


T.I.P.: I-5714/U-5114

CONTRACT: C204104

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
MECKLENBURG COUNTY**

**LOCATION: I-77 AT SR 2136 (GILEAD RD) INTERCHANGE;
US 21 (STATESVILLE RD) AND SR 2136 (GILEAD RD)**

<small>TIP NO.</small> I-5714/U-5114	<small>SHEET NO.</small> SIGN-1
<small>DocuSigned by:</small> APPROVED: <u>Charles A. Johnson, III</u> <small>50A1568B47F5A66</small>	
<small>DATE:</small> 4/23/2018	
	
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:

<u>STD. NO.</u>	<u>TITLE</u>
901.10	TYPE 'A' SIGNS
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
903.30	BARRIER SIGN SUPPORT ASSEMBLY
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
1264.01	OBJECT MARKERS TYPES
1264.02	OBJECT MARKERS INSTALLATION

PAY ITEM NOTES

- 1 SIGN ERECTION, TYPE D, E, OR F
- 2 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 3 SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
- 4 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 5 SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)
- 6 SIGN ERECTION, RELOCATE SIGN TYPE F (GROUND MOUNTED)
- 7 DISPOSAL OF SUPPORT, STEEL BEAM
- 8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 9 DISPOSAL OF SUPPORT, U-CHANNEL
- 10 STOCKPILE SIGN, D, E OR F
- 11 SUPPORTS, BARRIER MOUNTED (SMALL)
- 12 OBJECT MARKERS (END OF ROAD)

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	2	C.Y.
4057000000	SP	OVERHEAD FOOTING	197	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	2832	L.B.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	2951.9	L.F.
4079000000	903	SUPPORTS, BARRIER (SMALL)	2	EA.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'A' AT -Y- STA. 20+50	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'B' AT -Y- STA. 24+50	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'C' AT -RPB- STA. 14+50 LT	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'D' AT -RPD- STA. 25+00	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'E' AT -Y- STA. 29+50 LT	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'F' AT -Y- STA. 32+75 LT	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'G' AT -Y- STA. 34+00	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'H' AT -L- STA. 47+50 LT	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'I' AT -L- STA. 52+20	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE 'J' AT -L- STA. 43+00	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	3	EA.
4102000000	904	SIGN ERECTION, TYPE E	195	EA.
4108000000	904	SIGN ERECTION, TYPE F	14	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	6	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)	3	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE F (GROUND MOUNTED)	3	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	16	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	117	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	11	EA.
4237000000	907	STOCKPILE SIGN, D, E OR F	1	EA.
4915000000	1264	7' U-CHANNEL POSTS	3	EA.
4955000000	1264	OBJECT MARKERS (END OF ROAD)	3	EA.

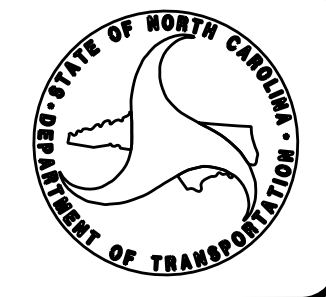
PROJECT NOTES

A. REMOVE EXISTING LOGO TRAILBLAZER ASSEMBLY. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, SECTION 907-2 (D), FOR STOCKPILE INSTRUCTIONS. WORK SHALL BE PAID FOR AS STOCKPILE SIGN, D, E OR F, (SEE PAY ITEM NOTE 10). DISPOSE OF U-CHANNEL SUPPORTS (SEE PAY ITEM NOTE 9).

GENERAL NOTES


- . SIGNS FURNISHED BY STATE.
- . ALL PROPOSED SIGNS SEE PAY ITEM NOTE 1 UNLESS OTHERWISE NOTED.
- . 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 TYPE 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 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.

PLANS REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT	
KELVIN JORDAN	SIGNING & DELINEATION WESTERN REGIONAL ENGINEER
JOSE MARTINEZ, EI	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



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

<u>C.A. JOHNSON, III, PE</u>	SIGNING PROJECT MANAGER
<u>K.L. BECKER, PE</u>	SIGNING PROJECT ENGINEER
<u>T.R. TERRELL</u>	SIGNING DESIGN SENIOR TECHNICIAN



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<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3-3I	OVERHEAD STRUCTURE LINE DRAWINGS
SIGN-4-4I	SIGN DESIGNS AND TYPE E AND F SHEETS
SIGN-5-26	SIGNING PLAN SHEETS