW ENCASEMENTS AT THE FOLLOWING LOCATIONS:
BENT 4, P-7 HAS 1' VERTICAL EXPOSURE OF PILE BELOW ENCASEMENT.
BENT 4, P-8 HAS 0.5' VERTICAL EXPOSURE OF PILE BELOW ENCASEMENT.



COARSE AGGREGATES EXPOSED



BENT 1,P-8 HORIZONTAL CRACK



BENT 1,P-7 VERTICAL CRACK



BENT 1,P-1 STEEL REINFORCING WIRE EXPOSED



BENT 2, P-7



BENT 3, P-7



BENT 3, P-2



LOOKING EAST



SOUTH PROFILE



LOOKING SOUTH



LOOKING NORTH



NORTH PROFILE



LOOKING WEST



END BENT 2



BENT 7 SPAN 8 SIDE

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

Run Date: 07/01/2015

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	230077		SUFFICIENCY RATING =		31.56	
(8) STRUCTURE NUMBER(FEDERAL)		00000000470077		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31002140					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		3					
(3) COUNTY CODE 47	(4) PLACE CODE	0		(112)NBIS BRIDGE SYSTEM -		YES	
(6) FEATURE INTERSECTED - GREEN SWAMP				(104)HIGHWAY SYSTEM	Is not on NHS	0	
(7) FACILITY CARRIED NC214				(26) FUNCTIONAL CLASS -	Major Collector	07	
(9) LOCATION 0.8 MI.E.JCT.SR1757				(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(16)LAT 34° 19' 19.17"	(17)LONG 78° 28' 3.03"			(102)DIRECTION OF TRAFFIC -	2-way Traffic	2	
(98)BORDER BRIDGE STATE CODE	PCT SHARE			(103)TEMPORARY STRUCTURE -	Temporary Structure/Conditions	T	
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK -	On the National Network	1	
				(20) TOLL	On Free Road	3	
				(31) MAINTAIN -	State Highway Agency	01	
				(22) OWNER -	State Highway Agency	01	
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5	
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) STRUCTURE TYPE MAIN: Concrete							
TYPE - Tee Beam		CODE 104					
(44) STRUCTURE TYPE APPR :							
TYPE -		CODE 000					
(45) NUMBER OF SPANS IN MAIN UNIT		8		(58) DECK		5	
(46) NUMBER OF APPROACH SPANS				(59) SUPERSTRUCTURE		5	
(107)DECK STRUCTURE TYPE - 1		CODE		(60) SUBSTRUCTURE		4	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(61) CHANNEL & CHANNEL PROTECTION		5	
(A) TYPE OF WEARING SURFACE -		CODE		(62) CULVERTS		N	
(B) TYPE OF MEMBRANE -		CODE					
(C) TYPE OF DECK PROTECTION -		CODE		LOAD RATING AND POSTING			
				(31) DESIGN LOAD	HS 15	3	
				(63) OPERATING RATING METHOD -	Load Factor	1	
				(64) OPERATING RATING -	HS-1	1	
				(65) INVENTORY RATING METHOD -	Load Factor	1	
				(66) INVENTORY RATING -	HS-1	1	
				(70) BRIDGE POSTING -	No Posting Required	5	
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED		D	
				DESCRIPTION -	Open Temporary Shoring		
AGE AND SERVICE				APPRAISAL			
(27) YEAR BUILT		1922		(67) STRUCTURAL EVALUATION		3	
(106)YEAR RECONSTRUCTED		1950		(68) DECK GEOMETRY		5	
(42) TYPE OF SERVICE : ON - Highway				(69) UNDERCLEARANCES,VERTI & HORIZ		N	
UNDER - Waterway		CODE 15		(71) WATERWAY ADEQUACY		7	
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0		(72) APPROACH ROADWAY ALIGNMENT		8	
(29) AVERAGE DAILY TRAFFIC		2000		(36) TRAFFIC SAFETY FEATURES		0000	
(30) YEAR OF ADT 2013	(109) TRUCK ADT PCT	7%		(113)SCOUR CRITICAL BRIDGES		8	
(19) BYPASS OR DETOUR LENGTH		14 MI		PROPOSED IMPROVEMENTS			
GEOMETRIC DATA				(75) TYPE OF WORK -		CODE	
(48) LENGTH OF MAXIMUM SPAN		24 FT		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(49) STRUCTURE LENGTH		196 FT		(94) BRIDGE IMPROVEMENT COST			
(50)CURB OR SIDEWALK: LEFT 1 FT RIGHT		1 FT		(95) ROADWAY IMPROVEMENT COST			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		33.833 FT		(96) TOTAL PROJECT COST			
(52) DECK WIDTH OUT TO OUT		38 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		21 FT		(114)FUTURE ADT 4000	(115) YEAR FUTURE ADT	2025	
(33) BRIDGE MEDIAN - No Median		CODE 0		INSPECTIONS			
(34) SKEW 0°	(35) STRUCTURE FLARED	0		(90) INSPECTION DATE		05/06/2015	
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		33.833 FT		A) FRACTURE CRIT DETAIL -	NO	A)	
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		B) UNDERWATER INSP -	YES 48Mo	B)	03/23/2015
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad		0 FT		C) OTHER SPECIAL INSP	NO	C)	
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT		SCOUR			
(56) MIN LAT UNDERCLEAR LT REF -		000 FT					
NAVIGATION DATA							
(38) NAVIGATION CONTROL - No Navigational Control		CODE 0					
(111)PIER PROTECTION -		CODE					
(39) NAVIGATION VERTICAL CLEARANCE		0					
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT					
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT					

