



NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
STRUCTURE MANAGEMENT UNIT

ATTENTION: **STRUCTURE DATA CHANGES**

## Structure Safety Report

### Routine Element Inspection

COUNTY: COLUMBUS STRUCTURE NUMBER: 230077 FREQUENCY: 24 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"6

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

PRESENT CONDITION: Fair INSPECTION DATE: 05/06/2015

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: 4 DELINEATORS



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

LOOKING EAST ( SAM POTTS HIGHWAY )

|                               |                                   |                         |
|-------------------------------|-----------------------------------|-------------------------|
| INSPECTED BY<br>Ray L. Kisner | SIGNATURE<br><i>Ray L. Kisner</i> | ASSISTED BY R. D. Heath |
|-------------------------------|-----------------------------------|-------------------------|

# Span Element Report

Structure Number: 230077

Inspection Date: 05/06/2015

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        |
| 215            |               | Reinforced Concrete Abutment         | 66             | 66               | 0                | 0                | 0                | 0               | 3350        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 676              | 113              | 40               | 0                | 153             | 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        |
| 229            |               | Other Pile                           | 2              | 0                | 0                | 2                | 0                | 2               | 3348        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 695              | 74               | 60               | 0                | 134             | 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        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 670              | 84               | 75               | 0                | 159             | 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        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 695              | 64               | 70               | 0                | 134             | 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            | 867              | 15               | 0                | 0                | 15              | 3326        |

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|     |  |                                      |     |     |    |    |   |     |      |
|-----|--|--------------------------------------|-----|-----|----|----|---|-----|------|
| 110 |  | Reinforced Concrete Open Girder/Bear | 150 | 150 | 0  | 0  | 0 | 0   | 3306 |
| 234 |  | Reinforced Concrete Pier Cap         | 36  | 36  | 0  | 0  | 0 | 0   | 3348 |
| 331 |  | Reinforced Concrete Bridge Railing   | 50  | 50  | 0  | 0  | 0 | 0   | 3318 |
| 510 |  | Wearing Surface                      | 829 | 707 | 62 | 60 | 0 | 122 | 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        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 49               | 1                | 0                | 0                | 1               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 720              | 69               | 40               | 0                | 109             | 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        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 715              | 64               | 50               | 0                | 114             | 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                           | 2              | 0                | 0                | 2                | 0                | 4               | 3348        |
| 234            |               | Reinforced Concrete Pier Cap         | 36             | 36               | 0                | 0                | 0                | 0               | 3348        |
| 331            |               | Reinforced Concrete Bridge Railing   | 50             | 50               | 0                | 0                | 0                | 0               | 3318        |
| 510            |               | Wearing Surface                      | 829            | 730              | 59               | 40               | 0                | 99              | 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: 05/06/2015

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 12             | Reinforced Concrete Deck             | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 676              | 113              | 40               | 0                | 153             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 12             | Reinforced Concrete Deck             | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 695              | 74               | 60               | 0                | 134             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 12             | Reinforced Concrete Deck             | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 670              | 84               | 75               | 0                | 159             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 12             | Reinforced Concrete Deck             | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 695              | 64               | 70               | 0                | 134             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 12             | Reinforced Concrete Deck             | 882            | 867              | 15               | 0                | 0                | 15              | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 707              | 62               | 60               | 0                | 122             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 38             | Reinforced Concrete Slabs            | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 24               | 1                | 0                | 0                | 1               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 720              | 69               | 40               | 0                | 109             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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Inspection Date: 05/06/2015

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 38             | Reinforced Concrete Slabs            | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 715              | 64               | 50               | 0                | 114             | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

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               |
|------------------------------------------------------|-----------------|----------------|--------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck             | 1               | 38             | Reinforced Concrete Slabs            | 882            | 882              | 0                | 0                | 0                | 0               | 3326        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 1               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail      | 2               | 331            | Reinforced Concrete Bridge Railing   | 25             | 25               | 0                | 0                | 0                | 0               | 3318        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces |                 | 510            | Wearing Surface                      | 829            | 730              | 59               | 40               | 0                | 99              | 2816        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 1               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 2               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 3               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 4               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 5               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam             | 6               | 110            | Reinforced Concrete Open Girder/Beam | 25             | 25               | 0                | 0                | 0                | 0               | 3306        | <input type="checkbox"/> Requested |

# Superstructure Element Defect Descriptions

Structure Number: 230077

Inspection Date: 05/06/2015

Span Number 1

| Span 1              | Wearing Surfaces |                 |      | Component Name: |        | Asphalt Wearing Surface |       |    |       |              |     |
|---------------------|------------------|-----------------|------|-----------------|--------|-------------------------|-------|----|-------|--------------|-----|
| Element: 510        | Name             | Wearing Surface | Qty: | 829             | Lvl 2: | 113                     | Lvl 3 | 40 | Lvl 4 | 0 Maint. Qty | 153 |
| Defect Description: |                  |                 |      |                 |        |                         |       |    |       |              |     |

34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER END BENT 1

45 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKING

40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKS UP TO 1/4" WIDE

34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 1

Span Number 2

| Span 2              | Wearing Surfaces |                 | Component Name: |     | Asphalt Wearing Surface |    |       |    |       |              |     |
|---------------------|------------------|-----------------|-----------------|-----|-------------------------|----|-------|----|-------|--------------|-----|
| Element: 510        | Name             | Wearing Surface | Qty:            | 829 | Lvl 2:                  | 74 | Lvl 3 | 60 | Lvl 4 | 0 Maint. Qty | 134 |
| Defect Description: |                  |                 |                 |     |                         |    |       |    |       |              |     |

40 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS

60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE MAP CRACKING

34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 2

Span Number 3

| Span 3              | Wearing Surfaces |                 |      | Component Name: |        | Asphalt Wearing Surface |       |    |       |              |     |
|---------------------|------------------|-----------------|------|-----------------|--------|-------------------------|-------|----|-------|--------------|-----|
| Element: 510        | Name             | Wearing Surface | Qty: | 829             | Lvl 2: | 84                      | Lvl 3 | 75 | Lvl 4 | 0 Maint. Qty | 159 |
| Defect Description: |                  |                 |      |                 |        |                         |       |    |       |              |     |

50 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKING

75 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE MAP CRACKING

34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 3

Span Number 4

|                     |                  |                 |      |                 |        |                         |       |    |       |              |     |
|---------------------|------------------|-----------------|------|-----------------|--------|-------------------------|-------|----|-------|--------------|-----|
| Span 4              | Wearing Surfaces |                 |      | Component Name: |        | Asphalt Wearing Surface |       |    |       |              |     |
| Element: 510        | Name             | Wearing Surface | Qty: | 829             | Lvl 2: | 64                      | Lvl 3 | 70 | Lvl 4 | 0 Maint. Qty | 134 |
| Defect Description: |                  |                 |      |                 |        |                         |       |    |       |              |     |

30 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS

70 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKING 1/4 TO 3/8" WIDE

34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 4

Span Number 5

|                     |      |                          |                 |     |                          |    |       |   |       |   |            |    |
|---------------------|------|--------------------------|-----------------|-----|--------------------------|----|-------|---|-------|---|------------|----|
| Span 5              | Deck | 1                        | Component Name: |     | Reinforced Concrete Deck |    |       |   |       |   |            |    |
| Element: 12         | Name | Reinforced Concrete Deck | Qty:            | 882 | Lvl 2:                   | 15 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 15 |
| Defect Description: |      |                          |                 |     |                          |    |       |   |       |   |            |    |

