



NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STRUCTURE MANAGEMENT UNIT

ATTENTION: Vertical Clr. checked



Structure Safety Report

Routine Element Inspection

COUNTY: GASTON STRUCTURE NUMBER: 350118 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1327 MILE POST: _____

LOCATION: 0.14 MI. E. JCT. SR1355

FEATURE INTERSECTED: I85

LATITUDE: 35° 17' 0.18" LONGITUDE: 81° 12' 33.51"

SUPERSTRUCTURE: RC DECK ON PRECAST PRESTRESSED CONCRETE GIRDERS, APPR.SLABS

SUBSTRUCTURE: EBTS:RC CAPS ON PPC PILES, INT.BTS:RC POST & BEAM, PILE FTGS

SPANS: 1@52"10, 2@61"0, 1@62"0

FRACTURE CRITICAL TEMPORARY SHORING SCOUR CRITICAL SCOUR PLAN OF ACTION

PRESENT CONDITION: Fair INSPECTION DATE: 10/08/2014

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: NONE



west approach

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

| | | |
|------------------------------|---------------|-------------------------------|
| INSPECTED BY DEREK RICKUS | SIGNATURE | ASSISTED BY ERIC PATTERSON |
|------------------------------|---------------|-------------------------------|

Span Element Report

Structure Number: 350118
Span Number 1

Span Length 53 Feet

Inspection Date: 10/08/2014
Number of Beams/Girders: 7

| 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 | 2,143 | 2,143 | 0 | 0 | 0 | 0 | 3326 |
| 109 | | Prestressed Concrete Open Girder/Beam | 371 | 371 | 0 | 0 | 0 | 0 | 3306 |
| 215 | | Reinforced Concrete Abutment | 42 | 42 | 0 | 0 | 0 | 0 | 3350 |
| 300 | | Strip Seal Expansion Joint | 40 | 40 | 0 | 0 | 0 | 0 | 3310 |
| 310 | | Elastomeric Bearing | 14 | 14 | 0 | 0 | 0 | 0 | 3334 |
| 321 | | Reinforced Concrete Approach Slabs | 459 | 459 | 0 | 0 | 0 | 0 | 3353 |
| 333 | | Other Bridge Railing | 106 | 106 | 0 | 0 | 0 | 0 | 3318 |

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

Span Number 2

Span Length 61 Feet

Number of Beams/Girders: 7

| 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 | 2,466 | 2,466 | 0 | 0 | 0 | 0 | 3326 |
| 109 | | Prestressed Concrete Open Girder/Beam | 427 | 427 | 0 | 0 | 0 | 0 | 3306 |
| 215 | | Reinforced Concrete Abutment | 42 | 42 | 0 | 0 | 0 | 0 | 3350 |
| 302 | | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 |
| 310 | | Elastomeric Bearing | 14 | 14 | 0 | 0 | 0 | 0 | 3334 |
| 333 | | Other Bridge Railing | 122 | 122 | 0 | 0 | 0 | 0 | 3318 |

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

Span Number 3

Span Length 61 Feet

Number of Beams/Girders: 7

| Element Number | Parent Number | Element Name | Total Quantity | Level 1 Quantity | Level 2 Quantity | Level 3 Quantity | Level 4 Quantity | Maint. Quantity | Maint. Code |
|----------------|---------------|---------------------------------------|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|
| 109 | | Prestressed Concrete Open Girder/Beam | 427 | 427 | 0 | 0 | 0 | 0 | 3306 |
| 215 | | Reinforced Concrete Abutment | 42 | 42 | 0 | 0 | 0 | 0 | 3350 |
| 302 | | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 |
| 310 | | Elastomeric Bearing | 14 | 14 | 0 | 0 | 0 | 0 | 3334 |
| 333 | | Other Bridge Railing | 122 | 122 | 0 | 0 | 0 | 0 | 3318 |

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

Span Number 4

Span Length 61.3333 Feet

Number of Beams/Girders: 7

| 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 | 2,479 | 2,479 | 0 | 0 | 0 | 0 | 3326 |
| 109 | | Prestressed Concrete Open Girder/Beam | 427 | 427 | 0 | 0 | 0 | 0 | 3306 |
| 215 | | Reinforced Concrete Abutment | 42 | 42 | 0 | 0 | 0 | 0 | 3350 |
| 302 | | Compression Joint Seal | 80 | 80 | 0 | 0 | 0 | 0 | 3310 |
| 310 | | Elastomeric Bearing | 14 | 14 | 0 | 0 | 0 | 0 | 3334 |
| 321 | | Reinforced Concrete Approach Slabs | 459 | 459 | 0 | 0 | 0 | 0 | 3353 |
| 333 | | Other Bridge Railing | 124 | 124 | 0 | 0 | 0 | 0 | 3318 |

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

Superstructure Detailed Element Quantities

Structure Number: 350118

Inspection Date: 10/08/2014

| 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 | 2143 | 121 | 2022 | 0 | 0 | 2022 | 3326 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 1 | 333 | Other Bridge Railing | 53 | 53 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 2 | 333 | Other Bridge Railing | 53 | 53 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces | | 510 | Wearing Surface | 0 | 0 | 0 | 0 | 0 | 0 | 2816 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 1 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 2 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 3 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 4 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Beam | 5 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 6 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 7 | 109 | Prestressed Concrete Open Girder/Bearr | 53 | 53 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 0 | 0 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |

Structure Number: 350118
Span Number 1

Inspection Date: 10/08/2014

| 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"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Expansion Joints | 1 | 300 | Strip Seal Expansion Joint | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Expansion Joints | 1 | 302 | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |

Structure Number: 350118
Span Number 2

Inspection Date: 10/08/2014

| 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 | 2466 | 466 | 2000 | 0 | 0 | 2000 | 3326 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 1 | 333 | Other Bridge Railing | 61 | 61 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 2 | 333 | Other Bridge Railing | 61 | 61 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces | | 510 | Wearing Surface | 0 | 0 | 0 | 0 | 0 | 0 | 2816 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 1 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 59 | 0 | 2 | 0 | 2 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 2 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 3 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 4 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 5 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 6 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 7 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |