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 07/01/2015

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :
COLUMBUS	6	3	230077	196 FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
NC214	GREEN SWAMP

LOCATED :	BRIDGE NAME :	CITY :
0.8 MI.E.JCT.SR1757		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
07	FA	NFA	2000 2013	LT 141 RT 141

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1922	SHPWC	326	F1704	HS 15

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :	UNDER
1950	SHPWC	3292	TAN	90	ON 2	0

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT 12 FT		2 FT

SUPERSTRUCTURE :	REINFORCED CONC.FLOOR ON REINF.CONC.DECK GIRDERS
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SUBSTRUCTURE :	EBT1&IBTS:RC CAPS/TIM.PILE;EBT2:RC ABUT.
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SPANS :	8@24'6
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BEAMS OR GIRDERS :	6LNS. REINF.CONC.DECK GIRDERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
7RC/4.5 AWS		38 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
33.833 FT	35.833 FT	LT 1 FT RT 1 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	RCDG Wid	SV		

SYSTEM :	GREEN LINE ROUTE :
Primary N.C. Route	Y

UNDER ROUTES AND CLEARANCES

REMARKS :

Bridge Inspection Field Sketch

NC 214 (SAM POTTS ROAD)



Roadway	21ft Wide	2 Paved Lanes	Looking East
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED BY RLK 5/2/11

MEASUREMENTS VERIFIED BY RLK 5/6/13

Title

APPROACH ROADWAY

Description

LOOKING EAST

Bridge No: 230077

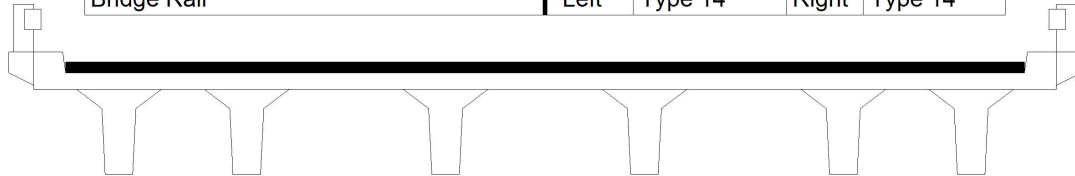
Drawn By: ZEL

Date: 12/27/2007

File Name: S0290000028

Bridge Inspection Field Sketch

Deck Width/Out to Out	36.0ft	Between Rails	35.833ft
Clear Roadway	33.833ft	Wearing Surface	.375ft
Median Width		Median Height	
Curb Height		Left .75ft	Right .75ft
Sidewalk Width		Left	Right
Clear Roadway (Rail to Median)		Left	Right
Guardrail Width		Left 1.0ft	Right 1.0ft
Top of Rail to Deck/Wearing Surface		Left 2.583ft	Right 2.583ft
Bridge Rail		Left Type 14	Right Type 14



Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	.5833	Left Overhang	3.0
Top of Rail to Bottom of Beam	6.0	Right Overhang	3.0

Beam Number	Beam Type	Spacing	Comments
1	RC Deck Girder	4.5ft	GIRDERS 1 AND 6 = 1.25' W BY 1.67' H
2	RC Deck Girder	7.0ft	GIRDERS 2 - 5 = 1.33' W BY 2.67' H
3	RC Deck Girder	7.0ft	
4	RC Deck Girder	7.0ft	
5	RC Deck Girder	4.5ft	
6	RC Deck Girder		

MEASUREMENTS VERIFIED BY RLK 5/2/11

MEASUREMENTS VERIFIED BY RLK 5/6/13

Title

SUPERSTRUCTURE

Description

SIMILAR SECTION

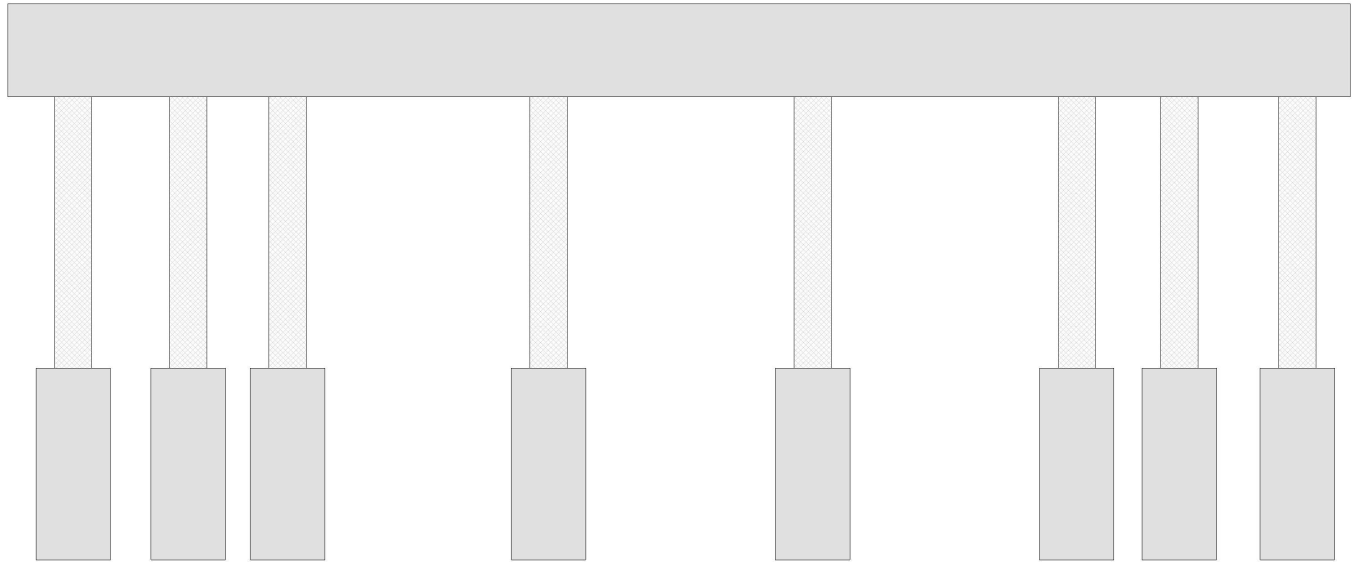
Bridge No: 230077

Drawn By: ZEL

Date: 12/27/2007

File Name: S0290000029

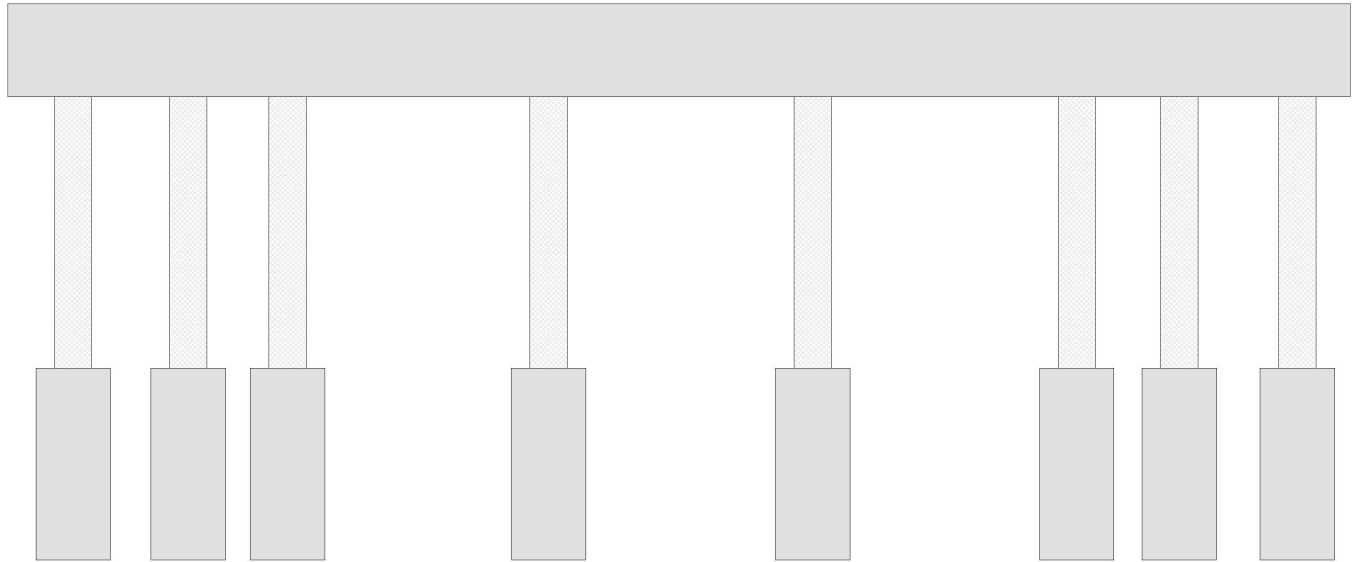
Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
36.0 ft.	2.5 ft.	2.5 ft.	1.75 ft.	1.4167 ft.	3.0 ft.	3.0 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	3.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
2	Timber	2.667 ft.	1.0 ft.			Vertical	No	No	No	Yes
3	Timber	7.0 ft.	1.0 ft.			Vertical	No	No	No	Yes
4	Timber	7.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
5	Timber	7.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
6	Timber	2.75 ft.	1.0 ft.			Vertical	No	No	No	Yes
7	Timber	3.1667 ft.	1.0 ft.			Vertical	No	No	No	Yes
8	Timber		1.0 ft.			Vertical	No	No	No	Yes
PILES VISIBLE ONLY AT PILES 4 THRU 7 AT EBT1, EBT2 COVERED BY SOIL MEASUREMENTS VERIFIED BY RLK 5/2/11 MEASUREMENTS VERIFIED BY RLK 5/6/13 ALL PILES CONCRETE ENCASED M/L										
Bent/Abutment #: 1			Similar Bents:							

Title		Description	
SUBSTRUCTURE		SIMILAR END BENT	
Bridge No: 230077	Drawn By: ZEL	Date: 12/27/2007	File Name: S0290000031

