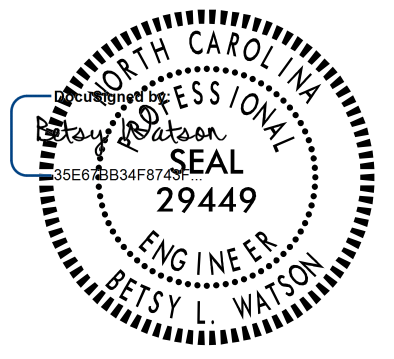


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
GUILFORD COUNTY

LOCATION: RAMP EXTENSIONS FROM I-40/I-85 BUSINESS TO US 29/70/220

TIP NO. U-5754	SHEET NO. SIGN-1
APPROVED: _____	
DATE: _____	
SEAL 	
1/16/2019	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T.I.P.: U-5754

CONTRACT: C204295

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
901.60	RIVET SPACING FOR OVERLAYED SIGNS
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
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION.....	1 C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION.....	1 C.Y.
4057000000	SP	OVERHEAD FOOTING.....	57 C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM.....	415 LB
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM.....	444 LB
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL.....	225 L.F.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -Y2- Sta. 12+69.....	1 LS
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -Y2- Sta. 23+61.....	1 LS
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -Y2- Sta. 49+43.....	1 LS
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -Y1RP- Sta.16+86.....	1 LS
4102000000	904	SIGN ERECTION, TYPE E.....	11 EA.
4108000000	904	SIGN ERECTION, TYPE F.....	3 EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD).....	13 EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD).....	7 EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED).....	3 EA.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD).....	7 EA.
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD.....	2 EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM.....	6 EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	11 EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD).....	15 EA.
4238000000	907	DISPOSAL OF SIGN, D, E OR F.....	1 EA.
4241000000	907	DISPOSAL OF SIGN, OVERLAY (OVERHEAD).....	3 EA.
4251000000	907	DISPOSAL OF LIGHTING SYSTEM.....	1 EA.
4263000000	907	DISPOSAL OF WALKWAY.....	4 EA.
4360000000	SP	CUTTING OF SIGN HANGERS, OVERHEAD.....	4 EA.

GENERAL NOTES

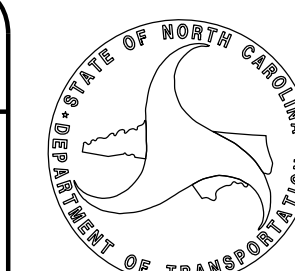
- SIGNS FURNISHED BY STATE
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE 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
- 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.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	PLAN SHEET INDEX
SIGN-2	GROUND MOUNTED SIGN SUPPORTS
SIGN-3-3C	STRUCTURE LINE DRAWINGS (EXISTING)
SIGN-3D-3G	STRUCTURE LINE DRAWINGS (PROPOSED)
SIGN-4-4F	SIGN DESIGNS & "E" & "F" SIGNS
SIGN-5-14	SIGNING PLAN SHEETS

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

Kelvin L. Jordan Signing and Delineation Regional Engineer
Ashley K. Matthews Signing and Delineation Design Engineer



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PLAN PREPARED BY: Stantec Consulting Services, Inc.

Betsy L. Watson, PE Senior Principal
Jay Woolard, PE Senior Transportation Engineer
James Hambricht Senior Transportation Technician