15 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. LEFT CURB HAS SCALING WITH EXPOSED AGGREGATE

Structure Number: 230077

Inspection Date: 05/06/2015

|        |                  |                 |                         |
|--------|------------------|-----------------|-------------------------|
| Span 5 | Wearing Surfaces | Component Name: | Asphalt Wearing Surface |
|--------|------------------|-----------------|-------------------------|

|              |                      |          |           |           |          |                 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|
| Element: 510 | Name Wearing Surface | Qty: 829 | Lvl 2: 62 | Lvl 3: 60 | Lvl 4: 0 | Maint. Qty: 122 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|

Defect Description:

28 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS  
 60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/4" WIDE CRACKING  
 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 5

Span Number 6

|        |               |                 |                  |
|--------|---------------|-----------------|------------------|
| Span 6 | Bridge Rail 1 | Component Name: | Concrete Railing |
|--------|---------------|-----------------|------------------|

|              |                                    |         |          |          |          |               |
|--------------|------------------------------------|---------|----------|----------|----------|---------------|
| Element: 331 | Name Reinforced Concrete Bridge Ra | Qty: 25 | Lvl 2: 1 | Lvl 3: 0 | Lvl 4: 0 | Maint. Qty: 1 |
|--------------|------------------------------------|---------|----------|----------|----------|---------------|

Defect Description:

1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. LEFT RAIL POST 2 SPALL 8" HIGH X 3" WIDE X 1/2" DEEP

|        |                  |                 |                         |
|--------|------------------|-----------------|-------------------------|
| Span 6 | Wearing Surfaces | Component Name: | Asphalt Wearing Surface |
|--------|------------------|-----------------|-------------------------|

|              |                      |          |           |           |          |                 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|
| Element: 510 | Name Wearing Surface | Qty: 829 | Lvl 2: 69 | Lvl 3: 40 | Lvl 4: 0 | Maint. Qty: 109 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|

Defect Description:

35 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS  
 40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKS UP TO 1/8" WIDE  
 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER BENT 6

Span Number 7

|        |                  |                 |                         |
|--------|------------------|-----------------|-------------------------|
| Span 7 | Wearing Surfaces | Component Name: | Asphalt Wearing Surface |
|--------|------------------|-----------------|-------------------------|

|              |                      |          |           |           |          |                 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|
| Element: 510 | Name Wearing Surface | Qty: 829 | Lvl 2: 64 | Lvl 3: 50 | Lvl 4: 0 | Maint. Qty: 114 |
|--------------|----------------------|----------|-----------|-----------|----------|-----------------|

Defect Description:

30 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS  
 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACK OVER BENT 7  
 50 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE CRACKING

Span Number 8

|        |                  |                 |                         |
|--------|------------------|-----------------|-------------------------|
| Span 8 | Wearing Surfaces | Component Name: | Asphalt Wearing Surface |
|--------|------------------|-----------------|-------------------------|

|              |                      |          |           |           |          |                |
|--------------|----------------------|----------|-----------|-----------|----------|----------------|
| Element: 510 | Name Wearing Surface | Qty: 829 | Lvl 2: 59 | Lvl 3: 40 | Lvl 4: 0 | Maint. Qty: 99 |
|--------------|----------------------|----------|-----------|-----------|----------|----------------|

Defect Description:

40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE CRACKS  
 25 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED CRACKS  
 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces): Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole. SEALED TRANSVERSE CRACK OVER END BENT 2

# Substructure Detailed Element Quantities

Structure Number: 230077

Inspection Date: 05/06/2015

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               |
|-----------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Abutments | 1               | 215            | Reinforced Concrete Abutment | 66             | 66               | 0                | 0                | 0                | 0               | 3350        | <input type="checkbox"/> 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               |
|--------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps   | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Piles and Columns | 3               | 229            | Other Pile                   | 1              | 0                | 0                | 1                | 0                | 1               | 3348        | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Piles and Columns | 8               | 229            | Other Pile                   | 1              | 0                | 0                | 1                | 0                | 1               | 3348        | <input type="checkbox"/> 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               |
|------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> 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               |
|------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> 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               |
|------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> 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               |
|------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> Requested |

Structure Number: 230077

Inspection Date: 05/06/2015

## 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               |
|------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> 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               |
|--------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Caps   | 1               | 234            | Reinforced Concrete Pier Cap | 36             | 36               | 0                | 0                | 0                | 0               | 3348        | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Piles and Columns | 2               | 229            | Other Pile                   | 1              | 0                | 0                | 1                | 0                | 2               | 3348        | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Piles and Columns | 5               | 229            | Other Pile                   | 1              | 0                | 0                | 1                | 0                | 2               | 3348        | <input type="checkbox"/> 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               |
|-----------------------------------------------|-----------------|----------------|------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Abutments | 1               | 215            | Reinforced Concrete Abutment | 66             | 26               | 40               | 0                | 0                | 40              | 3350        | <input type="checkbox"/> Requested |

# Substructure Element Defect Descriptions

Structure Number: 230077

Inspection Date: 05/06/2015

## Bent 1

| Bent 1 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 1 | 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.  
PILE 3 ENCASEMENT IS SPALLED 8" DIAMETER X 1" DEEP WITH 6" EXPOSED REBAR (PHOTO # 7302 )

| Bent 1 | 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.  
PILE 8 AT BENT 1 ENCASEMENT CRACKED

| Bent 2 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 3 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 4 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 5 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 6 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 7 | Row 1 | Caps | 1 |
|--------|-------|------|---|
|--------|-------|------|---|

Element: 234 Name Reinforced Concrete Pier Cap Qty: 36 Lvl 2: 0 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 0

Defect Description:

ALL BENT PILES ARE ENCASED IN CONCRETE, NOT VISIBLE

| Bent 7 | Row 1 | Piles and Columns | 2 |
|--------|-------|-------------------|---|
|--------|-------|-------------------|---|

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" VERTICAL. X 3.5" DEEP.  
VOID 10" VERTICAL. X 6" WIDE X 4" DEEP EXPOSING TIMBER PILE.( PILE IN GOOD CONDITION)

## PILE 2 AT BENT 7 SPAN 8 FACE SPALL 4" DIAMETER X 2" DEEP IN ENCASEMENT ( PHOTO # 7339 )

| Bent 7 | Row 1 | Piles and Columns | 5 |
|--------|-------|-------------------|---|
|--------|-------|-------------------|---|

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.

## PILE 5 AT BENT 7 ENCASEMENT SCALING WITH EXPOSED AGGREGATE, ALL PILES ARE SIMILAR (PHOTO # 7341 )

| End Bent 2 | Row 1 | Abutments | 1 |
|------------|-------|-----------|---|
|------------|-------|-----------|---|

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.

ABUTMENT 2 HAS SPALL 8" WIDE X 5" HIGH X 3/4" DEEP UNDER GIRDER 5 ( PHOTO # 7337 )

ABUTMENT 2 HAS 4- HAIRLINE VERTICAL CRACKS IN BAY 3 AND UNDER GIRDER 4 AT 2' SPACING (PHOTO # 7338 )

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

BRIDGE:

77

COUNTY:

Columbus

DATE:

4-6-11

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 :

S I &amp; A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION

CODEBY

T

TSE

S I &amp; A ITEM 59 - SUPERSTRUCTURE

S I &amp; A ITEM 60 - SUBSTRUCTURE

S I &amp; A ITEM 64 OPERATING RATING

HS

BY:

S I &amp; A ITEM 66 - INVENTORY RATING

HS

BY:

COMMENTS

Piles Encased with Concrete - Temp Repairs 4/2/11

Not Temp - TMS 08/15/15

# National Bridge and NC Inspection Items

Structure Number: 230077

Inspection Date: 05/06/2015

## 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   | 5     |
| Item 62: Culvert                        | 0 - 9 , N   | N     |
| Item 71: Waterway Adequacy              | 0 - 9 , N   | 7     |
| Item 72: Approach Roadway Alignment     | 0 - 9 , N   | 8     |

