


**T.I.P.: R-2501C**

**CONTRACT: C203615**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
RICHMOND COUNTY**

**LOCATION: US 1 FROM NORTH OF SR 1606 (FOX ROAD) TO  
SOUTH SR 1001 (MARSTON ROAD)**

|   |                     |
|---|---------------------|
| TIP NO.<br>R-2501C  | SHEET NO.<br>SIGN-1 |
| APPROVED: <u>Andrew D. Klinksieck</u><br><small>DocuSigned by:<br/>E3D78F8459E44B</small> |                     |
| DATE: 2/5/2018  |                     |
|        |                     |
| <b>DOCUMENT NOT CONSIDERED FINAL<br/>UNLESS ALL SIGNATURES COMPLETED</b>                  |                     |

**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD. NO. | TITLE  |
|----------|--|
| 901.20   | TYPE 'B' SIGNS   |
| 901.50   | ARROWS AND SHIELDS   |
| 901.70   | SIGN STRINGERS AND SUPPORT SPACING                           |
| 901.80   | SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS          |
| 903.10   | GROUND MOUNTED SIGN SUPPORTS                                 |
| 904.10   | ORIENTATION OF GROUND MOUNTED SIGNS                          |
| 904.50   | MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS |
| 910.30   | SIGNING SIGNALIZED AND UNSIGNALIZED SUPERSTREET              |

**PAY ITEM NOTES**

- 1 SIGN ERECTION, TYPE D, E OR F
- 2 SIGN ERECTION, TYPE B (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)
- 4 SIGN ERECTION, RELOCATE SIGN TYPE F (GROUND MOUNTED)
- 5 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 6 DISPOSAL OF SUPPORT, U-CHANNEL
- 7 DISPOSAL OF SIGN, D, E OR F
- 8 DISPOSAL OF SIGN SYSTEM ON SPAN WIRE

**GENERAL NOTES**

- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . SIGNS FURNISHED BY STATE.
- . ALL PROPOSED SIGNS SEE PAY ITEM NOTE 1 UNLESS OTHERWISE NOTED.
- . ALL TYPE D SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL TYPE E AND F SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE ROADWAY PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E AND F SIGNS SHALL BE GRADE C REFLECTIVE SHEETING UNLESS OTHERWISE NOTED.
- . DO NOT BEGIN FABRICATION FOR TYPE A AND B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**SUMMARY OF QUANTITIES**

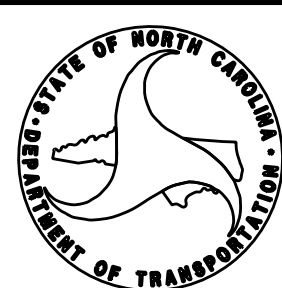
| ITEM NO.   |           | ITEM DESCRIPTION                       | QUANTITY | UNIT |
|------------|-----------|--|----------|------|
| DESC. NO.  | SECT. NO. |  |          |      |
| 4054000000 | 902       | PLAIN CONCRETE SIGN FOUNDATION         | 1        | C.Y. |
| 4060000000 | 903       | SUPPORTS, BREAKAWAY STEEL BEAM         | 352      | LB.  |
| 4072000000 | 903       | SUPPORTS, 3 LB STEEL U-CHANNEL         | 1511     | L.F. |
| 4096000000 | 904       | SIGN ERECTION, TYPE D                  | 3        | EA.  |
| 4102000000 | 904       | SIGN ERECTION, TYPE E                  | 57       | EA.  |
| 4108000000 | 904       | SIGN ERECTION, TYPE F                  | 24       | EA.  |
| 4110000000 | 904       | SIGN ERECTION, TYPE B (GROUND MOUNTED) | 2        | EA.  |
| 4116100000 | 904       | SIGN ERECTION, RELOCATE SIGN TYPE E    | 3        | EA.  |
| 4116100000 | 904       | SIGN ERECTION, RELOCATE SIGN TYPE F    | 12       | EA.  |
| 4155000000 | 907       | DISPOSAL OF SIGN SYSTEM, U-CHANNEL     | 81       | EA.  |
| 4192000000 | 907       | DISPOSAL OF SUPPORT, U-CHANNEL         | 8        | EA.  |
| 4238000000 | 907       | DISPOSAL OF SIGN, D, E OR F            | 6        | EA.  |
| 4360000000 | SP        | DISPOSAL OF SIGN SYSTEM ON SPAN WIRE   | 1        | EA.  |

**INDEX**

| SHEET NO. | DESCRIPTION                      |
|-----------|----------------------------------|
| SIGN-1    | TITLE SHEET                      |
| SIGN-2    | SUPPORT INFORMATION              |
| SIGN-3-3C | SIGN DESIGNS, TYPE E AND F SIGNS |
| SIGN-4-11 | SIGNING PLAN SHEETS              |

**PLANS SUBMITTED TO:**

AYMAN ALQUDWAH, PE SIGNING & DELINEATION EASTERN REGIONAL ENGINEER  
STACEY JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER



**PLANS PREPARED BY: HNTB NORTH CAROLINA, P.C.**

C.A. JOHNSON, III, PE SIGNING PROJECT MANAGER  
A.D. KLINSIEK, PE, PTOE SIGNING PROJECT ENGINEER  
J.T. THIBAUT, EI SIGNING DESIGN ENGINEER



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