


CONTRACT: C204684 T.I.P.: B-3186 / B-5898

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
HAYWOOD COUNTY**

**LOCATION: US 23/US 74/US 19 (GREAT SMOKY MOUNTAIN HWY)
FROM WEST OF NC 209(CRABTREE RD.) TO EAST OF RUSS AVE.**

TIP NO. B-3186 / B-5898	SHEET NO. SIGN-1
APPROVED: <i>Ron King</i>	
DATE: 3/31/2022	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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 2018 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
901.30	VHB TAPE CONSTRUCTION - FOR TYPE 'A' SIGNS
901.50	ARROWS AND SHIELDS
901.60	RIVET SPACING FOR OVERLAYED SIGNS
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
903.30	BARRIER SIGN SUPPORT ASSEMBLY
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 (SHEET 2 OF 2)
910.50	SIGNING FOR SPEED REDUCTION ZONE

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.
- 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.
- 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.
- 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	10	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	1324	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	8562	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	659	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4079000000	903	SUPPORTS, BARRIER (SMALL)	3	EA.
4080000000	903	SUPPORTS, BARRIER (LARGE)	1	EA.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA 55+00 -L-	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA 66+00 -L-	1	L.S.
4082100000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA 72+50 -L-	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	26	EA.
4108000000	904	SIGN ERECTION, TYPE F	6	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	5	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	5	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	5	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	2	EA.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)	1	EA.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	2	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	5	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	30	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	4	EA.

PROJECT NOTES

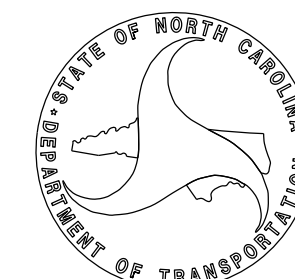
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. RELOCATE SIGN, TYPE A (GROUND MOUNTED)
4. DISPOSAL OF SUPPORT, STEEL BEAM
5. DISPOSAL OF SIGN SYSTEM, OVERHEAD
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)
7. SIGN ERECTION, OVERLAY (OVERHEAD)
8. SIGN ERECTION, OVERLAY (GROUND MOUNTED)

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2D	SUPPORT INFORMATION
SIGN-3	E, F & MILEMARKERS
SIGN-4-4L	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5-10A	SIGN DETAIL SHEETS

PLAN SUBMITTED TO:

WES JAMISON, PE DIVISION PROJECT MANAGER
GARRETT HIGDON ASSISTANT BRIDGE PROGRAM MANAGER



PLAN PREPARED BY: HDR Engineering, Inc. of the Carolinas

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