Structure Number: 350118
 Span Number 2

Inspection Date: 10/08/2014

| 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"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Expansion Joints | 1 | 302 | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |

Structure Number: 350118
Span Number 3

Inspection Date: 10/08/2014

| 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 | 2479 | 2477 | 0 | 2 | 0 | 2 | 3326 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 1 | 333 | Other Bridge Railing | 61 | 61 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input type="checkbox"/> Bridge Rail | 2 | 331 | Reinforced Concrete Bridge Railing | 61 | 61 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 2 | 333 | Other Bridge Railing | 61 | 61 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces | | 510 | Wearing Surface | 0 | 0 | 0 | 0 | 0 | 0 | 2816 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 1 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 2 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 3 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 4 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 5 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 6 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 7 | 109 | Prestressed Concrete Open Girder/Bear | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |

Structure Number: 350118
 Span Number 3

Inspection Date: 10/08/2014

| 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"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Expansion Joints | 1 | 302 | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |

| Element Location | Location Number | Element Number | Element Name | Total Quantity | Level 1 Quantity | Level 2 Quantity | Level 3 Quantity | Level 4 Quantity | Maint. Quantity | Maint. Code | Priority Maintenance |
|--|-----------------|----------------|--|----------------|------------------|------------------|------------------|------------------|-----------------|-------------|------------------------------------|
| <input checked="" type="checkbox"/> Deck | 1 | 12 | Reinforced Concrete Deck | 2479 | 479 | 2000 | 0 | 0 | 2000 | 3326 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 1 | 333 | Other Bridge Railing | 62 | 62 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bridge Rail | 2 | 333 | Other Bridge Railing | 62 | 62 | 0 | 0 | 0 | 0 | 3318 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Wearing Surfaces | | 510 | Wearing Surface | 0 | 0 | 0 | 0 | 0 | 0 | 2816 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 1 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 2 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 3 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 4 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 5 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 6 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Beam | 7 | 109 | Prestressed Concrete Open Girder/Bearr | 61 | 61 | 0 | 0 | 0 | 0 | 3306 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 1 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 2 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 3 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 4 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 5 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |

Structure Number: 350118
Span Number 4

Inspection Date: 10/08/2014

| 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"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 6 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Bearing Device | 7 | 310 | Elastomeric Bearing | 1 | 1 | 0 | 0 | 0 | 0 | 3334 | <input type="checkbox"/> Requested |
| Protective System | | 515 | Steel Protective Coating | 1 | 1 | 0 | 0 | 0 | 0 | 5603 | |
| <input checked="" type="checkbox"/> Expansion Joints | 1 | 302 | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Expansion Joints | 1 | 302 | Compression Joint Seal | 40 | 40 | 0 | 0 | 0 | 0 | 3310 | <input type="checkbox"/> Requested |

Superstructure Element Defect Descriptions

Structure Number: 350118

Inspection Date: 10/08/2014

Span Number 1

| Span | Deck | 1 | Component Name: | Reinforced Concrete Deck | | | | | |
|------|------|---|-----------------|--------------------------|--|--|--|--|--|
|------|------|---|-----------------|--------------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|
| Element: 12 | Name | Reinforced Concrete Deck | Qty: | 2143 | Lvl 2: | 2,022 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 2,022 |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|

Defect Description:

2 Square Feet of Exposed Rebar: Present without measurable section loss. 8" diam. popout under the lt. o'hang above bent 1 cap with rebar exposed.
 2000 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.
 20 Square 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. concrete patch 2' l x 10'l in the rt. lane at the east end of span 1 at joint.

| Span | Expansion Joints | 1 | Component Name: | Compression Seal | | | | | |
|------|------------------|---|-----------------|------------------|--|--|--|--|--|
|------|------------------|---|-----------------|------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|--------------|------|----------------------------|------|----|--------|---|-------|---|-------|---|------------|---|
| Element: 300 | Name | Strip Seal Expansion Joint | Qty: | 40 | Lvl 2: | 0 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 0 |
|--------------|------|----------------------------|------|----|--------|---|-------|---|-------|---|------------|---|

Defect Description:

40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.

Span Number 2

| Span | Deck | 1 | Component Name: | Reinforced Concrete Deck | | | | | |
|------|------|---|-----------------|--------------------------|--|--|--|--|--|
|------|------|---|-----------------|--------------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|
| Element: 12 | Name | Reinforced Concrete Deck | Qty: | 2466 | Lvl 2: | 2,000 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 2,000 |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|

Defect Description:

2000 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.

| Span | Beam | 1 | Component Name: | Prestressed Concrete Girder | | | | | |
|------|------|---|-----------------|-----------------------------|--|--|--|--|--|
|------|------|---|-----------------|-----------------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|--------------|------|-------------------------------|------|----|--------|---|-------|---|-------|---|------------|---|
| Element: 109 | Name | Prestressed Concrete Open Gir | Qty: | 61 | Lvl 2: | 0 | Lvl 3 | 2 | Lvl 4 | 0 | Maint. Qty | 2 |
|--------------|------|-------------------------------|------|----|--------|---|-------|---|-------|---|------------|---|

Defect Description:

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. chip spall due to impact from vehicle 2' along the bottom corner over rt. lane looking south

| Span | Expansion Joints | 1 | Component Name: | Compression Seal | | | | | |
|------|------------------|---|-----------------|------------------|--|--|--|--|--|
|------|------------------|---|-----------------|------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|--------------|------|------------------------|------|----|--------|---|-------|---|-------|---|------------|---|
| Element: 302 | Name | Compression Joint Seal | Qty: | 40 | Lvl 2: | 0 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 0 |
|--------------|------|------------------------|------|----|--------|---|-------|---|-------|---|------------|---|

Defect Description:

40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.

