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T.I.P.: I-5880

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN  
FORSYTH COUNTY

LOCATION: I-40 /NC 109 INTERCHANGE PROJECT  
IN WINSTON-SALEM, NC

TIP NO.	SHEET NO.
I - 5880	SIGN - 1
APPROVED: <div><div>Signed by:</div><div></div></div>	
DATE: 7/11/2025   10:44:22 AM EDT	
SEAL <div></div>	
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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

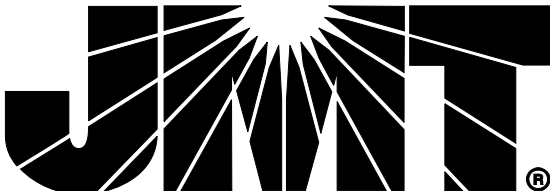
STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
902.10	FOUNDATIONS FOR GROUND MOUNTED SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS
910.40	SINGLE LANE ROUNDABOUT SIGNING, WITH PEDESTRIANS

GENERAL NOTES

- . SIGNS FURNISHED BY THE 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.

PLAN PREPARED BY: JOHNSON, MIRMIRAN, & THOMPSON, INC.

CHARLES YOUNG, PE SENIOR ENGINEER  
DANE FREDDE DESIGN ENGINEER



SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN	1614	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE B SIGN	198	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	45	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	1804	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	134	SF
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	4	CY
4054000000	902	PLAIN CONCRETE SIGN FOUNDATIONS	1	CY
4057000000	SP	OVERHEAD FOOTING	33	CY
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	4804	LB
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1112	LF
4078000000	903	SUPPORTS, 2-LB STEEL U-CHANNEL	1	EA
4196000000	904	SIGN ERECTION, TYPE D	2	EA
4102000000	904	SIGN ERECTION, TYPE E	67	EA
4108000000	904	SIGN ERECTION, TYPE F	11	EA
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	3	EA
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	1	EA
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	6	EA
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	1	EA
4114000000	904	SIGN ERECTION, MILEMARKERS	1	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)	5	EA
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA. 32+09.81	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA. 45+39.32	1	LS
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	2	EA
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	3	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	96	EA
4234000000	907	DISPOSAL OF SIGN, A (OVERHEAD)	3	EA
4234000000	907	DISPOSAL OF SIGN, B (OVERHEAD)	3	EA
4238000000	907	DISPOSAL OF SIGN, D, E, OR F	20	EA
4251000000	907	DISPOSAL OF LIGHTING SYSTEM	1	EA
4360000000	SP	SUPPORTS, OMNI-DIRECTIONAL BREAKAWAY	7	EA

INDEX

SHEET NO.	DESCRIPTION
SIGN-1-1A	TITLE SHEET, SPECIAL DETAIL
SIGN-2	SUPPORT INFORMATION
SIGN-3-3C	OVHD STRUCTURE TYPICALS
SIGN-4-4F	SIGN DESIGNS, TYPE E, TYPE F AND MILEMARKERS SHEETS
SIGN-5-10	EXISTING SIGNS
SIGN-11-16	PROPOSED SIGNS

PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

KELVIN L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER  
WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER

