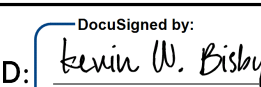


STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

CABARRUS COUNTY  
SIGNING PLAN

LOCATION: CONCORD MILLS BOULEVARD, MALL ENTRANCE

APPROVED:   
DATE: 11/15/2017



TIP PROJECT: U-5806

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 2012 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
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
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SUPPORT, U-CHANNEL
- SIGN ERECTION, RELOCATE SIGN TYPE E

GENERAL NOTES

- SIGNS FURNISHED BY DEPARTMENT
- 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 UNLESS OTHERWISE INDICATED ON THE PLAN.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL "E" AND "F" SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- RETAIN ALL EXISTING SIGNS UNLESS OTHERWISE NOTED.
- WHEN EXISTING SIGNS ARE TO BE RELOCATED, THE RELOCATION SHALL TAKE PLACE IMMEDIATELY FOLLOWING THE REMOVAL FROM THE EXISTING LOCATION.
- THE BACKGROUND FOR TYPE "E" SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- LOCATE ALL UNDERGROUND UTILITIES BEFORE BEGINNING SIGN INSTALLATION WORK.
- DO NOT BEGIN FABRICATION FOR TYPE A AND B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

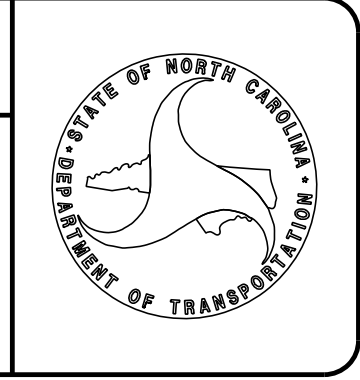
SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4057000000	SP	OVERHEAD FOOTING	71	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	216	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	300	L.F.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION 34+92	1	L.S.
4370000000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT WB CONCORD MILLS AT I-85 SB LOOP GORE	1	L.S.
4370000000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT WB BRUTON SMITH EAST OF I-85 NB RAMPS	1	L.S.
4370000000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT I-85 SB EXIT RAMP B/T LOGO SIGNS	1	L.S.
4102000000	904	SIGN ERECTION, TYPE E	24	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	11	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	23	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	3	EA.

CONTRACT:

PLAN PREPARED FOR: N.C.D.O.T. SIGNING AND DELINEATION UNIT AND DESIGN BUILD UNIT

K. L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER  
D. H. BEARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLANS PREPARED BY :  
**RK&K**  
RUMMEL, KLEPPER & KAHL, LLP  
900 RIDGEFIELD DRIVE SUITE 350  
RALEIGH, NORTH CAROLINA 27609-3960  
NC LICENSE NO. F-0112 (919) 878-9560

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 THRU SIGN-2B	SUPPORT INFORMATION, DETAILS TO BE USED IN LIEU OF ROADWAY STANDARD DRAWINGS
SIGN-3	TYPE "E" SIGNS
SIGN-4 THRU SIGN-4C	SIGN DESIGNS
SIGN-5 THRU SIGN-5C	OVERHEAD STRUCTURE LINE DRAWINGS
SIGN-6 THRU SIGN-10	SIGNING PLAN SHEETS