Span Number 3

| Span | Deck | 1 | Component Name: | Reinforced Concrete Deck | | | | | |
|------|------|---|-----------------|--------------------------|--|--|--|--|--|
|------|------|---|-----------------|--------------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|-------------|------|--------------------------|------|------|--------|---|-------|---|-------|---|------------|---|
| Element: 12 | Name | Reinforced Concrete Deck | Qty: | 2479 | Lvl 2: | 0 | Lvl 3 | 2 | Lvl 4 | 0 | Maint. Qty | 2 |
|-------------|------|--------------------------|------|------|--------|---|-------|---|-------|---|------------|---|

Defect Description:

2 Square Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. in diameter. Patched area that is unsound or showing distress. Does not warrant structural review.

| Span | Expansion Joints | 1 | Component Name: | Compression Seal | | | | | |
|------|------------------|---|-----------------|------------------|--|--|--|--|--|
|------|------------------|---|-----------------|------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|--------------|------|------------------------|------|----|--------|---|-------|---|-------|---|------------|---|
| Element: 302 | Name | Compression Joint Seal | Qty: | 40 | Lvl 2: | 0 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 0 |
|--------------|------|------------------------|------|----|--------|---|-------|---|-------|---|------------|---|

Defect Description:

40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.

Span Number 4

| Span | Deck | 1 | Component Name: | Reinforced Concrete Deck | | | | | |
|------|------|---|-----------------|--------------------------|--|--|--|--|--|
|------|------|---|-----------------|--------------------------|--|--|--|--|--|

| | | | | | | | | | | | | |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|
| Element: 12 | Name | Reinforced Concrete Deck | Qty: | 2479 | Lvl 2: | 2,000 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 2,000 |
|-------------|------|--------------------------|------|------|--------|-------|-------|---|-------|---|------------|-------|

Defect Description:

2000 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.

| Span | 4 | Expansion Joints | 1 | Component Name: | Compression Seal | | | | | | | | |
|---------------------|-----|------------------|------------------------|-----------------|------------------|--------|---|-------|---|-------|---|------------|---|
| Element: | 302 | Name | Compression Joint Seal | Qty: | 40 | Lvl 2: | 0 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 0 |
| Defect Description: | | | | | | | | | | | | | |

40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.

| Span | 4 | Expansion Joints | 1 | Component Name: | Compression Seal | | | | | | | | |
|---------------------|-----|------------------|------------------------|-----------------|------------------|--------|---|-------|---|-------|---|------------|---|
| Element: | 302 | Name | Compression Joint Seal | Qty: | 40 | Lvl 2: | 0 | Lvl 3 | 0 | Lvl 4 | 0 | Maint. Qty | 0 |
| Defect Description: | | | | | | | | | | | | | |

40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.

Substructure Detailed Element Quantites

Structure Number: 350118
End Bent 1

Inspection Date: 10/08/2014

| 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 | 42 | 42 | 0 | 0 | 0 | 0 | 3350 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Caps | 1 | 234 | Reinforced Concrete Pier Cap | 42 | 42 | 0 | 0 | 0 | 0 | 3348 | <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 | 42 | 42 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 1 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 2 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 3 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 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 | 42 | 42 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 1 | 205 | Reinforced Concrete Column | 1 | 0 | 1 | 0 | 0 | 1 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 2 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 3 | 205 | Reinforced Concrete Column | 1 | 0 | 0 | 1 | 0 | 1 | 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 | 42 | 41 | 1 | 0 | 0 | 1 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 1 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 2 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Piles and Columns | 3 | 205 | Reinforced Concrete Column | 1 | 1 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |

Structure Number: 350118

Inspection Date: 10/08/2014

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 | 42 | 42 | 0 | 0 | 0 | 0 | 3350 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Caps | 1 | 234 | Reinforced Concrete Pier Cap | 42 | 42 | 0 | 0 | 0 | 0 | 3348 | <input type="checkbox"/> Requested |

Substructure Element Defect Descriptions

Structure Number: 350118

Inspection Date: 10/08/2014

Bent 2

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

Element: 205 Name Reinforced Concrete Column Qty: 1 Lvl 2: 1 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 1
 Defect Description:

1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. vertical cracking on the east face for 9'

| Bent 2 | Row 1 | Piles and Columns | 3 |
|--------|-------|-------------------|---|
|--------|-------|-------------------|---|

Element: 205 Name Reinforced Concrete Column Qty: 1 Lvl 2: 0 Lvl 3: 1 Lvl 4: 0 Maint. Qty: 1
 Defect Description:

1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. vertical crack runs 8'

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

Element: 234 Name Reinforced Concrete Pier Cap Qty: 42 Lvl 2: 1 Lvl 3: 0 Lvl 4: 0 Maint. Qty: 1
 Defect Description:

1 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. 1' diam. crack/spall in progress on the east face of the cap in bay 1.

Approach Detailed Element Quantities

Structure Number: 350118

Inspection Date: 10/08/2014

| 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"/> Approach | 1 | 321 | Reinforced Concrete Approach Slabs | 459 | 459 | 0.000 | 0.000 | 0.000 | 0 | 3353 | <input type="checkbox"/> Requested |
| <input checked="" type="checkbox"/> Approach | 2 | 321 | Reinforced Concrete Approach Slabs | 459 | 459 | 0.000 | 0.000 | 0.000 | 0 | 3353 | <input type="checkbox"/> Requested |

