

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

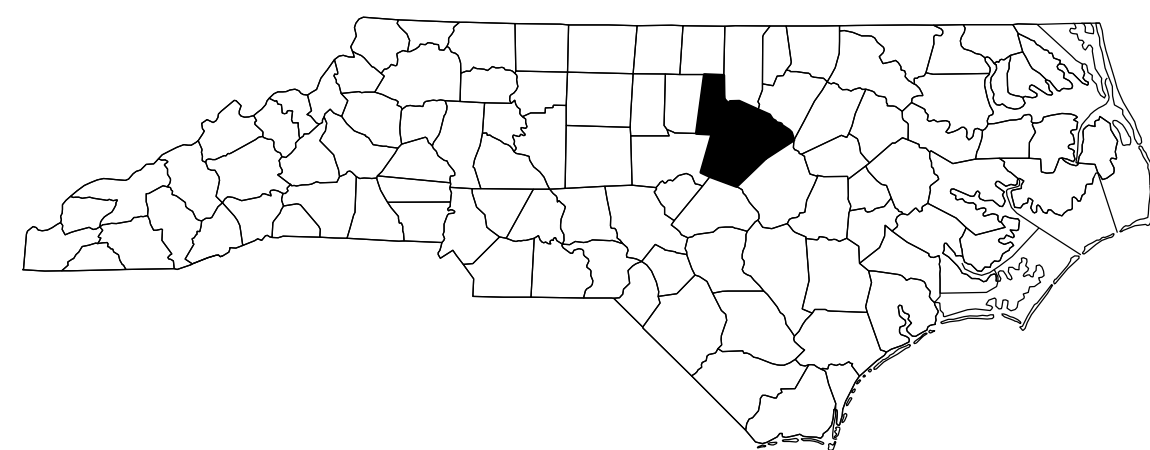
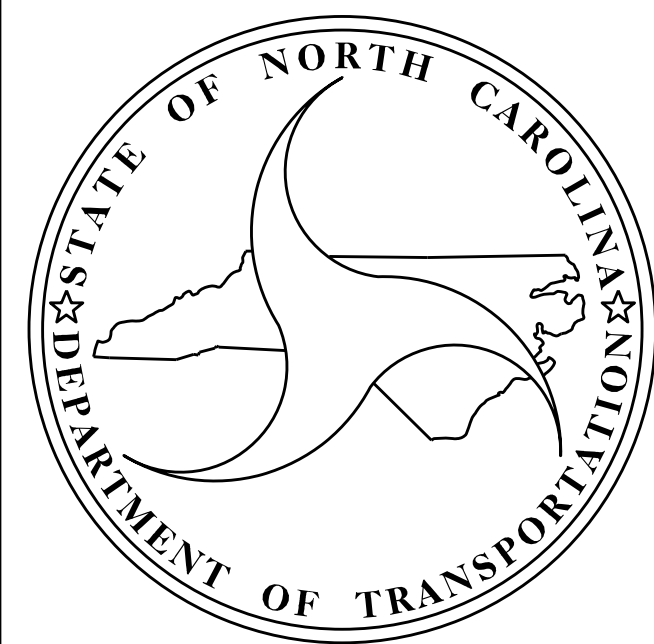
**DURHAM & WAKE COUNTIES**

|                 |                             |             |              |
|-----------------|-----------------------------|-------------|--------------|
| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
| N.C.            | 15BPR.59                    | 1A          | 73           |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
| 15BPR.59        |                             | P.E.        |              |
| 15BPR.59        | —                           | CONST.      |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |

**LOCATION:** BRIDGE #310306 ON SR 1118 (FAYETTEVILLE RD.) OVER I-40  
 BRIDGE #911039 ON SR 2517 (ROGERS LN.) OVER I-87/US64/US264, CRABTREE CREEK AND NS RAILROAD  
 BRIDGE #911083 ON NC-98 OVER US-1 (CAPITAL BLVD.)  
 BRIDGE #911084 ON NC-98 OVER RICHLAND CREEK

