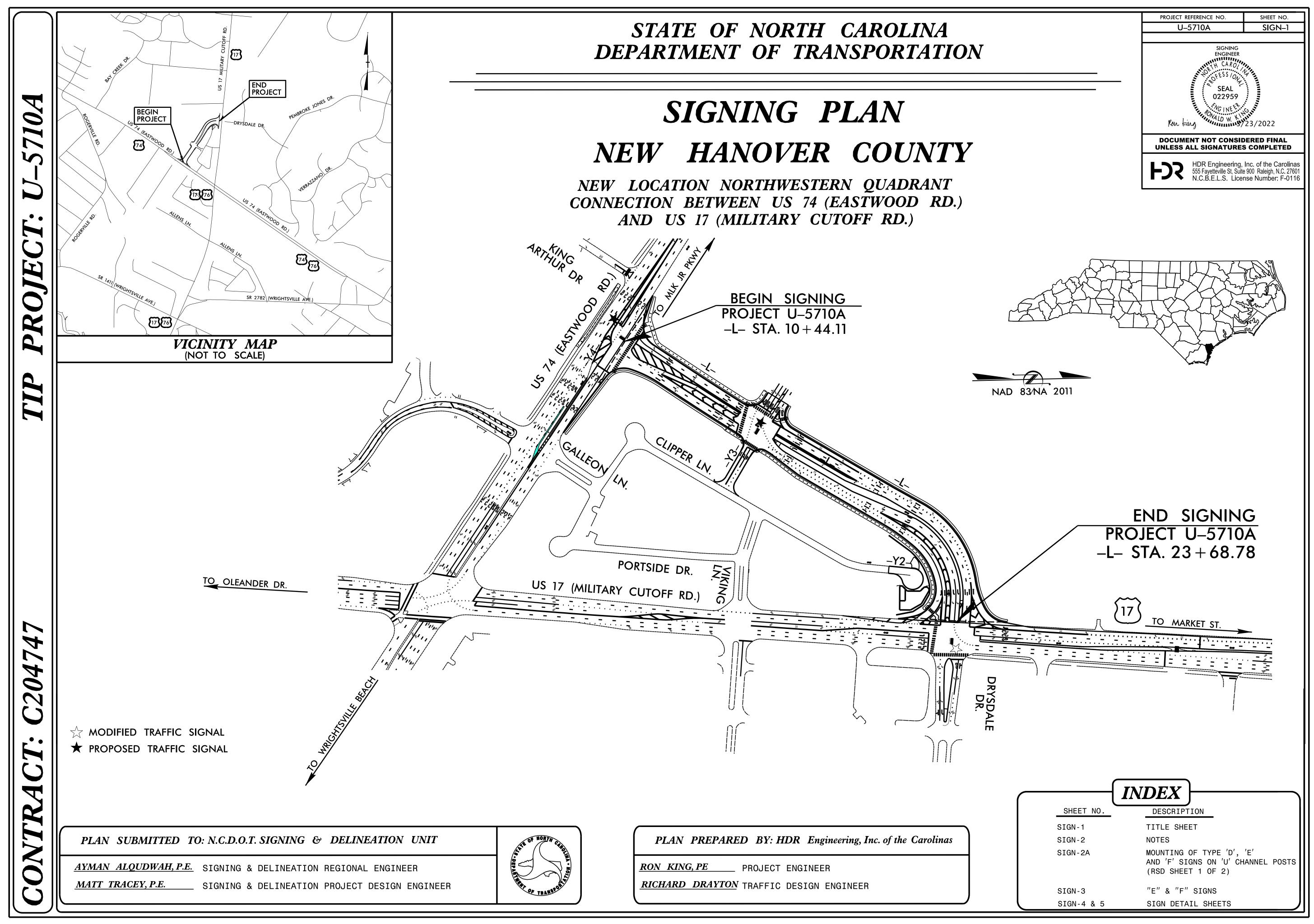
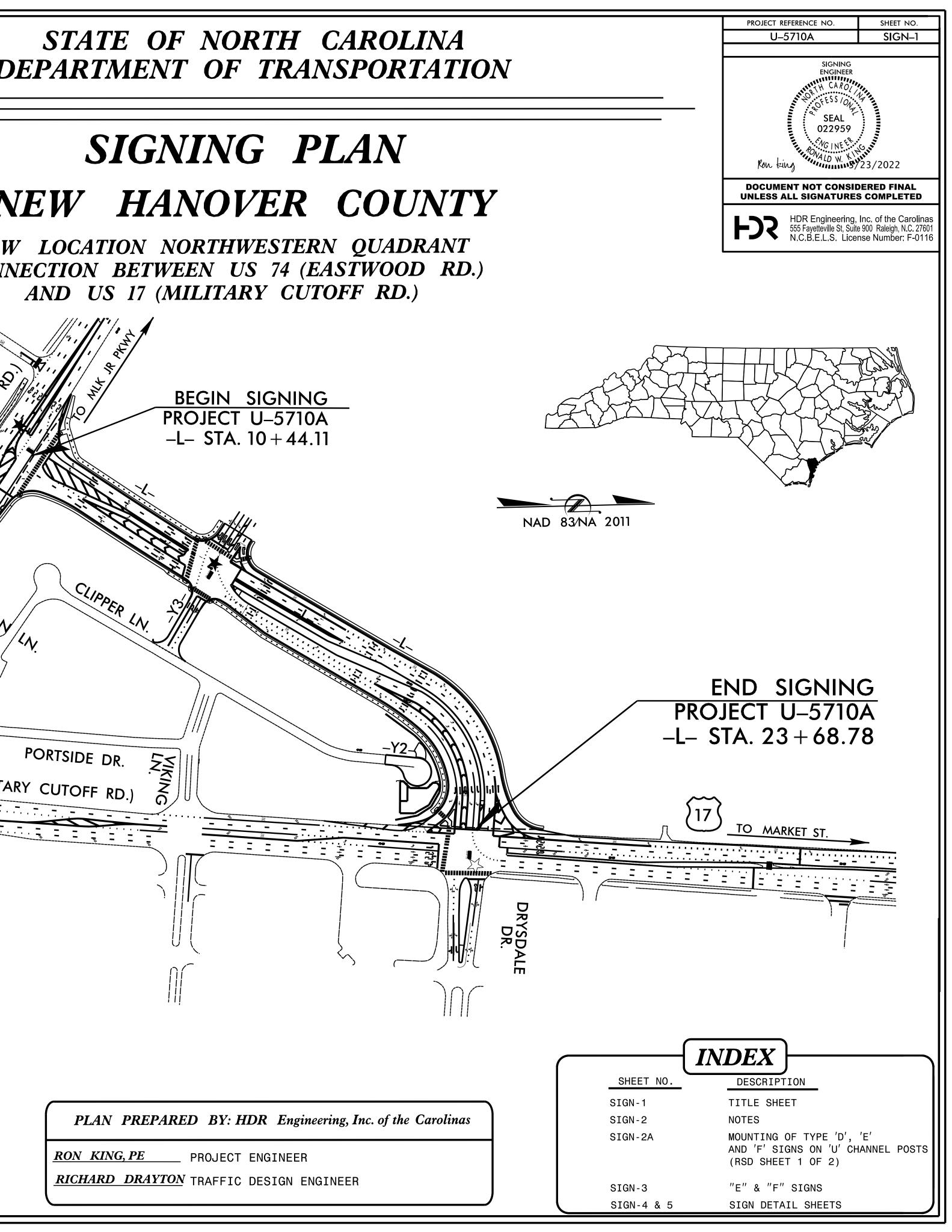
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			ROADWAY STANDA FOLLOWING ROADWAY STANDARDS AS APPEAR DEPARTMENT OF TRANSPORTATION - RALEI
		APPI	_ICABLE TO THIS PROJECT AND BY REFEREN SIDERED A PART OF THESE PLANS:
		904.10 904.50	ORIENTATION OF GROUND MOUN MOUNTING OF TYPE 'D', 'E' AN (SHEET 2 OF 2)
			SUMMARY OF Q
	ITEM N		ITEM DESCRI
407 402 402 410 410 415	DESC. NO. 72000000 25000000 25000000 2000000 5000000 50000000 - N	SECT. NO. 903 901 904 904 907 N SP	SUPPORTS, 3 LB STEEL CONTRACTOR FURNISHED SIGN ERECTION, TYPE I SIGN ERECTION, TYPE I DISPOSAL OF SIGN SYS VERTICAL PANEL TYPE