Approach Element Defect Descriptions

Structure Number: 350118

Inspection Date: 10/08/2014

National Bridge and NC Inspection Items

Structure Number: 350118

Inspection Date: 10/08/2014

National Bridge Inventory Items

| Item | Grade Scale | Grade |
|---|-------------|-------|
| Item 58: Deck | 0 - 9 , N | 6 |
| Item 59: Superstructure | 0 - 9 , N | 7 |
| Item 60: Substructure | 0 - 9 , N | 6 |
| Item 61: Channel and Channel Protection | 0 - 9 , N | |
| Item 62: Culvert | 0 - 9 , N | |
| Item 71: Waterway Adequacy | 0 - 9 , N | |
| 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 | 7 | 0 | 3376 |
| Drainage System | G, F, P, or C | N | 0 | 3332 |
| Utilities | G, F, P, or C | | | |
| Slope Protection | G, F, P, or C | 7 | 0 | 3352 |
| Wingwall | G, F, P, or C | | | |
| Scour | G, F, P, or C | | | |
| Field Scour Evaluation | | | | |
| Drift | G, F, P, or C | | 0 | 3366 |
| Fender System | G, F, P, or C | | | |
| Response to Live Load | G, F, P, or C | 7 | | |
| Estimated Remaining Life | 0 - 100 Years | 25 | | |

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 | N |

National Bridge and NC SMU Inspection Item Details

Structure Number: 350118

Inspection Date: 10/08/2014

| Item | Grade | Maint Code | Qty. |
|---------|-------|------------|------|
| Details | | | |



Bent 2 Pile 3: 1 Each of Cracking (RC and Other): Width greater than 0.05 in. or spacing of less than 1 ft. vertical crack runs 8'



Span 1 Deck: 2 Square Feet of Exposed Rebar: Present without measurable section loss. 8" diam. popout under the lt. o'hang above bent 1 cap with rebar exposed.



Bent 2 Pile 1: 1 Each of Cracking (RC and Other): Width 0.012-0.05 in. or spacing or 1.0-3.0 ft. vertical cracking on the east face for 9'



Bent 3 Cap : 1 Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft. 1' diam. crack/spall in progress on the east face of the cap in bay 1.



Expansion Joint 5 : 40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.



Span 4 Deck: 2000 Square Feet of Abrasion/Wear (PSC/RC): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete.



Span 3 Deck: 2 Square Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. in diameter. Patched area that is unsound or showing distress. Does not warrant structural review.



Expansion Joint 3 : 40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.



Span 2 Deck: 2000 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.



Span 1 Deck: 2000 Square Feet of Cracking (RC and Other): Width 0.012-0.05 in. or spacing of 1.0-3.0 ft.



Expansion Joint 1 : 40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.



Span 1 Deck: 20 Square 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. concrete patch 2' l x 10'l in the rt. lane at the east end of span 1 at joint.



Expansion Joint 2 : 40 Feet of Debris Impaction: No debris to a shallow cover of loose debris may be evident but does not affect the performance of the joint.



Span 2 Beam 1: 2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. chip spall due to impact from vehicle 2' along the bottom corner over rt. lane looking south



looking north



bent 2



bent 1



looking south



bent 3



abut. 2



guardrail end for all four corners



east approach



infor. plate at the ne corner



guardrail attached to the bridge rail for all four corners



guardrail looking east



guardrail looking west



infor. plate at the sw corner



west approach



abut. 1

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE 350118
 (8) STRUCTURE NUMBER(FEDERAL) 00000000710118
 (5) INVENTORY ROUTE (ON/UNDER) - ON 31013270
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 1
 (3) COUNTY CODE 71 (4) PLACE CODE 34470
 (6) FEATURE INTERSECTED - I85
 (7) FACILITY CARRIED SR1327
 (9) LOCATION 0.14 MI. E. JCT. SR1355
 (11) MILEPOINT 0
 (16) LAT 35° 17' 0.18" (17) LONG 81° 12' 33.51"
 (98) BORDER BRIDGE STATE CODE PCT SHARE
 (99) BORDER BRIDGE STRUCTURE NO

SUFFICIENCY RATING = 87.34
 STATUS = Functionally Obsolete

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Prestressed Concrete
 TYPE - Stringer Mutlibeam or Girder CODE 502
 (44) STRUCTURE TYPE APPR :
 TYPE - CODE 000
 (45) NUMBER OF SPANS IN MAIN UNIT 4
 (46) NUMBER OF APPROACH SPANS
 (107) DECK STRUCTURE TYPE - 1 CODE
 (108) WEARING SURFACE / PROTECTIVE SYSTEM :
 (A) TYPE OF WEARING SURFACE - CODE
 (B) TYPE OF MEMBRANE - CODE
 (C) TYPE OF DECK PROTECTION - CODE

CLASSIFICATION CODE
 (112) NBIS BRIDGE SYSTEM - YES
 (104) HIGHWAY SYSTEM Is not on NHS 0
 (26) FUNCTIONAL CLASS - Local 19
 (100) STRAHNET HIGHWAY - Not a STRAHNET Route 0
 (101) PARALLEL STRUCTURE - No Parallel Structure N
 (102) DIRECTION OF TRAFFIC - 2-way Traffic 2
 (103) TEMPORARY STRUCTURE -
 (110) DESIGNATED NATIONAL NETWORK - Not on the National Network 0
 (20) TOLL On Free Road 3
 (31) MAINTAIN - State Highway Agency 01
 (22) OWNER - State Highway Agency 01
 (37) HISTORICAL SIGNIFICANCE - Not Eligible 5

AGE AND SERVICE

(27) YEAR BUILT 1962
 (106) YEAR RECONSTRUCTED
 (42) TYPE OF SERVICE : ON - Highway - Pedestrian
 UNDER - Highway CODE 51
 (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 6
 (29) AVERAGE DAILY TRAFFIC 910
 (30) YEAR OF ADT 2012 (109) TRUCK ADT PCT 7%
 (19) BYPASS OR DETOUR LENGTH 2 MI

CONDITION CODE
 (58) DECK 6
 (59) SUPERSTRUCTURE 7
 (60) SUBSTRUCTURE 6
 (61) CHANNEL & CHANNEL PROTECTION N
 (62) CULVERTS N

