

T.I.P.: HI-0018

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

LOCATION: US 74 (FUTURE I-74) FROM EAST OF US 701 BUSINESS TO WEST OF NC 214

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 POSTS

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.
- . 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-ERETION 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, SEE TRAFFIC CONTROL PLANS.
- . ALL SIGNS SHOWN ARE EXISTING AND SHALL REMAIN UNLESS OTHERWISE SPECIFIED BY PLAN NOTES.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION		QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	5.00	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1.00	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	5,844	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	530	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	5	EA.
4096000000	904	SIGN ERECTION, TYPE D	6	EA.
4102000000	904	SIGN ERECTION, TYPE E	17	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	10	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	3	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	5	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	10	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	19	EA.

PAY ITEM NOTES

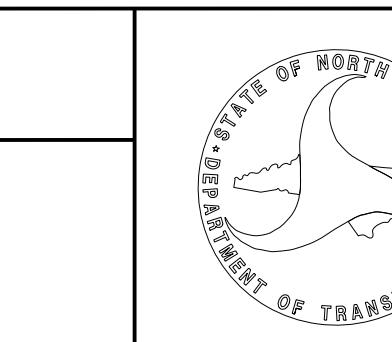
1. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3. SIGN ERECTION, TYPE A (GROUND MOUNTED)
4. SIGN ERECTION, TYPE B (GROUND MOUNTED)
5. SIGN ERECTION, TYPE D, E, AND F
6. SIGN ERECTION, MILEMARKERS

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3	E SHEET
SIGN-4-4C	SIGN DESIGNS
SIGN-5-21	SIGN DETAIL SHEETS

PLAN SUBMITTED TO:

Mitch Eaton, PE Signing and Delineation Regional Engineer
Stacey Johns Signing and Delineation Project Design Engineer



PLAN PREPARED BY: Thigpen Engineering

A. Matthew Thigpen, PE President



TIP NO.	SHEET NO.
HI-0018	SIGN-1
APPROVED: <i>Matthew Thigpen</i> 720285FD315433	
DATE: 1/8/2025	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	