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

## NC SMU Inspection Items

| Item                     | Grade Scale   | Grade | Maint. Qty. | Maint. Code |
|--------------------------|---------------|-------|-------------|-------------|
| Deck Debris              | G, F, P, or C | G     | 0           | 3376        |
| Drainage System          | G, F, P, or C | G     | 0           | 3332        |
| Utilities                | G, F, P, or C |       |             |             |
| Slope Protection         | G, F, P, or C |       | 0           | 3352        |
| Wingwall                 | G, F, P, or C | G     | 0           | 3350        |
| Scour                    | G, F, P, or C | G     |             |             |
| Field Scour Evaluation   |               | O     |             |             |
| Drift                    | G, F, P, or C | P     | 200         | 3366        |
| Fender System            | G, F, P, or C |       | 0           | 3364        |
| Response to Live Load    | G, F, P, or C | G     |             |             |
| Estimated Remaining Life | 0 - 100 Years | 13    |             |             |

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       | 8     |
| Traffic Control Time                   | Hours       |       |
| Snooper Time                           | Hours       |       |
| Ladder Used                            | YES/NO      | N     |
| Bucket Truck Used                      | YES/NO      | N     |
| Boat Used                              | YES/NO      | N     |
| Other Equipment Used                   | YES/NO      | Y     |

# National Bridge and NC SMU Inspection Item Details

Structure Number: 230077

Inspection Date: 05/06/2015

|      |                        |       |   |            |      |   |
|------|------------------------|-------|---|------------|------|---|
| Item | Substructure - Item 60 | Grade | 5 | Maint Code | Qty. | 0 |
|------|------------------------|-------|---|------------|------|---|

Details ALL TIMBER PILES AT INTERIOR BENTS ARE FULLY ENCASED IN CONCRETE ( PHOTO # 7300 )

|      |                                          |       |   |            |      |   |
|------|------------------------------------------|-------|---|------------|------|---|
| Item | Channel and Channel Protection - Item 61 | Grade | 5 | Maint Code | Qty. | 0 |
|------|------------------------------------------|-------|---|------------|------|---|

Details VEGETATION ALONG SOUTH SIDE FROM BENTS 3, 4, AND 5 (PHOTO # 7307 )

|      |                                      |       |   |            |      |   |
|------|--------------------------------------|-------|---|------------|------|---|
| Item | Approach Roadway Alignment - Item 72 | Grade | 8 | Maint Code | Qty. | 0 |
|------|--------------------------------------|-------|---|------------|------|---|

Details WEST APPROACH ASPHALT WEARING SURFACE IS SETTLED 8" AT SOUTHWEST CORNER ( PHOTO # 7293 ) 9 SQ. FT. MAINTENANCE  
WEST APPROACH ASPHALT WEARING SURFACE IS SETTLED 8" IN NORTHWEST CORNER (PHOTO # 7294 ) 9 SQ. FT. MAINTENANCE  
EAST APPROACH SETTLED 6" AT NORTHEAST CORNER ( PHOTO # 7334 ) 9 SQ. FT. MAINTENANCE  
EAST APPROACH ASPHALT WEARING SURFACE IS SETTLED 1" IN THE EAST BOUND LANE (PHOTO # 7336 ) 10 SQ. FT. MAINTENANCE

|      |                      |       |   |            |      |   |
|------|----------------------|-------|---|------------|------|---|
| Item | Other Equipment Used | Grade | Y | Maint Code | Qty. | 0 |
|------|----------------------|-------|---|------------|------|---|

Details BOOTS

|      |       |       |   |            |      |      |     |
|------|-------|-------|---|------------|------|------|-----|
| Item | Drift | Grade | P | Maint Code | 3366 | Qty. | 200 |
|------|-------|-------|---|------------|------|------|-----|

Details VEGETATION ALONG SOUTH SIDE FROM BENTS 3, 4, AND 5 (PHOTO # 7307 )



WEST APPROACH ASPHALT WEARING SURFACE IS SETTLED 8" AT SOUTHWEST CORNER ( PHOTO # 7293 )  
9 SQ. FT. MAINTENANCE



WEST APPROACH ASPHALT WEARING SURFACE IS SETTLED 8" IN NORTHWEST CORNER ( PHOTO # 7294 ) 9  
SQ. FT. MAINTENANCE



ALL TIMBER PILES AT INTERIOR BENTS ARE FULLY ENCASED IN CONCRETE ( PHOTO # 7300 )



PILE 8 AT BENT 1 ENCASEMENT CRACKED



PILE 3 ENCASEMENT IS SPALLED 8" DIAMETER X 1" DEEP WITH 6" EXPOSED REBAR (PHOTO # 7302 )



VEGETATION ALONG SOUTH SIDE FROM BENTS 3, 4, AND 5 (PHOTO # 7307 )



Span 1 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER END BENT 1



Span 1 Wearing Surface: 45 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKING



Span 1 Wearing Surface: 40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKS UP TO 1/4" WIDE



Span 1 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER BENT 1



Span 2 Wearing Surface: 40 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKS



Span 2 Wearing Surface: 60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE MAP CRACKING



Span 2 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER BENT 2



Span 3 Wearing Surface: 50 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKING



Span 3 Wearing Surface: 75 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE MAP CRACKING



Span 3 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER BENT 3



Span 4 Wearing Surface: 30 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKS



Span 4 Wearing Surface: 70 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKING 1/4 TO 3/8" WIDE



Span 4 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER BENT 4



Span 5 Wearing Surface: 28 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKS



Span 5 Wearing Surface: 60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/4" WIDE CRACKING



Span 5 Deck: 15 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. LEFT CURB HAS SCALING WITH EXPOSED AGGREGATE



Span 5 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER BENT 5



Span 6 Wearing Surface: 35 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED CRACKS



Span 6 Wearing Surface: 40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. CRACKS UP TO 1/8" WIDE



Span 6 Left Bridge Rail: 1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched area that is sound. LEFT RAIL POST 2 SPALL 8" HIGH X 3" WIDE X 1/2" DEEP



Span 7 Wearing Surface: 50 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE CRACKING



Span 8 Wearing Surface: 40 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. 1/8" WIDE CRACKS



Span 8 Wearing Surface: 34 Square Feet of Delamination/Spall/Patched Area/Pothole (Wearing Surfaces):  
Delaminated. Spall less than 1 in. deep or less than 6 in. diameter. Patched area that is sound. Partial depth pothole.  
SEALED TRANSVERSE CRACK OVER END BENT 2