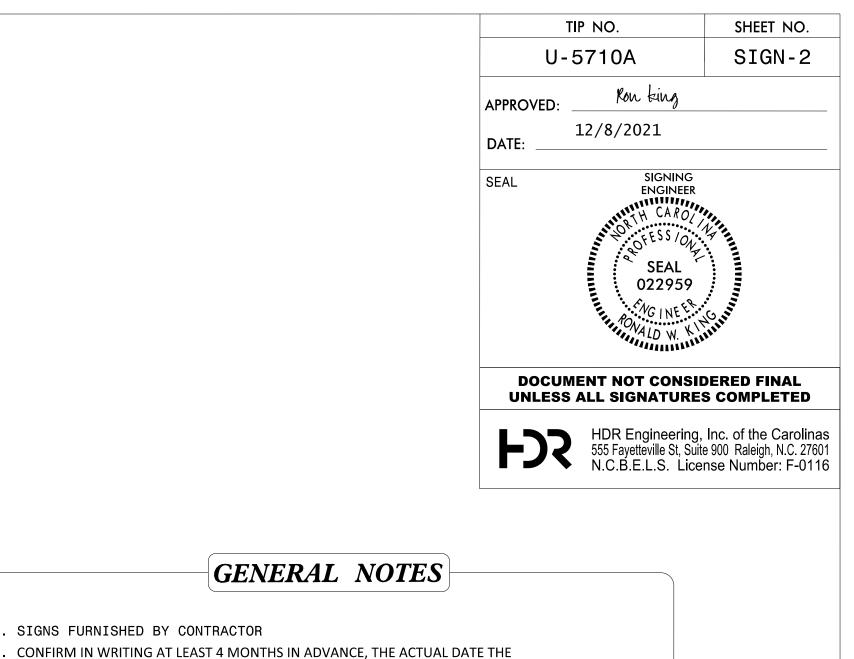
RD DRAWING

R IN "ROADWAY STANDARD DRAWINGS" -IGH, N.C., DATED JANUARY 2018 ARE NCE HEREBY ARE

NTED SIGNS ND `F' SIGNS ON `U' CHANNEL POSTS

QUANTITIES		
IPTION	QUANTITY	UNIT
L U-CHANNEL D, TYPE E SIGN D, TYPE F SIGN E F STEM, U-CHANNEL E 3 OBJECT MARKER-OM3-L	355 111 37 17 4 1 2	L.F. S.F. EA. EA. EA.

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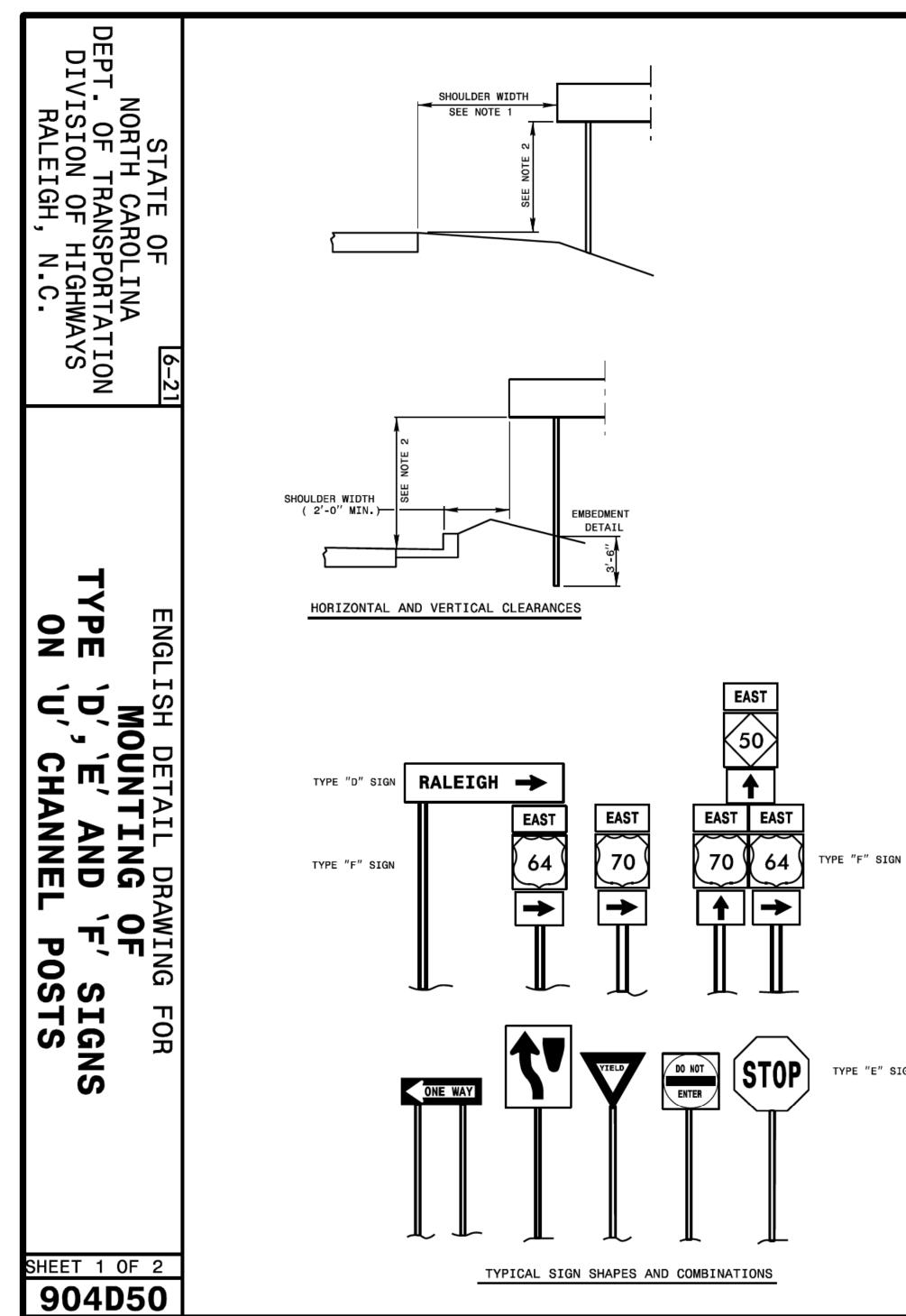


