


T.I.P.: U-4405

CONTRACT: C204107

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
CUMBERLAND COUNTY**

**LOCATION: US 401 (RAEFORD ROAD) FROM SOUTH RAEFORD ROAD / BENTRIDGE LANE  
TO EAST OF FAIRWAY DRIVE IN FAYETTEVILLE**

TIP NO. U-4405	SHEET NO. SIGN-1
Designed by: <u>Betsy L. Watson</u> APPROVED: _____ DATE: 4/19/2018	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**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
901.10	TYPE 'A' 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

**GENERAL NOTES**

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . 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 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE 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 & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . DO NOT BEGIN FABRICATION FOR TYPES A & 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**

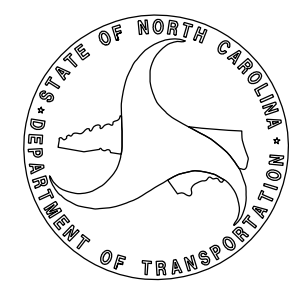
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION .....	2 C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION .....	1 C.Y.
4057000000	SP	OVERHEAD FOOTING .....	18 C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM .....	2196 LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL .....	6650 L.F.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -RPB- STA. 12+74 .....	1 L.S.
4096000000	904	SIGN ERECTION, TYPE D .....	7 EA.
4102000000	904	SIGN ERECTION, TYPE E .....	469 EA.
4108000000	904	SIGN ERECTION, TYPE F .....	44 EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD) .....	4 EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED) .....	4 EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED) .....	69 EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM .....	2 EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL .....	279 EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL .....	69 EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD) .....	5 EA.
4360000000	SP	DISPOSAL OF SIGN SYSTEM ON SPANWIRE .....	2 EA.

**INDEX**

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3A-3D	E AND F SHEETS
SIGN-4A-4F	OVERHEAD DETAILS AND SIGN DESIGNS
SIGN-5-33	SIGNING PLAN SHEETS

PLAN PREPARED FOR THE N.C.D.O.T. SIGNING AND DELINEATION UNIT

*Ayman Alqudwah, PE* SIGNING & DELINEATION REGIONAL ENGINEER  
*Stacy Johns* SIGNING & DELINEATION DESIGN ENGINEER



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