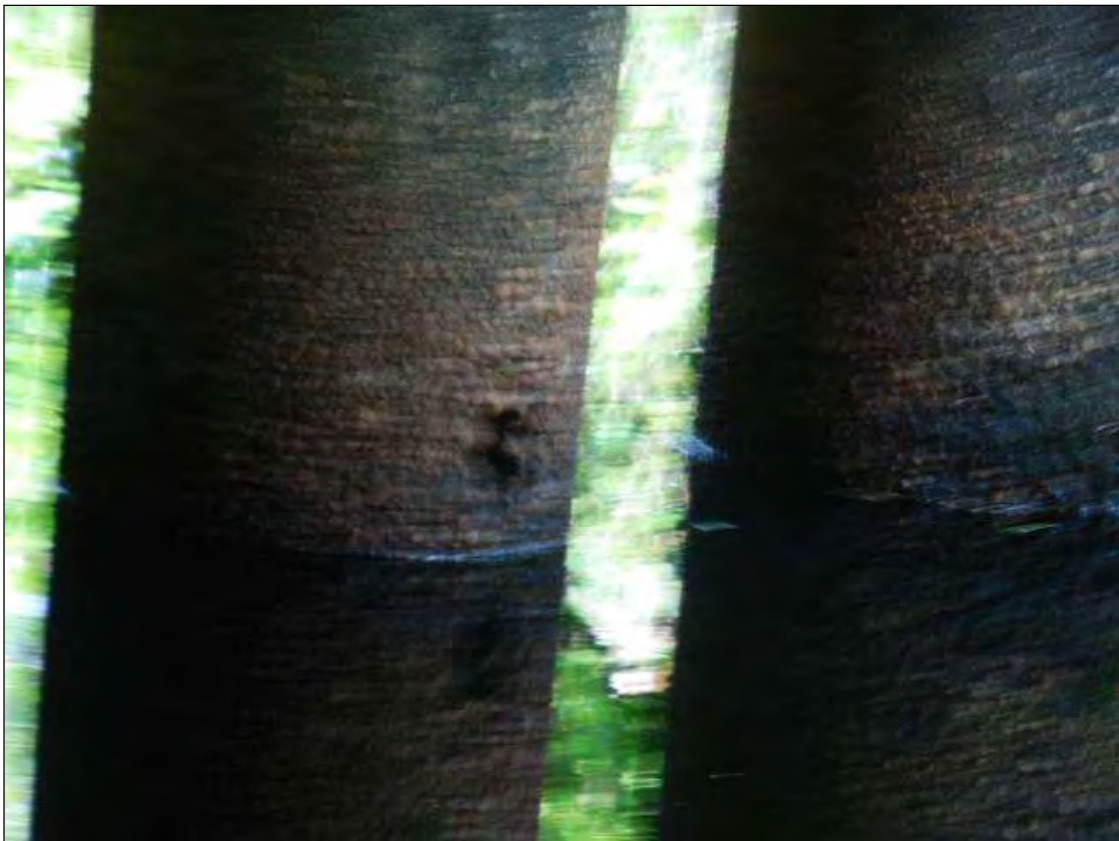
EAST APPROACH SETTLED 6" AT NORTHEAST CORNER ( PHOTO # 7334 ) 9 SQ. FT. MAINTENANCE



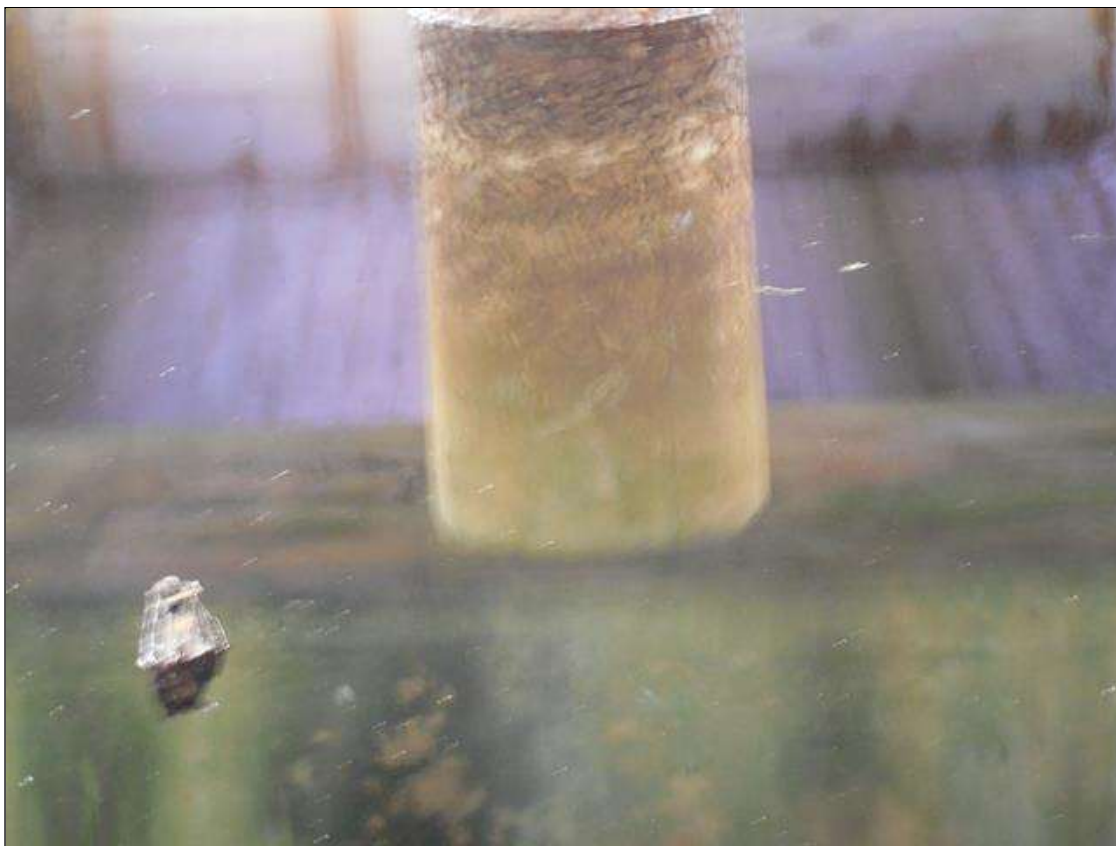
EAST APPROACH ASPHALT WEARING SURFACE IS SETTLED 1" IN THE EAST BOUND LANE (PHOTO # 7336 )  
10 SQ. FT. MAINTENANCE



ABUTMENT 2 HAS SPALL 8" WIDE X 5" HIGH X 3/4" DEEP UNDER GIRDER 5 ( PHOTO # 7337 )



PILE 2 AT BENT 7 SPAN 8 FACE SPALL 4" DIAMETER X 2" DEEP IN ENCASEMENT ( PHOTO # 7339 )



PILE 5 AT BENT 7 ENCASEMENT SCALING WITH EXPOSED AGGREGATE, ALL PILES ARE SIMILAR (PHOTO # 7341 )



LOOKING EAST ( SAM POTTS HIGHWAY )



NORTH PROFILE



SOUTH PROFILE



BENT 1



SOUTH END OF BENT 1 CAP



END BENT 1



BENT 2



SUPERSTRUCTURE



UPSTREAM NORTH



DOWNSTREAM SOUTH



UPSTREAM NORTH



DOWNSTREAM SOUTH



DATA PLATE IN LEFT RAIL END POST AT NORTHEAST CORNER



LOOKING WEST



ABUTMENT 2 HAS 4- HAIRLINE VERTICAL CRACKS IN BAY 3 AND UNDER GIRDER 4 AT 2' SPACING (PHOTO # 7338 )