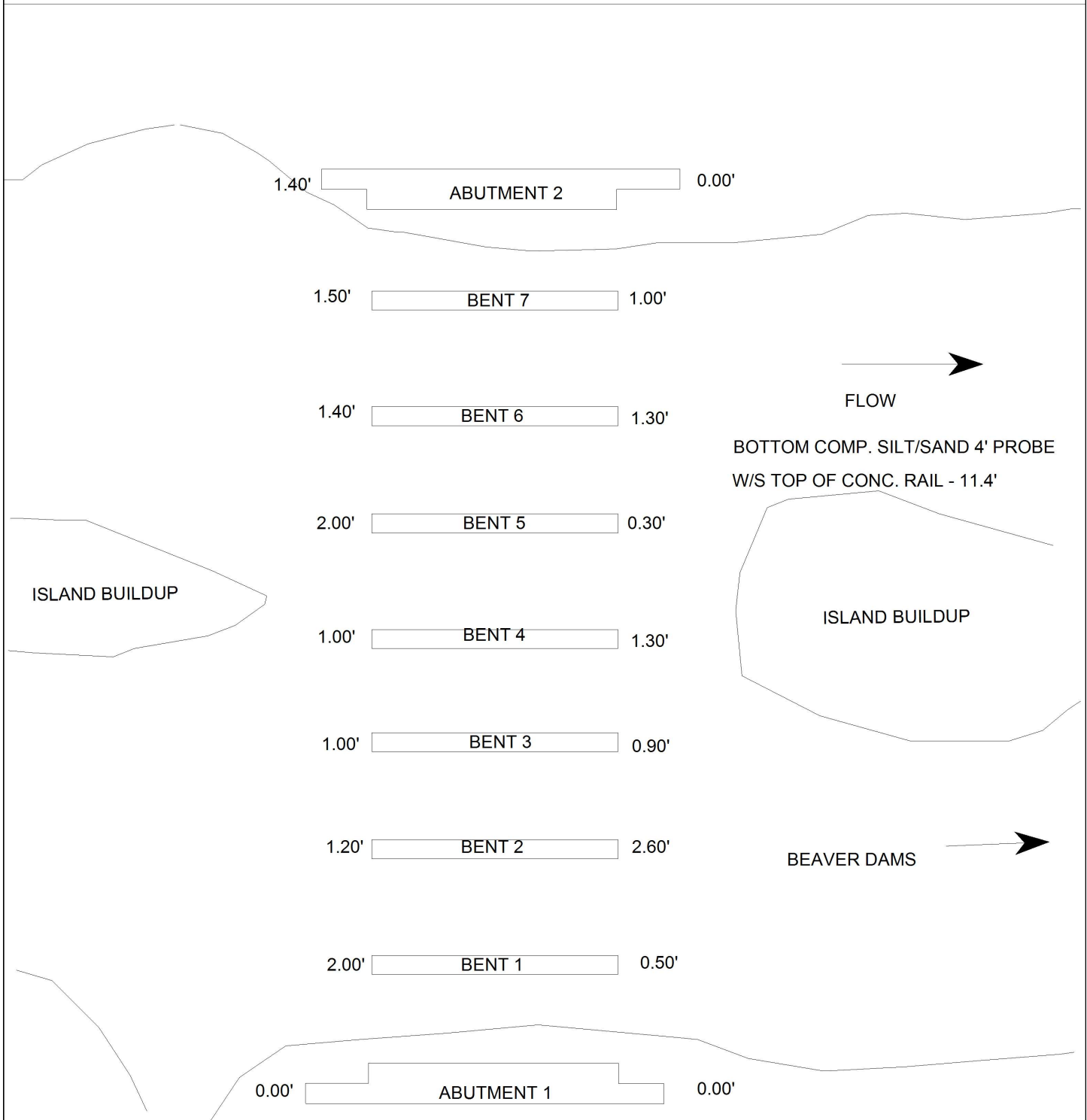
Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
36.0 ft.	2.5 ft.	2.5 ft.	1.75 ft.	1.4167 ft.	3.0 ft.	3.0 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	3.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
2	Timber	2.667 ft.	1.0 ft.			Vertical	No	No	No	Yes
3	Timber	7.0 ft.	1.0 ft.			Vertical	No	No	No	Yes
4	Timber	7.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
5	Timber	7.0833 ft.	1.0 ft.			Vertical	No	No	No	Yes
6	Timber	2.75 ft.	1.0 ft.			Vertical	No	No	No	Yes
7	Timber	3.1667 ft.	1.0 ft.			Vertical	No	No	No	Yes
8	Timber		1.0 ft.			Vertical	No	No	No	Yes
MEASUREMENTS VERIFIED BY RLK 5/2/11						ALL PILES CONCRETE ENCASED FROM M/L TO CAP				
MEASUREMENTS VERIFIED BY RLK 5/6/13										
Bent/Abutment #: 1						Similar Bents:				

Title		Description	
SUBSTRUCTURE 1		SIMILAR INTERIOR BENT	
Bridge No: 230077	Drawn By: ZEL	Date: 12/27/2007	File Name: S0290000032

Bridge Inspection Field Sketch



Title

PLAN VIEW

Description

TOP VIEW

Bridge No: 230077

Drawn By: ZEL

Date: 12/27/2007

File Name: S0178000368