**INDEX OF STRUCTURES SHEETS**

| <u>SHEET No.</u>     | <u>DESCRIPTION</u>                  | <u>SHEET No.</u>     | <u>DESCRIPTION</u>                  | <u>SHEET No.</u>     | <u>DESCRIPTION</u>                |
|----------------------|-------------------------------------|----------------------|-------------------------------------|----------------------|-----------------------------------|
| 1                    | TITLE SHEET                         | S2-06                | EXPANSION JOINT SEAL REPAIR SHEET 1 | STRUCTURE No. 911084 |                                   |
| 1A                   | INDEX OF SHEETS                     | S2-07                | EXPANSION JOINT SEAL REPAIR SHEET 2 | S4-01                | GENERAL DRAWING                   |
| S-01                 | LOCATION SKETCHES                   | S2-08                | MODULAR EXPANSION JOINT REPAIR      | S4-02                | TYPICAL SECTION                   |
| S-02                 | TOTAL BILL OF MATERIALS             | S2-09                | 3 BAR METAL RAIL REPAIR SHEET 1     | S4-03                | DECK SURFACE REPAIR - SPAN A      |
| STRUCTURE No. 310306 |                                     | S2-10                | 3 BAR METAL RAIL REPAIR SHEET 2     | S4-04                | DECK SURFACE REPAIR - SPAN B      |
| S1-01                | GENERAL DRAWING                     | S2-11                | 3 BAR METAL RAIL REPAIR SHEET 3     | S4-05                | DECK SURFACE REPAIR - SPAN C      |
| S1-02                | TYPICAL SECTION                     | S2-12                | DECK UNDERSIDE REPAIR - SPAN A      | S4-06                | DECK SURFACE REPAIR - SPAN D      |
| S1-03                | DECK SURFACE REPAIR - SPAN A        | S2-13                | DECK UNDERSIDE REPAIR - SPAN B      | S4-07                | FOAM JOINT REPAIR                 |
| S1-04                | DECK SURFACE REPAIR - SPAN B        | S2-14                | DECK UNDERSIDE REPAIR - SPAN C      | S4-08                | DECK UNDERSIDE REPAIR - SPAN A    |
| S1-05                | FOAM JOINT REPAIR                   | S2-15                | END BENT 1                          | S4-09                | DECK UNDERSIDE REPAIR - SPAN B    |
| S1-06                | EXPANSION JOINT SEAL REPAIR         | S2-16                | BENT 1                              | S4-10                | DECK UNDERSIDE REPAIR - SPAN C    |
| S1-07                | EXPANSION JOINT SEAL REPAIR SHEET 2 | S2-17                | BENT 2                              | S4-11                | DECK UNDERSIDE REPAIR - SPAN D    |
| S1-08                | EXPANSION JOINT SEAL REPAIR SHEET 3 | S2-18                | END BENT 2                          | S4-12                | END BENT 1                        |
| S1-09                | CONCRETE BARRIER RAIL REPAIR        | STRUCTURE No. 911083 |                                     | S4-13                | BENT 1 - SPAN A FACE              |
| S1-10                | DECK UNDERSIDE REPAIR               | S3-01                | GENERAL DRAWING                     | S4-14                | BENT 1 - SPAN B FACE              |
| S1-11                | END BENT 1                          | S3-02                | TYPICAL SECTION                     | S4-15                | BENT 2 - SPAN B FACE              |
| S1-12                | BENT 1 - SPAN A FACE                | S3-03                | DECK SURFACE REPAIR - SPAN A        | S4-16                | BENT 2 - SPAN C FACE              |
| S1-13                | BENT 1 - SPAN B FACE                | S3-04                | DECK SURFACE REPAIR - SPAN B        | S4-17                | BENT 3 - SPAN C FACE              |
| S1-14                | END BENT 2                          | S3-05                | FOAM JOINT REPAIR                   | S4-18                | BENT 3 - SPAN D FACE              |
| S1-15                | INCIDENTAL MILLING                  | S3-06                | CONCRETE BARRIER RAIL REPAIR        | S4-19                | END BENT 2                        |
| STRUCTURE No. 911039 |                                     | S3-07                | DECK UNDERSIDE REPAIR               | S4-20                | SLOPE PROTECTION REPAIR           |
| S2-01                | GENERAL DRAWING                     | S3-08                | END BENT 1                          | S4-21                | INCIDENTAL MILLING                |
| S2-02                | TYPICAL SECTION                     | S3-09                | BENT 1 - SPAN A FACE                | STANDARD SHEETS      |                                   |
| S2-03                | DECK SURFACE REPAIR - SPAN A        | S3-10                | BENT 1 - SPAN B FACE                | S-03                 | CAP AND COLUMN REPAIR DETAILS     |
| S2-04                | DECK SURFACE REPAIR - SPAN B        | S3-11                | END BENT 2                          | S-04                 | PRESTRESSED GIRDER REPAIR DETAILS |
| S2-05                | DECK SURFACE REPAIR - SPAN C        | S3-12                | INCIDENTAL MILLING                  | SN                   | STANDARD NOTES                    |



**TYPE OF WORK:**  
 BRIDGE PRESERVATION - MILLING AND REPAVING APPROACH ROADWAYS, DIAMOND GRINDING APPROACH SLAB, SHOTBLASTING AND SILANE DECK TREATMENT, FOAM JOINT REPLACEMENT, EXPANSION JOINT GLAND REPLACEMENT, MODULAR EXPANSION JOINT GLAND REPLACEMENT, SHOTBLASTING AND SILANE BARRIER RAIL TREATMENT, SAW CUTTING OF BARRIER RAIL, 3-BAR METAL RAIL SECTION REPLACEMENTS, CONCRETE MEDIAN ISLAND REPAIR, CLEANING AND PAINTING EXISTING STRUCTURE, CLEANING AND PAINTING EXISTING WEATHERING STEEL, CLEANING AND EPOXY COATING PRESTRESSED GIRDER ENDS, SHOTCRETE REPAIRS, CLEANING AND EPOXY COATING SUBSTRUCTURE CAPS, SLOPE PROTECTION VOID FILLING AND REPAIR.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 STRUCTURES MANAGEMENT UNIT  
 1000 BIRCH RIDGE DR.  
 RALEIGH, N.C. 27610