LOAD RATING AND POSTING

CODE
 (31) DESIGN LOAD HS 20 + MOD 6
 (63) OPERATING RATING METHOD - Load Factor 1
 (64) OPERATING RATING - HS-55 99
 (65) INVENTORY RATING METHOD - Load Factor 1
 (66) INVENTORY RATING - HS-34 61
 (70) BRIDGE POSTING - No Posting Required 5
 (41) STRUCTURE OPEN, POSTED ,OR CLOSED A
 DESCRIPTION - Open, No Restriction

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 60 FT
 (49) STRUCTURE LENGTH 237 FT
 (50) CURB OR SIDEWALK: LEFT 5.2 FT RIGHT 5.2 FT
 (51) BRIDGE ROADWAY WIDTH CURB TO CURB 28 FT
 (52) DECK WIDTH OUT TO OUT 40.58 FT
 (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 20 FT
 (33) BRIDGE MEDIAN - No Median CODE 0
 (34) SKEW 20° (35) STRUCTURE FLARED 0
 (10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28 FT
 (53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
 (54) MIN VERT UNDERCLEAR REF Highway 16 FT
 (55) MIN LAT UNDERCLEAR RT REF Highway 9.5 FT
 (56) MIN LAT UNDERCLEAR LT REF - 6.67 FT

APPRAISAL CODE
 (67) STRUCTURAL EVALUATION 6
 (68) DECK GEOMETRY 5
 (69) UNDERCLEARANCES, VERTI & HORIZ 3
 (71) WATERWAY ADEQUACY N
 (72) APPROACH ROADWAY ALIGNMENT 8
 (36) TRAFFIC SAFETY FEATURES 0111
 (113) SCOUR CRITICAL BRIDGES N

PROPOSED IMPROVEMENTS

CODE
 (75) TYPE OF WORK -
 (76) LENGTH OF STRUCTURE IMPROVEMENT
 (94) BRIDGE IMPROVEMENT COST
 (95) ROADWAY IMPROVEMENT COST
 (96) TOTAL PROJECT COST
 (97) YEAR OF IMPROVEMENT COST ESTIMATE
 (114) FUTURE ADT 1820 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 10/08/2014
 (92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
 A) FRACTURE CRIT DETAIL - NO A)
 B) UNDERWATER INSP - NO B)
 C) OTHER SPECIAL INSP NO C)
 SCOUR

NAVIGATION DATA

(38) NAVIGATION CONTROL - Not Applicable CODE N
 (111) PIER PROTECTION - CODE
 (39) NAVIGATION VERTICAL CLEARANCE 0
 (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
 (40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

Structure No: 350118

County: GASTON

Run Date:

| Span Number | Feature Intersected | Inventory Route | Minimum Maximum Vertical Clearance | Milepoint | Base Highway Network | LRS Inventory Route | Toll | Functional Classification | Nuner of Lanes | Average Daily Traffic | Year of Average Daily Traffic | Total Horizontal Clearance | See Note 1 | | | | | | | |
|-------------|---------------------|-----------------|------------------------------------|-----------|----------------------|---------------------|------|---------------------------|----------------|-----------------------|-------------------------------|----------------------------|-------------------|---------------------------------|------------------------------|-----------------------------|--------------------------------|-----------------------------|----------------------|-------------------------|
| | | | | | | | | | | | | | Reference Feature | Minimum Vertical Underclearance | Right Lateral Underclearance | Left Lateral Underclearance | Underclearance Appraisal Grade | STRAHNET Highway Designator | Direction of Traffic | Highway System of Route |
| | 6 | 5 | 10 | 11 | 12 | 13 | 20 | 26 | 28 | 29 | 30 | 47 | 54A | 54 | 55 | 56 | 69 | 100 | 102 | 104 |
| 2 | I 85 S | 11000850 | 16.08 | 15.80 | 1 | 10085 | | 11 | 3 | 41500 | 2013 | 52.17 | H | 16 | 9.5 | 6.67 | 9 | 1 | 1 | 1 |
| 3 | I 85 N | 11000850 | 17.08 | 15.80 | 1 | 10085 | | 11 | 3 | 41500 | 2013 | 52.17 | H | 16.58 | 10 | 6.17 | 9 | 1 | 1 | 1 |

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 01/07/2015

COUNTY : GASTON DIVISION : 12 DISTRICT : 1 STRUCTURE NUMBER : 350118 LENGTH : 237 FEET

ROUTE CARRIED : SR1327 FEATURE INTERSECTED : I85

LOCATED : 0.14 MI. E. JCT. SR1355 BRIDGE NAME : CITY : *JENKINS HEI

FUNC. CLASS : 19 SYST.ON : NFA SYST.UNDER : NFA ADT & YR : 910 2012 RAIL TYPE : LT 139 RT 139

BUILT : 1962 BY : SHC PROJ : 8.16316 FED.AID PROJ : I-85-1(13)10 DESIGN LOAD : HS 20 + MOD

REHAB : BY : DOH PROJ : 6.819001T ALIGNMENT : TAN SKEW : 70 LANES : ON 2 UNDER 6

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

SUPERSTRUCTURE : RC DECK ON PRESTRESSED CONCRETE GIRDERS

SUBSTRUCTURE : EBTS:RC CAPS/PPC PILES; INT.BTS:RC POST & BEAM/PILE FTGS.

