

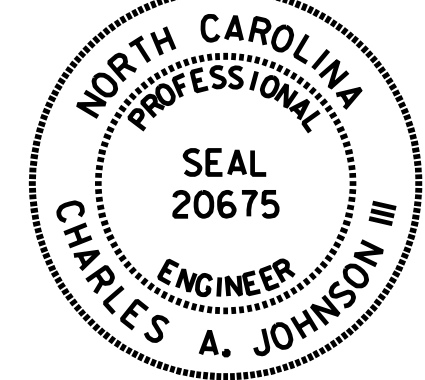
T.I.P.: R-2707F

CONTRACT: C203845

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
CLEVELAND COUNTY**

**LOCATION: US 74 (SHELBY BYPASS) FROM EAST OF SR 1162 (PEACHTREE RD)
TO EAST OF NC 226**

TIP NO. R-2707F	SHEET NO. SIGN-1
APPROVED: <u>Charles A. Johnson, III</u> <small>DocuSigned by: Charles A. Johnson, III 50A15550A7F544E</small>	
DATE: 11/29/2017	
	
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
901.20	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
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PAY ITEM NOTES

- 1 SIGN ERECTION, TYPE D, E AND F
- 2 SIGN ERECTION, TYPE A (OVERHEAD)
- 3 SIGN ERECTION, TYPE B (OVERHEAD)
- 4 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE B (GROUND MOUNTED)
- 6 SIGN ERECTION, MILEMARKERS
- 7 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 8 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 9 SIGN ERECTION, RELOCATE, TYPE F
- 10 SIGN ERECTION, RELOCATE, TYPE MILEMARKER (GROUND MOUNTED)
- 11 DISPOSAL OF SUPPORT, U-CHANNEL

SUMMARY OF QUANTITIES

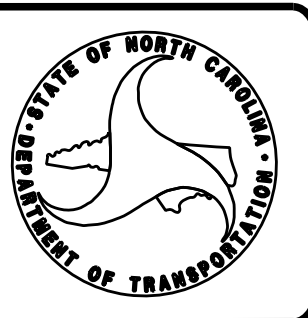
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN	3156 S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE B SIGN	419 S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	169 S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	1040 S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	61 S.F.
4025000000	901	CONTRACTOR FURNISHED, MILEMARKERS SIGN	48 S.F.
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	22 C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	2 C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	11855 LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	9349 LB.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	3365 L.F.
4078000000	903	SUPPORTS, 2-LB STEEL U-CHANNEL	12 EA.
4096000000	904	SIGN ERECTION, TYPE D	19 EA.
4102000000	904	SIGN ERECTION, TYPE E	105 EA.
4108000000	904	SIGN ERECTION, TYPE F	7 EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	8 EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	2 EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	23 EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	15 EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	12 EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE F	1 EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE MILEMARKER (GROUND MOUNTED)	2 EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3 EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	3 EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	1 EA.

GENERAL NOTES

- . SIGNS FURNISHED BY CONTRACTOR.
- . ALL PROPOSED SIGNS SEE PAY ITEM NOTE 1 UNLESS OTHERWISE NOTED.
- . NOTIFY THE RESIDENT ENGINEER IN WRITING AT LEAST 4 MONTHS IN ADVANCE OF THE ACTUAL DATE THE CONTRACTOR 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.
- . 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.
- . DO NOT BEGIN FABRICATION FOR TYPES 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.
- . RETAIN ALL EXISTING SIGNS UNLESS OTHERWISE NOTED.

PLANS REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN SIGNING & DELINEATION WESTERN REGIONAL ENGINEER
BOBBY NAVARRETE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLANS PREPARED BY :

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C.A. JOHNSON, III, PE SIGNING PROJECT ENGINEER
A.D. KLINKSIEK, PE, PTOE SIGNING DESIGN ENGINEER
T.R. TERRELL SIGNING DESIGN TECHNICIAN

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	KEY SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3-3C	OVERHEAD SIGN STRUCTURES
SIGN-4-4L	SIGN DESIGNS, TYPE E, TYPE F AND MILEMARKER SHEETS
SIGN-5-21	SIGNING PLAN SHEETS