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

Run Date: 10/06/2015

| IDENTIFICATION                                           |           |                |  |                                                                |               |               |            |
|----------------------------------------------------------|-----------|----------------|--|----------------------------------------------------------------|---------------|---------------|------------|
| (1) STATE NAME -NORTH CAROLINA                           | BRIDGE    | 230077         |  | SUFFICIENCY RATING =                                           |               | 81.77         |            |
| (8) STRUCTURE NUMBER(FEDERAL)                            |           | 00000000470077 |  | STATUS =                                                       | Not Deficient |               |            |
| (5) INVENTORY ROUTE (ON/UNDER) - ON                      |           | 31002140       |  |                                                                |               |               |            |
| (2) STATE HIGHWAY DEPARTMENT DISTRICT                    |           | 3              |  | CLASSIFICATION                                                 |               | CODE          |            |
| (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 - Not on the National Network |               | 0             |            |
| STRUCTURE TYPE AND MATERIAL                              |           |                |  | (20) TOLL On Free Road                                         |               | 3             |            |
| (43) STRUCTURE TYPE MAIN: Concrete                       |           |                |  | (31) MAINTAIN - State Highway Agency                           |               | 01            |            |
| TYPE - Tee Beam                                          | CODE      | 104            |  | (22) OWNER - State Highway Agency                              |               | 01            |            |
| (44) STRUCTURE TYPE APPR :                               |           |                |  | (37) HISTORICAL SIGNIFICANCE - Not Eligible                    |               | 5             |            |
| TYPE -                                                   | CODE      | 000            |  | CONDITION                                                      |               | CODE          |            |
| (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                                              |               | 5             |            |
| (108)WEARING SURFACE / PROTECTIVE SYSTEM :               |           |                |  | (61) CHANNEL & CHANNEL PROTECTION                              |               | 5             |            |
| (A) TYPE OF WEARING SURFACE -                            | CODE      |                |  | (62) CULVERTS                                                  |               | N             |            |
| (B) TYPE OF MEMBRANE -                                   | CODE      |                |  | LOAD RATING AND POSTING                                        |               | CODE          |            |
| (C) TYPE OF DECK PROTECTION -                            | CODE      |                |  | (31) DESIGN LOAD HS 15                                         |               | 3             |            |
| AGE AND SERVICE                                          |           |                |  | (63) OPERATING RATING METHOD - Load Factor                     |               | 1             |            |
| (27) YEAR BUILT                                          |           | 1922           |  | (64) OPERATING RATING - HS-36                                  |               | 65            |            |
| (106)YEAR RECONSTRUCTED                                  |           | 1950           |  | (65) INVENTORY RATING METHOD - Load Factor                     |               | 1             |            |
| (42) TYPE OF SERVICE : ON - Highway                      |           |                |  | (66) INVENTORY RATING - HS-22                                  |               | 39            |            |
| UNDER - Waterway                                         | CODE      | 15             |  | (70) BRIDGE POSTING - No Posting Required                      |               | 5             |            |
| (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE               |           | 0              |  | (41) STRUCTURE OPEN, POSTED ,OR CLOSED                         |               | A             |            |
| (29) AVERAGE DAILY TRAFFIC                               |           | 1800           |  | DESCRIPTION - Open, No Restriction                             |               |               |            |
| (30) YEAR OF ADT 2013 (109) TRUCK ADT PCT                |           | 7%             |  | APPRAISAL                                                      |               | CODE          |            |
| (19) BYPASS OR DETOUR LENGTH                             |           | 14 MI          |  | (67) STRUCTURAL EVALUATION                                     |               | 5             |            |
| GEOMETRIC DATA                                           |           |                |  | (68) DECK GEOMETRY                                             |               | 5             |            |
| (48) LENGTH OF MAXIMUM SPAN                              |           | 24 FT          |  | (69) UNDERCLEARANCES,VERTI & HORIZ                             |               | N             |            |
| (49) STRUCTURE LENGTH                                    |           | 196 FT         |  | (71) WATERWAY ADEQUACY                                         |               | 7             |            |
| (50)CURB OR SIDEWALK: LEFT 1 FT RIGHT                    |           | 1 FT           |  | (72) APPROACH ROADWAY ALIGNMENT                                |               | 8             |            |
| (51) BRIDGE ROADWAY WIDTH CURB TO CURB                   |           | 33.833 FT      |  | (36) TRAFFIC SAFETY FEATURES                                   |               | 0000          |            |
| (52) DECK WIDTH OUT TO OUT                               |           | 38 FT          |  | (113)SCOUR CRITICAL BRIDGES                                    |               | 8             |            |
| (32) APPROACH ROADWAY WIDTH (W/SHOULDERS)                |           | 21 FT          |  | PROPOSED IMPROVEMENTS                                          |               | CODE          |            |
| (33) BRIDGE MEDIAN - No Median                           | CODE      | 0              |  | (75) TYPE OF WORK -                                            |               |               |            |
| (34) SKEW 0° (35) STRUCTURE FLARED                       |           | 0              |  | (76) LENGTH OF STRUCTURE IMPROVEMENT                           |               |               |            |
| (10) INVENTORY ROUTE MIN VERT CLEAR                      |           | 999.9 FT       |  | (94) BRIDGE IMPROVEMENT COST                                   |               |               |            |
| (47) INVENTORY ROUTE TOTAL HORIZ CLEAR                   |           | 33.833 FT      |  | (95) ROADWAY IMPROVEMENT COST                                  |               |               |            |
| (53) MIN VERT CLEAR OVER BRIDGE RDWY                     |           | 999.9 FT       |  | (96) TOTAL PROJECT COST                                        |               |               |            |
| (54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad   |           | 0 FT           |  | (97) YEAR OF IMPROVEMENT COST ESTIMATE                         |               |               |            |
| (55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad |           | 000 FT         |  | (114)FUTURE ADT 3600 (115) YEAR FUTURE ADT                     |               | 2025          |            |
| (56) MIN LAT UNDERCLEAR LT REF -                         |           | 000 FT         |  | INSPECTIONS                                                    |               |               |            |
| NAVIGATION DATA                                          |           |                |  | (90) INSPECTION DATE                                           |               | 05/06/2015    |            |
| (38) NAVIGATION CONTROL - No Navigational Control        | CODE      | 0              |  | (92) CRITICAL FEATURE INSPECTION :                             |               | (93) CFI DATE |            |
| (111)PIER PROTECTION -                                   | CODE      |                |  | A) FRACTURE CRIT DETAIL - NO                                   |               | A)            |            |
| (39) NAVIGATION VERTICAL CLEARANCE                       |           | 0              |  | B) UNDERWATER INSP - YES 48Mo                                  |               | B)            | 03/23/2015 |
| (116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR               |           | FT             |  | C) OTHER SPECIAL INSP NO                                       |               | C)            |            |
| (40) NAVIGATION HORIZONTAL CLEARANCE                     |           | 0 FT           |  | SCOUR                                                          |               |               |            |

## BRIDGE MANAGEMENT UNIT

## DATA ON EXISTING STRUCTURE

Run Date: 10/06/2015

|          |            |            |                    |          |
|----------|------------|------------|--------------------|----------|
| 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          | 1800 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 :      |
| 1950    | SHPWC | 3292   | TAN         | 90     | ON 2 UNDER 0 |

|                            |                   |               |
|----------------------------|-------------------|---------------|
| NAVIGATION :               | HT. CRN. TO BED : | WATER DEPTH : |
| VC 0 FT HC 0 FT 12 FT 3 FT |                   |               |

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

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

|         |        |
|---------|--------|
| SPANS : | 8@24'6 |
|---------|--------|

|                    |                               |
|--------------------|-------------------------------|
| BEAMS OR GIRDERS : | 6LNS. REINF.CONC.DECK GIRDERS |
|--------------------|-------------------------------|

|             |                |                     |
|-------------|----------------|---------------------|
| FLOOR :     | ENCROACHMENT : | DECK (OUT TO OUT) : |
| RC/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-22      | HS-36      | RCDG Wid       | SV       |      |      |

