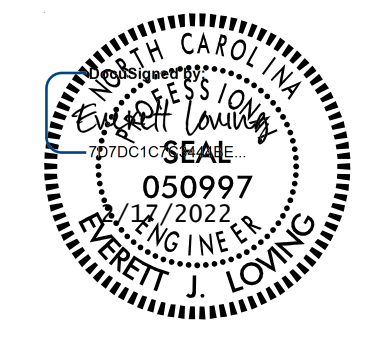


# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PROJECT REFERENCE NO. <i>1-5973</i>	SHEET NO. <i>SIGN-1</i>
R/W SHEET NO.	
ROADWAY ENGINEER	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

# SIGNING PLAN MECKLENBURG COUNTY

**LOCATION: NC 16 (BROOKSHIRE BLVD) AND NORTHERN I-485 INTERCHANGE**

REVISIONS

### ROADWAY STANDARD DRAWINGS

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 - WELDED STUD CONSTRUCTION
901.20	TYPE 'B' SIGNS - WELDED STUD CONSTRUCTION
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS
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 CONTRACTOR.
- 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.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION, SIGNING, OR PAVEMENT MARKING. SEE TRAFFIC MANAGEMENT PLANS.


### SUMMARY OF QUANTITIES

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED TYPE 'A' SIGN.....	32.5	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'D' SIGN.....	28	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'E' SIGN.....	62	SF
4025000000	901		CONTRACTOR FURNISHED TYPE 'F' SIGN.....	74	SF
4048000000	902		REINFORCED CONCRETE SIGN FOUNDATIONS.....	1	CY
4054000000	902		PLAIN CONCRETE SIGN FOUNDATIONS.....	1	CY
4060000000	903		SUPPORTS, BREAKAWAY STEEL BEAM.....	1447	LB
4072000000	903		SUPPORTS, 3-LB STEEL U-CHANNEL.....	590	LF
4096000000	904		SIGN ERECTION, TYPE D.....	1	EA
4102000000	904		SIGN ERECTION, TYPE E.....	11	EA
4108000000	904		SIGN ERECTION, TYPE F.....	12	EA
4110000000	904		SIGN ERECTION, TYPE A (GROUND MOUNTED).....	1	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'A' (GROUND MOUNTED).....	3	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'E' (GROUND MOUNTED).....	19	EA
4116100000	904		SIGN ERECTION, RELOCATE TYPE 'F' (GROUND MOUNTED).....	2	EA
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 19+90 RT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 21+07 LT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 30+40 LT.....	1	LS
4082100000	906		SUPPORTS, OVERHEAD SIGN STRUCTURE AT -LRPA- STA 23+00 RT.....	1	LS
4143000000	907		DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE.....	1	EA
4148000000	907		DISPOSAL OF SIGN SYSTEM, OVERHEAD STRUCTURE.....	1	EA
4155000000	907		DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	6	EA
4192000000	907		DISPOSAL OF SUPPORT, U-CHANNEL.....	28	EA
4228000000	907		STOCKPILE SIGN, A OR B (OVERHEAD).....	2	EA

### INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE 'A' AND 'B' GROUND MOUNTED SIGNS
SIGN-3A - SIGN-3D	OVERHEAD SIGN ASSEMBLIES
SIGN-4A - SIGN-4B	SIGN DESIGNS
SIGN-5	TYPE 'E' & 'F' SIGNS
SIGN-6 - SIGN-9	SIGNING PLAN SHEETS

PLAN PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC:

<u>EVERETT LOVING, P.E.</u> SENIOR TRANSPORTATION ENGINEER	
<u>JACK CRINO, EIT</u> TRANSPORTATION DESIGNER	

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10/13/2021