SPANS : 1@52'-10, 2@61', 1@62'

BEAMS OR GIRDERS : 7 LINES 45 PRESTRESSED CONCRETE GIRDERS @ 5'-10.5 CENTERS

FLOOR : 7.5 RC/NO AWS ENCROACHMENT : DECK (OUT TO OUT) : 40.58 FT

CLEAR ROADWAY : 28 FT BETWEEN RAILS : 38.33 FT SIDEWALK OR CURB : LT 5.2 FT RT 5.2 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-34 OPE.RTG. : HS-55 CONTR.MEMBER : Int.grdsSpA POSTED : SV TTST DATE

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

UNDER ROUTES AND CLEARANCES

| Span | Route Description | Vertical Clearances | | Horizontal Clearances | | |
|------|-------------------|---------------------|-------|-----------------------|------|-------|
| | | MMVC | MVC | Total | Left | Right |
| 2 | I 85 S | 16.08 | 16 | 52.17 | 6.67 | 9.50 |
| 3 | I 85 N | 17.08 | 16.58 | 52.17 | 6.17 | 10 |

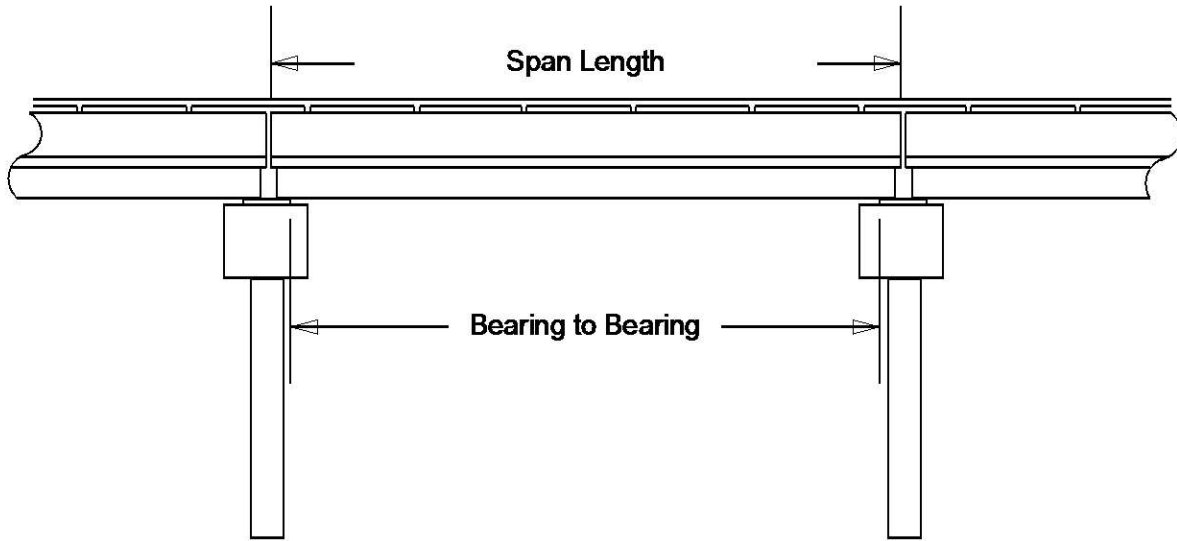
Note: All measurements are in feet.

REMARKS :

Structure Data Worksheet

Spans

County: GASTON Structure No: 350118 Date: _____ Inspected By: DCR



| Span No | Span Length | Bearing to Bearing | Comments |
|---------|-------------|--------------------|-------------|
| 1 | 52.833' | 50.833' | |
| 2 | 61.000' | 59.667' | |
| 3 | 61.000' | 59.667' | |
| 4 | 62.000' | 59.625' | NBIS = 134' |

Bridge Inspection Field Sketch



| | | | |
|-----------------|------------------|---------------|----------------|
| Roadway | 20.00ft Wide | 2 Paved Lanes | Looking East |
| Left Shoulder | 9ft Wide | | 9.00ft Unpaved |
| Right Shoulder | 8ft Wide | | 8.00ft Unpaved |
| Left Guardrail | 9.00ft from road | | |
| Right Guardrail | 8.00ft from road | | |

VERIFIED BY ERIC PATTERSON ON 10-8-2014

Title

APPROACH ROADWAY WIDTH

Description

APPROACH ROADWAY WIDTH

Bridge No: 350118

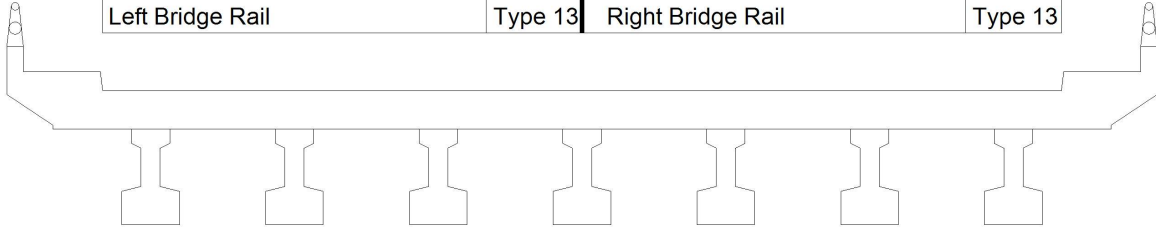
Drawn By: DCR

Date: 9/4/08

File Name: S0286000133

Bridge Inspection Field Sketch

| | | | |
|----------------------------------|---------|-----------------------|---------|
| Deck Width/Out to Out | 40.58ft | Wearing Surface | |
| Between Rails | 38.33ft | Median Width | |
| Curb Height | .96ft | Median Height | |
| Top Rail to Deck/Wearing Surface | 4.13ft | Left Guardrail Width | 1.10ft |
| Clear Roadway | 28.00ft | Right Guardrail Width | 1.10ft |
| Left Bridge Rail | Type 13 | Right Bridge Rail | Type 13 |



| | | | |
|-------------------------------|------|----------------------|------|
| Measurements for Span # | 1 | SPANS 2 TO 4 SIMILAR | |
| Deck Thickness | .63 | Left Overhang | 2.67 |
| Top of Rail to Bottom of Beam | 7.76 | Right Overhang | 2.67 |

| Beam No | Beam Type | Spacing | Comments |
|---------|------------|---------|----------|
| 1 | PPC Girder | 5.88ft | |
| 2 | PPC Girder | 5.88ft | |
| 3 | PPC Girder | 5.88ft | |
| 4 | PPC Girder | 5.88ft | |
| 5 | PPC Girder | 5.88ft | |
| 6 | PPC Girder | 5.88ft | |
| 7 | PPC Girder | | |