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

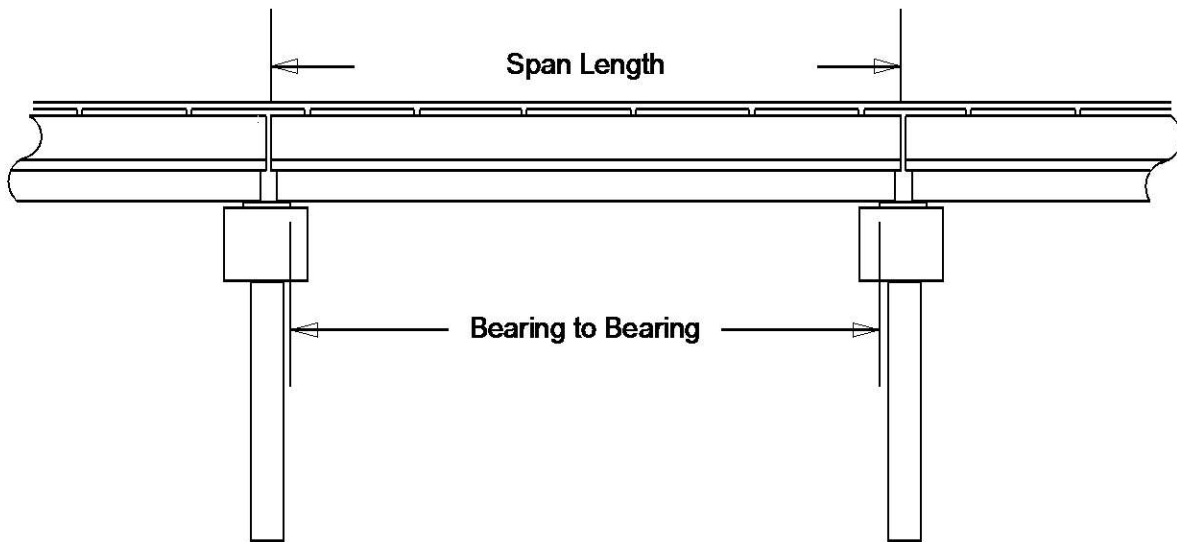
UNDER ROUTES AND CLEARANCES

REMARKS :

# Structure Data Worksheet

Spans

County: COLUMBUS      Structure No: 230077      Date:      Inspected By: RLK



| Span No | Span Length | Bearing to Bearing | Comments                             |
|---------|-------------|--------------------|--------------------------------------|
| 1       | 24.5        | 22.167             | NBIS 189.583 FT.                     |
| 2       | 24.5        | 23.75              |                                      |
| 3       | 24.5        | 23.75              |                                      |
| 4       | 24.5        | 23.75              |                                      |
| 5       | 24.5        | 23.75              |                                      |
| 6       | 24.5        | 23.75              |                                      |
| 7       | 24.5        | 23.75              |                                      |
| 8       | 24.5        | 22.167             | ALL, REINFORCED CONCRETE DECK GIRDER |

# Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 230077 County: COLUMBUS Date: \_\_\_\_\_ By: RLK

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

Distance from Highwater Mark to top of rail: 5.2 Location of Highwater Mark: TOP OF CAPS

| DOWNSTREAM                 |                  |                       | UPSTREAM                   |                  |               |
|----------------------------|------------------|-----------------------|----------------------------|------------------|---------------|
| Distance<br>(Station) (ft) | Sounding<br>(ft) | Description           | Distance<br>(Station) (ft) | Sounding<br>(ft) | Description   |
| 0                          | 2.8              | TOP OF RETAINING WALL |                            |                  |               |
| 1                          | 5.2              | Top of Cap            |                            |                  |               |
| 1.1                        | 8.4              | GROUND AT CAP         | 1.1                        | 8                | GROUND AT CAP |
| 6                          | 8.4              |                       |                            |                  |               |
| 17.3                       | 11.8             | WSWE (SOUTH )         |                            |                  |               |
| 24.3                       | 12.3             | BENT 1                | 24.3                       | 13.7             | BENT 1        |
| 32                         | 12.4             |                       |                            |                  |               |
| 40                         | 14               |                       |                            |                  |               |
| 48.9                       | 14.2             | BENT 2                | 48.9                       | 13.2             | BENT 2        |
| 64                         | 12.8             |                       |                            |                  |               |
| 73.3                       | 12.6             | BENT 3                | 73.3                       | 12.7             | BENT 3        |
| 81                         | 11               |                       |                            |                  |               |
| 89                         | 10.6             |                       |                            |                  |               |
| 97.7                       | 12.2             | BENT 4                | 97.7                       | 12.5             | BENT 4        |
| 114                        | 12.3             |                       |                            |                  |               |
| 122.4                      | 11.7             | BENT 5                | 122.4                      | 13.2             | BENT 5        |
| 138                        | 11.8             |                       |                            |                  |               |
| 146.6                      | 12.3             | BENT 6                | 146.6                      | 12.3             | BENT 6        |
| 162                        | 13.2             |                       |                            |                  |               |
| 171                        | 11.8             | BENT 7                | 171                        | 12.5             | BENT 7        |
| 176                        | 11               | WSWE                  |                            |                  |               |
| 194.9                      | 8.7              | GROUND AT CAP         | 194.9                      | 11.8             | BED AT CAP    |
| 195                        | 5.2              | Top of Cap            |                            |                  |               |
| 195.1                      | 2.8              | TOP OF RETAINING WALL |                            |                  |               |

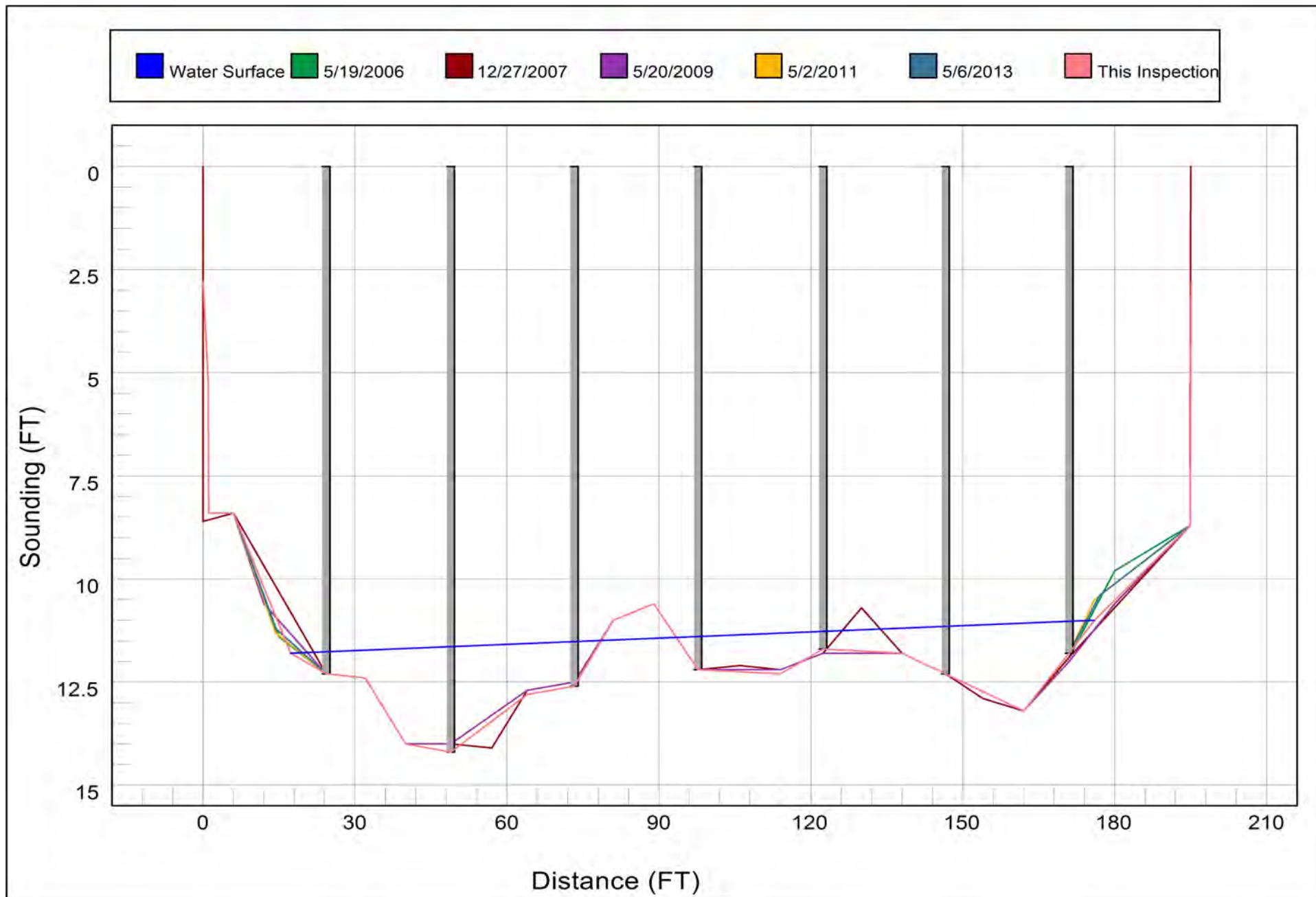
Bridge: 230077

County COLUMBUS

Date:

# STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



# 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

MEASUREMENTS VERIFIED BY RLK 5/6/15

## Title

APPROACH ROADWAY

## Description

LOOKING EAST

Bridge No: 230077

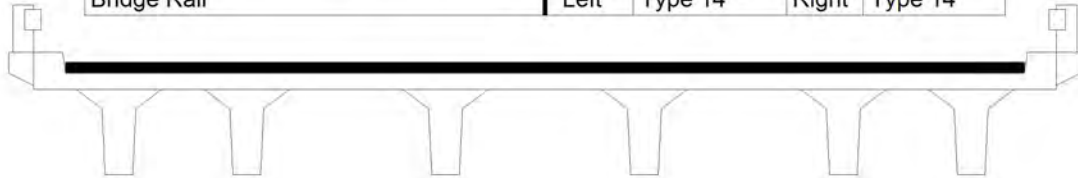
Drawn By: ZEL

Date: 12/27/2007

File Name: S0290000028

# Bridge Inspection Field Sketch

|                                     |          |                 |               |
|-------------------------------------|----------|-----------------|---------------|
| Deck Width/Out to Out               | 38.0ft   | 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     | 4.0 FT. |
| Top of Rail to Bottom of Beam | 6.0   | Right Overhang    | 4.0 FT. |

| 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

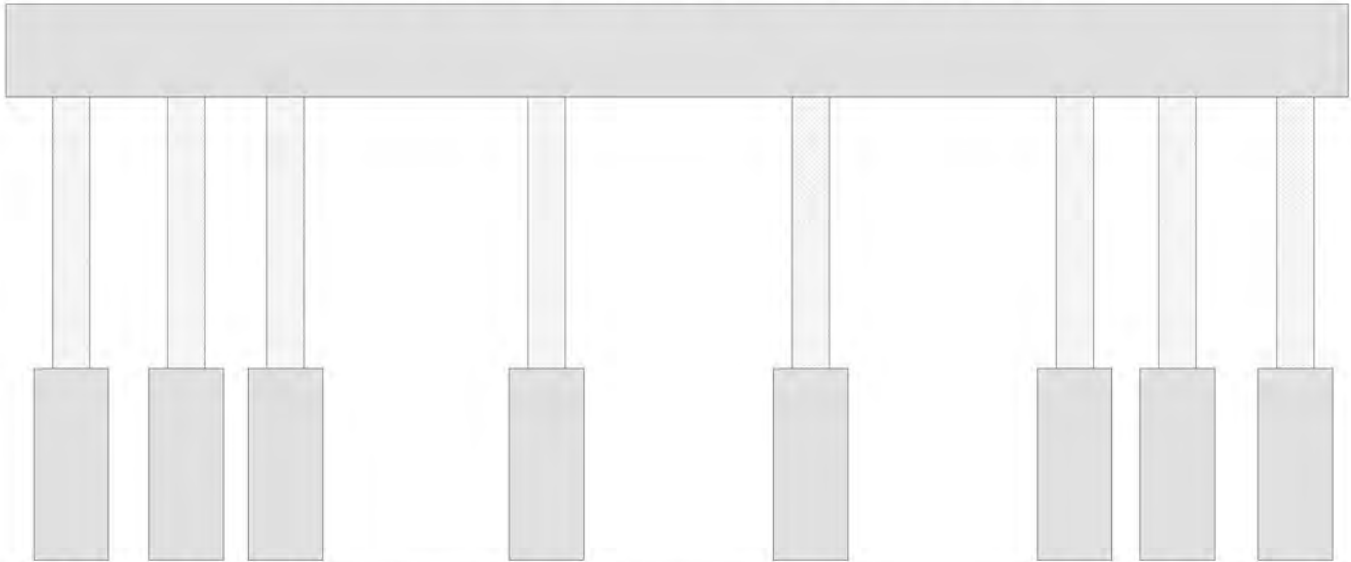
MEASUREMENTS VERIFIED BY RLK 5/6/13

MEASUREMENTS REVISED BY RLK 5/6/15

CHANGED OUT TO OUT, DECK OVERHANGS TAKEN AT EXTERIOR R.C.RAILS

|                                |               |                                       |                        |
|--------------------------------|---------------|---------------------------------------|------------------------|
| <b>Title</b><br>SUPERSTRUCTURE |               | <b>Description</b><br>SIMILAR SECTION |                        |
| Bridge No: 230077              | Drawn By: ZEL | Date: 12/27/2007                      | File Name: S0290000029 |

# Bridge Inspection Field Sketch



|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
|-------------------------------------------------------------------------------------------------------------------|-----------------|----------------|--------------------------------------------------------------------|----------------|--------------------------|---------------------------------------|----------------|---------------------|-----------------|----------------|
| <b>Cap Information</b>                                                                                            |                 |                | <b>Material</b> 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.                               |                |                     |                 |                |
| <b>Subcap Information</b>                                                                                         |                 |                | <b>Material</b>                                                    |                |                          |                                       |                |                     |                 |                |
| Length                                                                                                            | Width           | Height         | Left Overhang                                                      | Right Overhang | Left Pile to Splice.     |                                       |                |                     |                 |                |
|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
| <b>Sill Information</b>                                                                                           |                 |                | <b>Material</b>                                                    |                |                          |                                       |                |                     |                 |                |
| Length                                                                                                            | Width           | Height         | PILES VISIBLE ONLY AT PILES 4 THRU 7 AT EBT1, EBT2 COVERED BY SOIL |                |                          |                                       |                |                     |                 |                |
|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
| <b>Pile #</b>                                                                                                     | <b>Material</b> | <b>Spacing</b> | <b>Width/Dia.</b>                                                  | <b>Height</b>  | <b>Length</b>            | <b>Orientation</b>                    | <b>Driven?</b> | <b>Replacement?</b> | <b>Removed?</b> | <b>Collar?</b> |
| 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<br>MEASUREMENTS VERIFIED BY RLK 5/6/13<br>MEASUREMENTS VERIFIED BY RLK 5/6/15 |                 |                |                                                                    |                |                          | ALL PILES CONCRETE ENCASED M/L TO CAP |                |                     |                 |                |
|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
|                                                                                                                   |                 |                |                                                                    |                |                          |                                       |                |                     |                 |                |
| <b>Bent/Abutment #:</b> 1                                                                                         |                 |                |                                                                    |                |                          | <b>Similar Bents:</b>                 |                |                     |                 |                |

