

T.I.P.: R-2413CA

CONTRACT:

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
ROCKINGHAM COUNTY**

**LOCATION: US-220 /FUTURE I-73 FROM NORTH OF NC-65 TO NORTH
OF SR 2338 (NEWNAM RD) INCLUDING NC-68 INTERCHANGE**

<small>TIP NO.</small> R-2413CA	<small>SHEET NO.</small> SIGN-1
<small>Designed by:</small> Charles A. Johnson, III <small>99A1565847F544E</small>	
<small>APPROVED:</small> _____	
<small>DATE:</small> 2/11/2015	
	

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 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
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 (EXCEPT 1 OF 3 WHICH IS REPLACED WITH SIGN-2A AND 2 OF 3 WHICH IS REPLACED WITH SIGN-2B IN PLANS)
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PAY ITEM NOTES

- 1 SIGN ERECTION, TYPE D, E AND F
- 2 SIGN ERECTION, TYPE A (OVERHEAD)
- 3 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 4 SIGN ERECTION, TYPE B (GROUND MOUNTED)
- 5 SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
- 6 DISPOSAL OF SUPPORT, WOOD
- 7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- 8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 9 DISPOSAL OF SIGN SYSTEM, WOOD

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.
- . RETAIN ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS 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' AND '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.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	2	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4057000000	SP	OVERHEAD FOOTING	19	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	1659	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1037	L.F.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE 'A' AT STA. -LREV_SB- 92+80	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	32	EA.
4108000000	904	SIGN ERECTION, TYPE F	9	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	2	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	3	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	1	EA.
4141000000	907	DISPOSAL OF SUPPORT, WOOD	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	15	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	3	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2B	SUPPORT INFORMATION
SIGN-3-3A	OVERHEAD STRUCTURE LINE DRAWINGS
SIGN-4-4D	SIGN DESIGNS, TYPE E AND F SHEETS
SIGN-5-11	SIGNING PLAN SHEETS

CONTACTS: N.C.D.O.T. SIGNING AND DELINEATION UNIT

RENEE ROACH, PE, CPM SIGNING & DELINEATION REGIONAL ENGINEER
SAMUEL COLEMAN, EI SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY :
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

C.A. JOHNSON, III, PE *SIGNING PROJECT ENGINEER*
A.D. KLINKSIEK, PE, PTOE *SIGNING DESIGN ENGINEER*
T.R. TERRELL *SIGNING DESIGN TECHNICIAN*