VERIFIED BY ERIC PATTERSON ON 10-8-2014

Title

TYPICAL SECTION

Description

TYPICAL SECTION

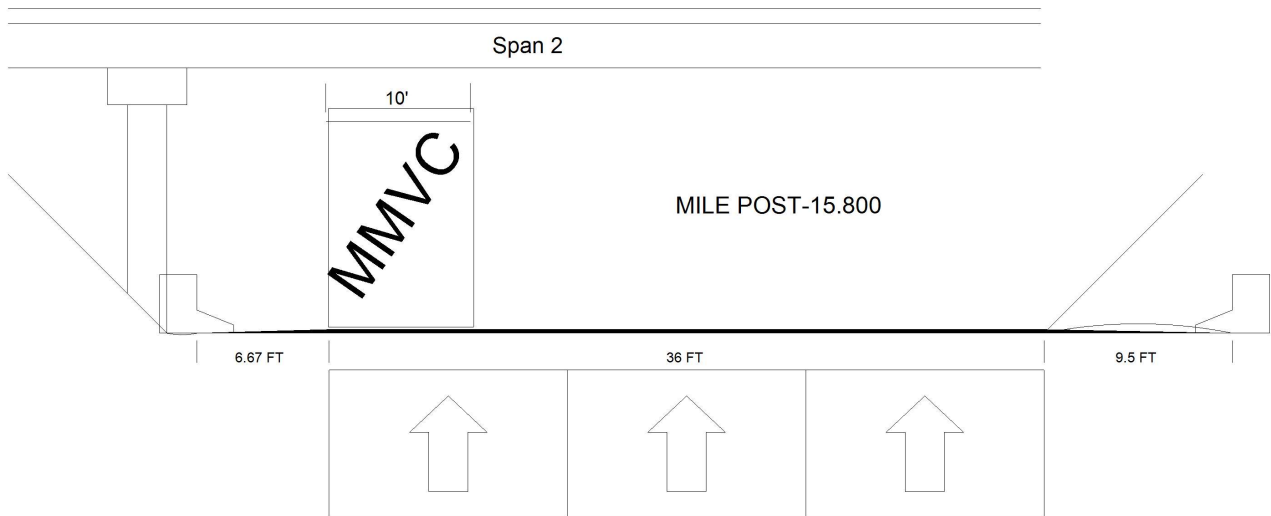
Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

File Name: S0286000134

Bridge Inspection Field Sketch



| | | | |
|--------------------------------|---|------------------------|--------|
| Roadway 1 | | Direction of Traffic | South |
| Distance to Left Rail | 6.67FT | Distance to Right Rail | 9.5FT |
| Distance to Left Toe of Slope | | Distance to Left Bent | 8.17FT |
| Distance to Right Toe of Slope | | Distance to Right Bent | 11FT |
| MMVC | 16.08 Ft at Beam 7, 0 FT from LEFT EDGE OF PAVEMENT | | |
| MVC | 16 Ft at Beam 7, 12 FT from LEFT EDGE OF PAVEMENT | | |

VERIFIED BY ERIC PATTERSON ON 10-8-2014

Title

CLEARANCE - SPAN 2

Description

CLEARANCE FOR SPAN 2

Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

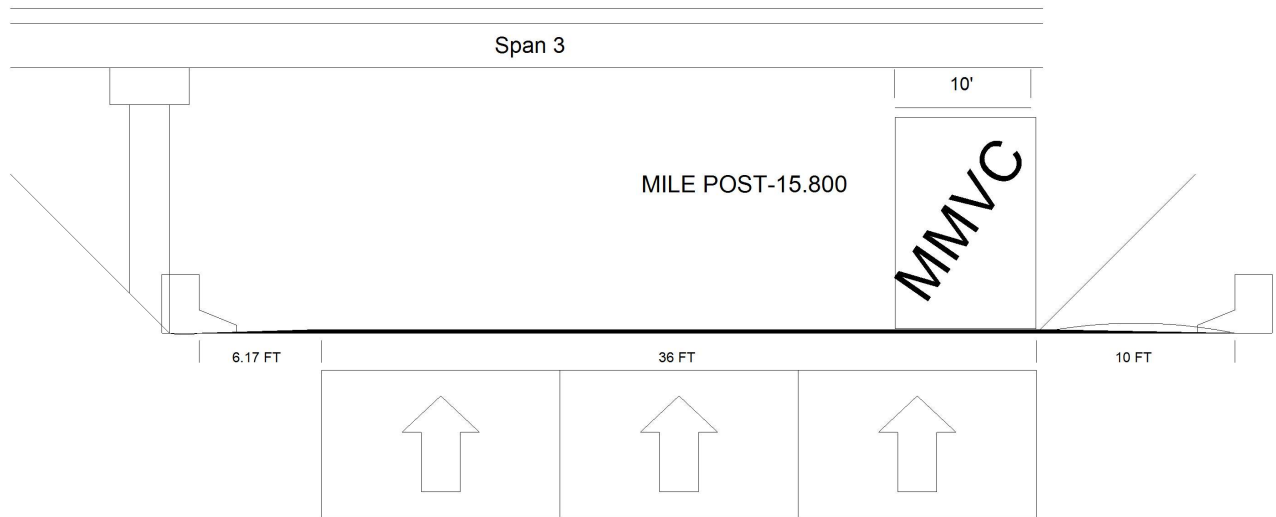
File Name: S0286000135

Bridge Inspection Field Sketch

DELETE SKETCH

| Title | Description |
|---------------------------|---------------------------|
| SOUTHBOUND UNDERCLEARANCE | SOUTHBOUND UNDERCLEARANCE |
| Bridge No: 350118 | Drawn By: SJP |
| Date: 09/12/2006 | File Name: S0286000164 |