## Title

SUBSTRUCTURE

## Description

SIMILAR END BENT

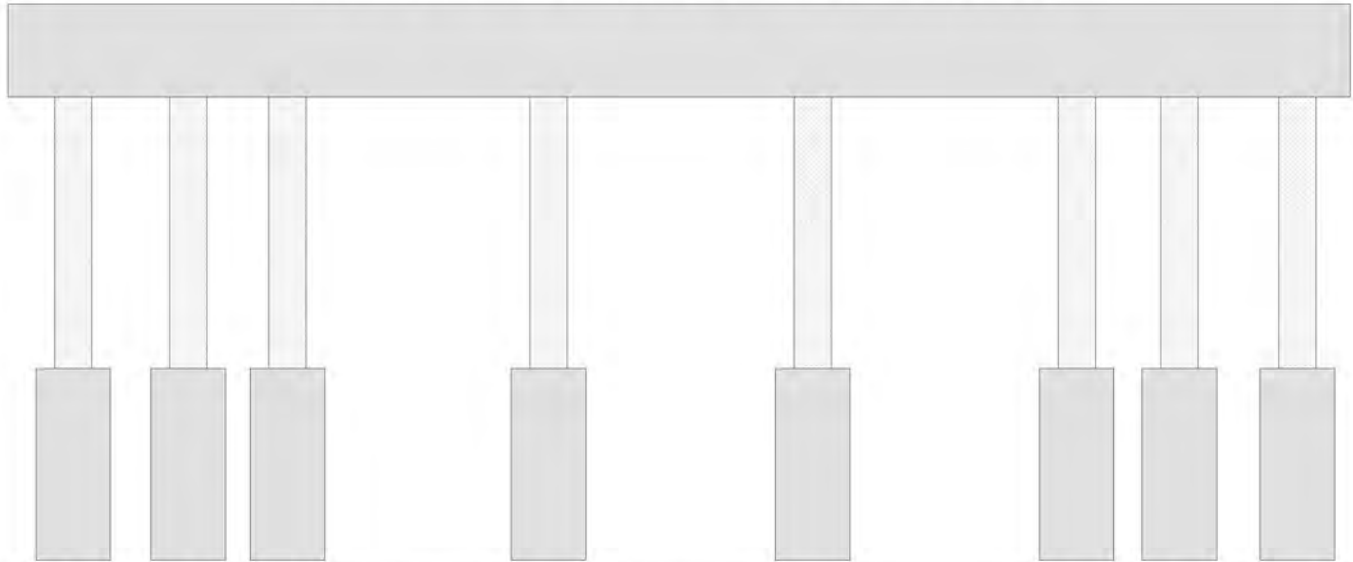
Bridge No: 230077

Drawn By: ZEL

Date: 12/27/2007

File Name: S0290000031

# Bridge Inspection Field Sketch



|                                     |                 |                |                                        |                |                          |                                            |                |                     |                 |                |
|-------------------------------------|-----------------|----------------|----------------------------------------|----------------|--------------------------|--------------------------------------------|----------------|---------------------|-----------------|----------------|
| <b>Cap Information</b>              |                 |                | <b>Material</b> 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.                                    |                |                     |                 |                |
| <b>Subcap Information</b>           |                 |                | <b>Material</b>                        |                |                          |                                            |                |                     |                 |                |
| Length                              | Width           | Height         | Left Overhang                          | Right Overhang | Left Pile to Splice.     |                                            |                |                     |                 |                |
|                                     |                 |                |                                        |                |                          |                                            |                |                     |                 |                |
| <b>Sill Information</b>             |                 |                | <b>Material</b>                        |                |                          |                                            |                |                     |                 |                |
| Length                              | Width           | Height         |                                        |                |                          |                                            |                |                     |                 |                |
|                                     |                 |                |                                        |                |                          |                                            |                |                     |                 |                |
| <b>Pile #</b>                       | <b>Material</b> | <b>Spacing</b> | <b>Width/Dia.</b>                      | <b>Height</b>  | <b>Length</b>            | <b>Orientation</b>                         | <b>Driven?</b> | <b>Replacement?</b> | <b>Removed?</b> | <b>Collar?</b> |
| 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 |                 |                |                                        |                |                          |                                            |                |                     |                 |                |
| MEASUREMENTS VERIFIED BY RLK 5/6/15 |                 |                |                                        |                |                          |                                            |                |                     |                 |                |
| Bent/Abutment #: 1                  |                 |                |                                        |                |                          | Similar Bents:                             |                |                     |                 |                |

## Title

SUBSTRUCTURE 1

## Description

SIMILAR INTERIOR BENT

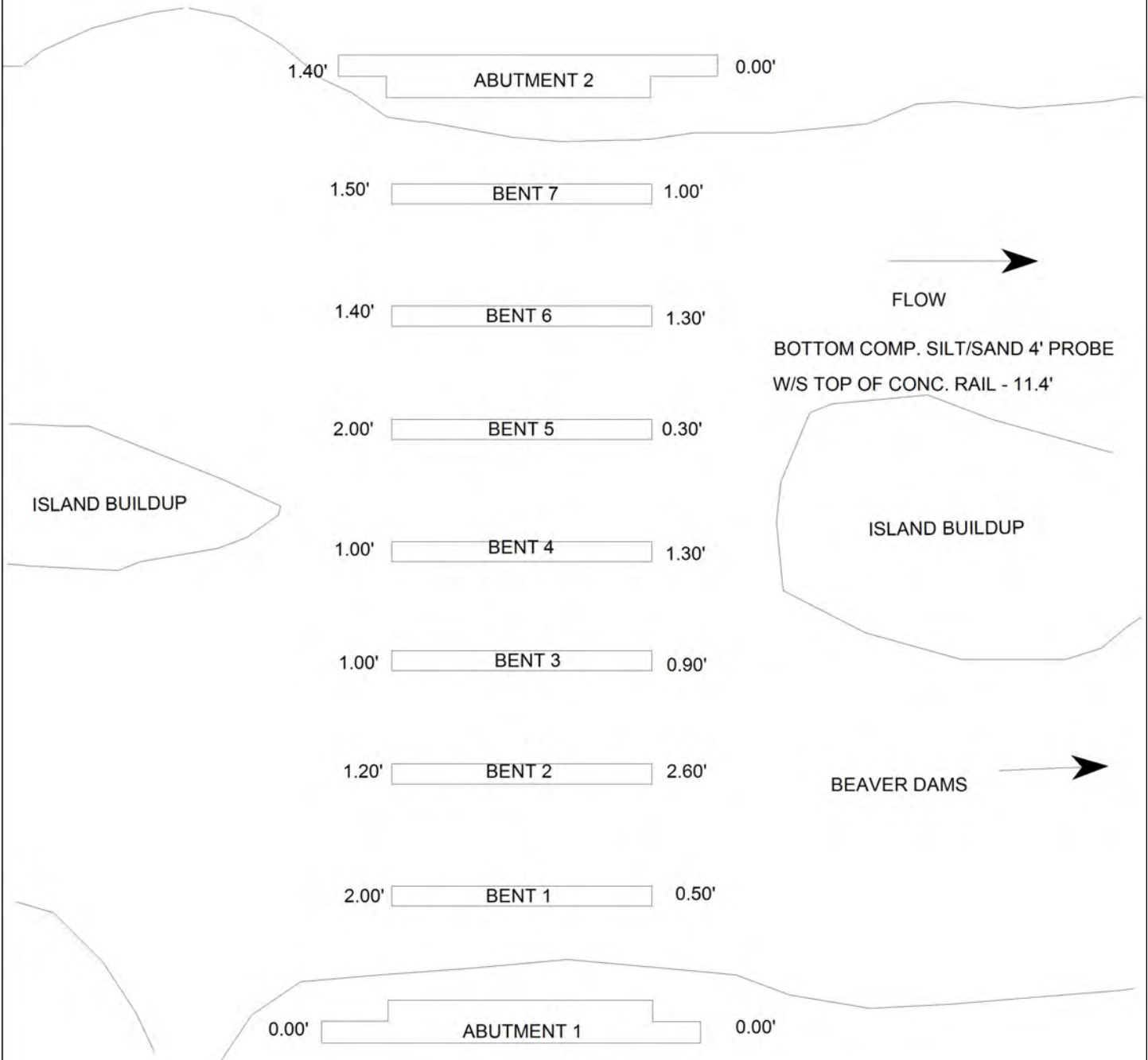
Bridge No: 230077

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