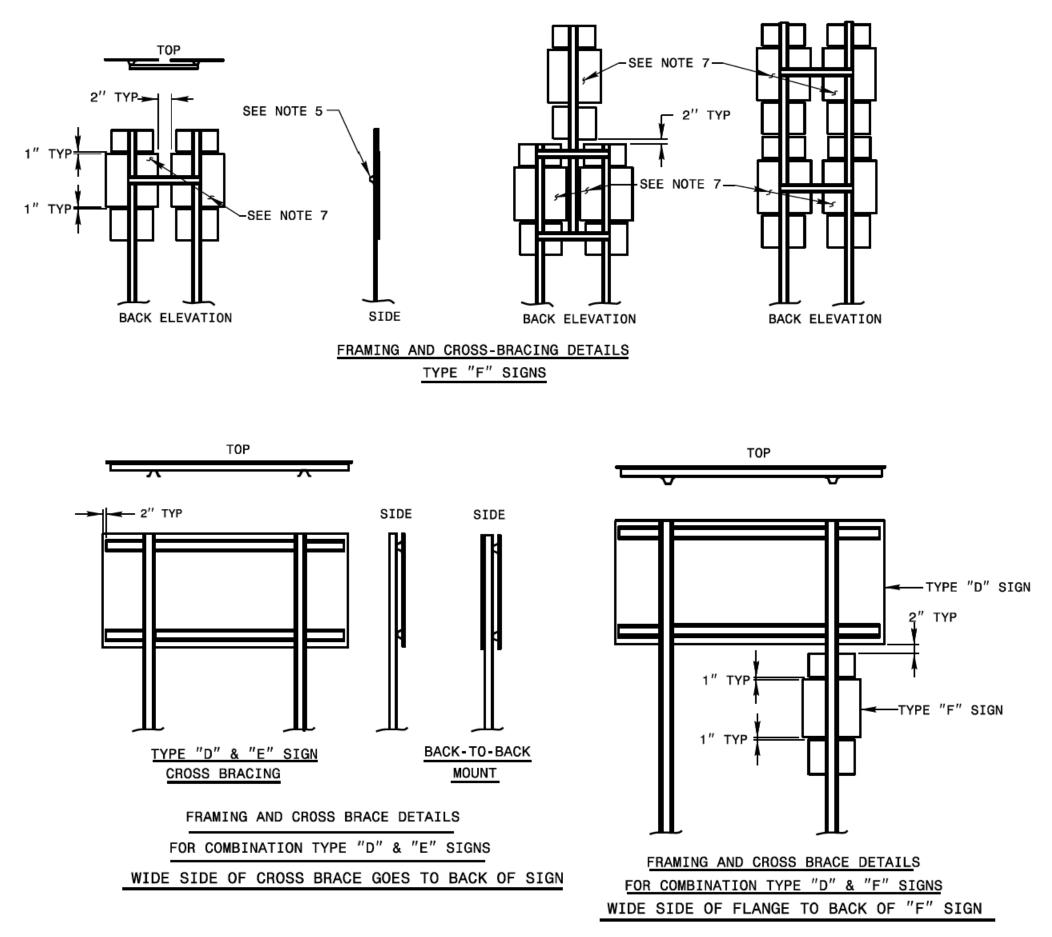
CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED. IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS. WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER ALL EXISTING SIGNS ON "U" 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.

PROJECT NOTES

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL







NOTES:

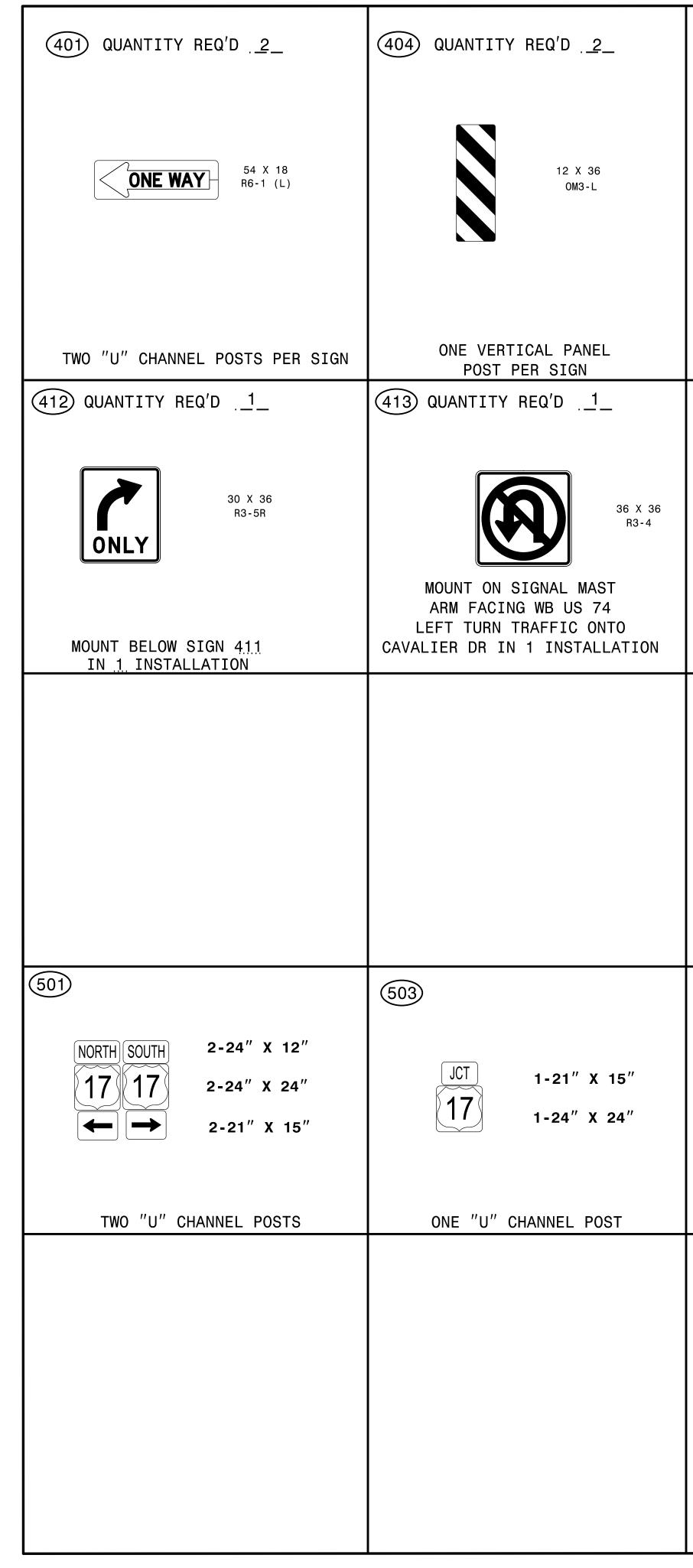
- 1 ERECT TYPE "D", "E", AND "F" SIGNS ON FREEWAYS WITH THE NEAR EDGE OF THE SIGN 20 FT. FROM THE TRAVEL LANE. ERECT ALL OTHER "D", "E", AND "F" SIGNS WITH THE NEAR EDGE OF THE SIGN AT THE EDGE OF THE SHOULDER BREAK (6 FT. MINIMUM CLEARANCE, 12 FT. DESIRABLE, FROM THE EDGE TRAVEL LANE), OR AS DIMENSIONED ON PLAN SHEETS.
- 2. ERECT TYPE "D", "E", AND "F" SIGNS WITH THE BOTTOM OF SIGN ASSEMBLY AT LEAST 7 FT. ABOVE THE EDGE OF THE TRAVEL LANE ON ROADS WITH 2 OR MORE LANES IN THE SAME DIRECTION AND AT LEAST 5 FT. ON OTHE THE VERTICAL CLEARANCE IS 7 FT. WHERE REQUIRED FOR PEDESTRIAN TRAFFIC AND/OR PARKED VEHICLES.
- 3. THE VERTICAL DIMENSION BETWEEN MOUNTING HOLE CENTERS ON ALL TYPES "D", "E", AND "F" SIGNS IS 30" MAXIMUM. THE VERTICAL AND HORIZONTAL DIMENSIONS BETWEEN MOUNTING HOLES IS TO THE WHOLE INCH. EACH SIGN PANEL HAS A MINIMUM OF 2 BOLTS PER SUPPORT.
- 4. ATTACH SIGN W/ $\frac{5}{16}$ " HEX HEAD BOLT, NYLON WASHER, SHIM, FLAT WASHER, LOCK WASHER, HEX NUT NO BUCKLING OF THE SIGN WILL BE PERMITTED. SEE ASSEMBLY DETAIL SHEET# 2 OF 904.50.
- 5. FURNISH AND INSTALL CROSS-BRACING AS SHOWN IN DETAIL. PAINT ENDS OF CROSS BRACES W/ APPROVED. ZI
- 6. INSTALL POST AND CROSS-BRACING WITH THE WIDE SIDE OF THE FLANGE TOWARD THE BACK OF SIGN(S) FOR COMBINATION TYPE "D" AND "F" SIGNS.
- 7. THE SHIELD HEIGHTS IN THESE ASSEMBLIES CAN NOT BE LARGER THAN 24".
- 8. IF SIGN ASSEMBLIES REQUIRE MORE THAN TWO U-CHANNEL SUPPORTS, THE SUPPORTS SHALL BE PLACED A MINIMUM OF 4 FT. BETWEEN POSTS. NO MORE THAN TWO POSTS SHALL FALL WITHIN 7 FT. PATH, OR THE SIGN ASSEMBLY MUST BE PLACED BEHIND BARRIER PROTECTION.

TYPE "E" SIGNS

TIP N		SHEET NO.
U–5710A	DocuSigne	_{lby:} SIGN-2A
APPROVED:6, DATE:	Mattlui X 23 8/6216=28	······················//
SEAL	SEAL 042546	

	<u>6-21</u> STATE OF NORTH CAROLINA DEPT OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
E OF E ROUTES.	ENGLISH DETAIL DRAWING FOR MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
	SHEET 1 OF 2 904D50

REVISED SIGNING ROADWAY STANDARD DRAWING



(406) QUANTITY REQ'D <u>4</u>	(407) QUANTITY REQ'D <u>1</u>	(408) QUANTITY REQ'D _1_
RIGHT LANE MUST TURN RIGHT	YIELD 30 X 30 X 30 R1-2	ONE WAY 54 X 18 R6-1 (R)
ONE "U" CHANNEL POST PER SIGN	ONE "U" CHANNEL POST	MOUNT BEHIND SIGN 401 IN 1 INSTALL
36 X 36 W11-2 FLUORESCENT YELLOW	24 X 12 W16-7P FLUORESCENT YELLOW	
ONE "U" CHANNEL POST PER SIGN	MOUNT BELOW SIGN 4 <u>14</u> IN <u>2</u> INSTALLATIONS	
(504) WEST $1-24'' \times 12''$ 74 $1-24'' \times 24''$ $1-21'' \times 15''$ ONE "U" CHANNEL POST	(505) JCT 1-21" X 15" 74 1-24" X 24" ONE "U" CHANNEL POST	