Bridge Inspection Field Sketch



| | | | |
|--------------------------------|--|------------------------|--------|
| Roadway 1 | | Direction of Traffic | North |
| Distance to Left Rail | 6.17FT | Distance to Right Rail | 10FT |
| Distance to Left Toe of Slope | | Distance to Left Bent | 7.67FT |
| Distance to Right Toe of Slope | | Distance to Right Bent | 11.5FT |
| MMVC | 17.08 Ft at Beam 7, 0 FT from RIGHT EDGE OF PAVEMENT | | |
| MVC | 16.58 Ft at Beam 7, 12 FT from LEFT EDGE OF PAVEMENT | | |

VERIFIED BY ERIC PATTERSON ON 10-8-2014

Title

CLEARANCE - SPAN 3

Description

CLEARANCE FOR SPAN 3

Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

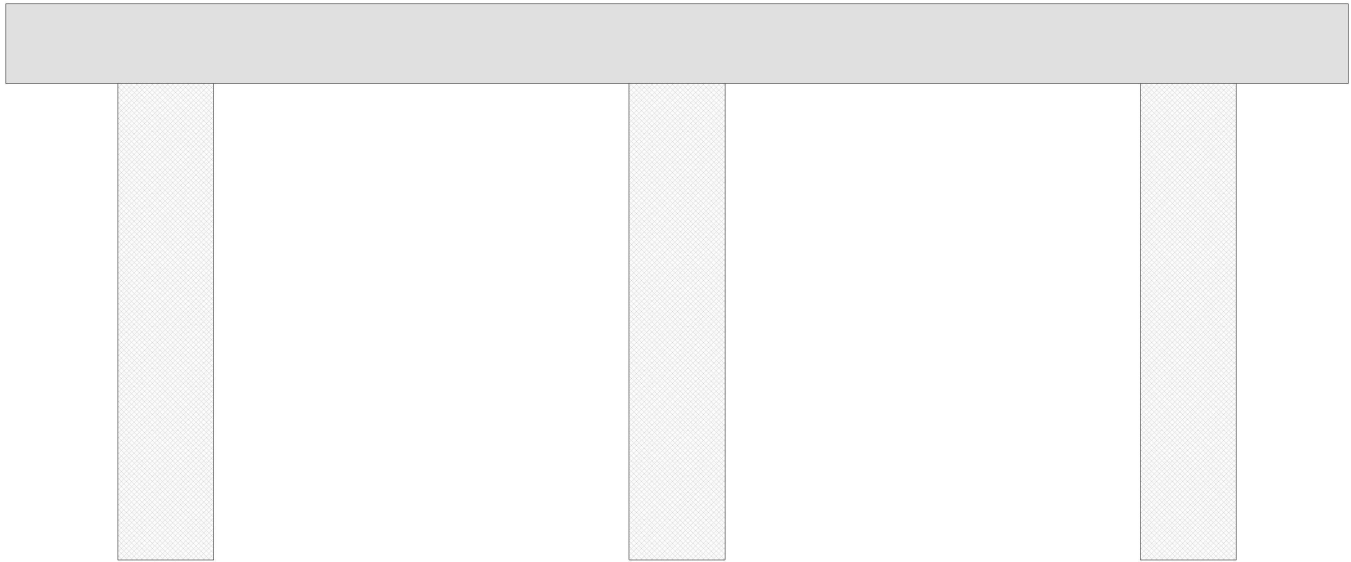
File Name: S0286000136

Bridge Inspection Field Sketch

DELETE SKETCH

| Title | Description |
|---------------------------|---------------------------|
| NORTHBOUND UNDERCLEARANCE | NORTHBOUND UNDERCLEARANCE |
| Bridge No: 350118 | Drawn By: SJP |
| Date: 09/12/2006 | File Name: S0286000165 |

Bridge Inspection Field Sketch



| Cap Information | | | Material Cast-in-Place Concrete | | | | | | | |
|---|-----------|-----------|--|----------------|--------------------------|---------------------------|---------|--------------|----------|---------|
| Length | Width | Height | Left Overhang | Right Overhang | Left Beam to End of Cap. | Right Beam to End of Cap. | | | | |
| 42.000 ft. | 3.000 ft. | 2.500 ft. | 5.000 ft. | 5.000 ft. | 1.833 ft. | 1.833 ft. | | | | |
| Subcap Information | | | Material | | | | | | | |
| Length | Width | Height | Left Overhang | Right Overhang | Left Pile to Splice. | | | | | |
| | | | | | | | | | | |
| Sill Information | | | Material | | | | | | | |
| Length | Width | Height | | | | | | | | |
| | | | | | | | | | | |
| Pile # | Material | Spacing | Width/Dia. | Height | Length | Orientation | Driven? | Replacement? | Removed? | Collar? |
| 1 | Concrete | 16.0 ft. | 3.0 ft. | 2.5 ft. | | Vertical | No | No | No | No |
| 2 | Concrete | 16.0 ft. | 3.0 ft. | 2.5 ft. | | Vertical | No | No | No | No |
| 3 | Concrete | | 3.0 ft. | 2.5 ft. | | Vertical | No | No | No | No |
| <p>VERIFIED BY ERIC PATTERSON ON 10-8-2014</p> | | | | | | | | | | |
| Bent/Abutment #: 1 | | | Similar Bents: 2 AND 3 | | | | | | | |

| | | | | | | | | |
|--------------------------|--|-------------------------------|--|--------------------|-----------------------|--|-------------------------------|--|
| Title | | | | Description | | | | |
| SUBSTRUCTURE | | | | DETAILS | | | | |
| Bridge No: 350118 | | Drawn By: DEREK RICKUS | | | Date: 9/6/2012 | | File Name: S0142001883 | |