

TIP PROJECT: U-5760

CONTRACT: C205012

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

FORSYTH COUNTY

LOCATION: KERNERSVILLE SOUTHERN LOOP,AT US 421 /BUSINESS 40 TO NC 66

(WEST MOUNTAIN STREET) IN KERNERSVILLE. WIDEN BIG MILL FARM

ROAD AND SR 2649 (HOPKINS ROAD) AND CONSTRUCT INTERCHANGE

AT US 421 /NC 150 /BUSINESS 40.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
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	MILEMARKER SHEETS
SIGN-5 TO SIGN-17	SIGNING PLAN SHEETS

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	776	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	114	S.F.
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	5	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATIONS	1	C.Y.
4057000000	SP	OVERHEAD FOOTING	85	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	6783	LB.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	2069	LF
4102000000	904	SIGN ERECTION, TYPE E	105	EA.
4108000000	904	SIGN ERECTION, TYPE F	8	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	18	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	16	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	11	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	2	EA.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 42+85 LT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 57+57 LT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 54+50 RT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 30+50 LT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 80+00 LT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 77+50 RT	1	LS
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 90+80 RT	1	LS
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	69	EA.
4360000000	SP	SUPPORTS, OMNI-DIRECTIONAL BREAKAWAY	16	EA.

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

KEVIN L. JORDAN	SIGNING & DELINEATION REGIONAL ENGINEER
ASHLEY MATTHEWS, PE	SIGNING & DELINEATION PROJECT DESIGN ENGINEER



GENERAL NOTES

- TYPE A AND B SIGNS FURNISHED BY STATE.
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- 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.
- ALL EXISTING SIGNS ON 'U' CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON 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-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.
- DO NOT BEGIN FABRICATION FOR TYPE 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.

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
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

PLAN PREPARED BY: Kimley-Horn and Associates

Everett Loving, PE	PROJECT DESIGN ENGINEER
Ousmane Ndiaye, PE	DESIGNER



TIP NO.

SHEET NO.

U-5760

SIGN-1

APPROVED:

EJL

DATE:

12/3/24

SEAL

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED