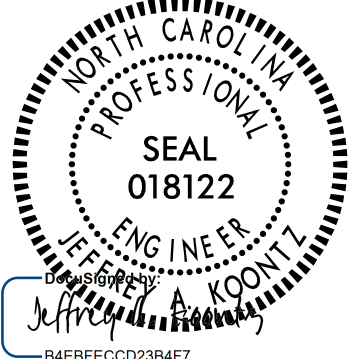


PROJECT REFERENCE NO. <b>B-4654</b>	SHEET NO. <b>SIGN-1</b>
APPROVED: _____ DATE: 1/11/2024	
SEAL 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN  
WAKE COUNTY**

**LOCATION: REPLACE BRIDGE 69 OVER US 70 ON NC 50 (BENSON ROAD)**

**T.I.P.: B-4654**

**CONTRACT: C204410**

**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:

901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
902.10	FOUNDATIONS FOR GOUND MOUNTED 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

**SUMMARY OF QUANTITIES**

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	CY
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	449	LB
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	860	LF
4096000000	904	SIGN ERECTION, TYPE D	6	EA
4102000000	904	SIGN ERECTION, TYPE E	25	EA
4108000000	904	SIGN ERECTION, TYPE F	10	EA
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	3	EA
4116100000	904	SIGN ERECTION, RELOCATE TYPE D (GROUND MOUNTED)	1	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	51	EA

**GENERAL NOTES**

- . SIGNS FURNISHED BY STATE
- . 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.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . IF GROUNDWATER IS ENCOUNTERED AT A DEPTH SHALLOWER THAN 7 FEET, THE SIGN FOUNDATION MUST BE REDESIGNED BASED UPON THE ACTUAL FIELD CONDITIONS. THE FOUNDATION DESIGN DOES NOT APPLY TO VERY SOFT OF LOOSE SOIL, MUCK, WEATHERED ROCK, OR HARD ROCK.

**PROJECT NOTES**

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  - RELOCATE SIGN, TYPE D
- ★ SIGNALIZED INTERSECTION

**INDEX**

SIGN-1	TITLE SHEET, NOTES, QUANTITY SUMMARY, STANDARD DRAWINGS
SIGN-2	SUPPORT CHART
SIGN-2A	TYPE "B" GROUND MOUNTED SIGNS
SIGN-3 THRU SIGN-4	TYPE "D" SHEETS
SIGN-5	TYPE "E" AND "F" SHEETS
SIGN-6 THRU SIGN-8	EXISTING SIGNS SHEETS
SIGN-9 THRU SIGN-11	PROPOSED SIGNS SHEETS

PLAN PREPARED BY: AECOM

JEFFREY KOONTZ, PE PROJECT ENGINEER

NICK BLUME, EI PROJECT DESIGNER



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