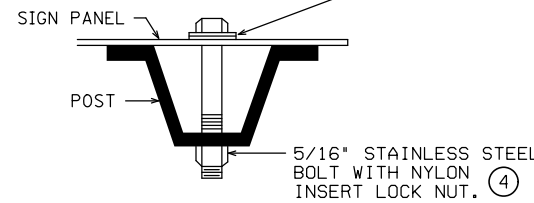
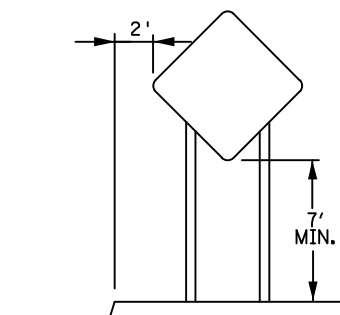
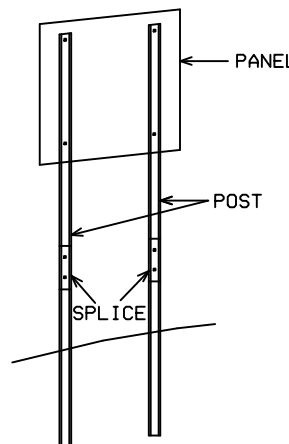


"U" POST BREAKAWAY SPLICE

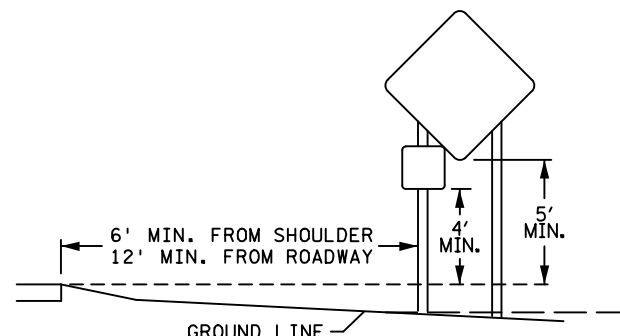
STAINLESS STEEL WASHER AND NYLON WASHER (T-1/32" MIN., I.D.=3/8" MAX., O.D.=7/8" MAX.)



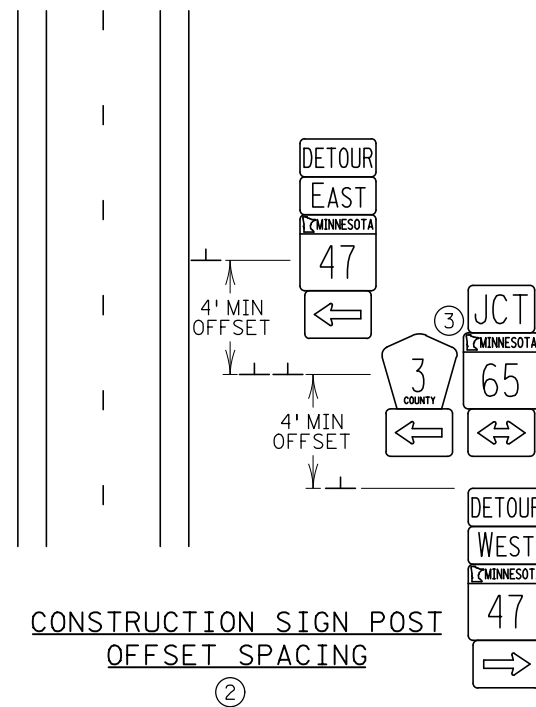
U-POST MOUNTING



TYPICAL BUSINESS, COMMERCIAL, AND RESIDENTIAL DESIGN



TYPICAL RURAL DESIGN



GENERAL NOTES:

- SIGNS TO BE PLACED ON DRIVEN U-POSTS SHALL BE PLACED IN ACCORDANCE WITH TABLE 1. IF THE TTC PLAN PLACES POST MOUNTED TEMPORARY SIGNS ADJACENT TO EXISTING STRUCTURES THERE SHALL BE NO MORE THAN TWO U-POST WITHIN 84 INCHES OF EACH OTHER ALIGNED IN THE SAME PLANE SO AS NOT TO COMPROMISE THAT STRUCTURE'S AND THE NEW DEVICE'S CRASHWORTHINESS. IF IT IS NOT POSSIBLE TO MAINTAIN THIS SPACING THEN THE POST MOUNTED TEMPORARY SIGNS SHALL BE PLACED OFFSET, AND STAGGERED WITH A MIN OF 4' BETWEEN THE SIGN STRUCTURES. SIGN PANELS SHALL BE PLACED ON SIGN STRUCTURES TO MEET THE 5' MIN DEPICTED ON THE TYPICAL RURAL DESIGN DETAIL, AND THE 7' MIN DEPICTED ON THE TYPICAL BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA DESIGN DETAIL ON THIS SHEET.
- ANY SIGN PANEL LARGER THAN WHAT IS LISTED ON TABLE 1 SHALL BE INSTALLED ON SQUARE TUBE.
- SEE MNDOT STANDARD SIGNS AND MARKINGS MANUAL FOR PUNCHING HOLES.
- A 48" X 48" WARNING SIGN INSTALLED ON TWO U-CHANNEL POSTS MAY BE SUPPLEMENTED WITH UP TO ONE 24" X 12" CARDINAL DIRECTION PLAQUE AND ONE 30" X 24" ROUTE MARKER, PROVIDED SUPPLEMENTAL SIGNS ARE MOUNTED IN THE UPPER TRAFFIC SIDE CORNER OF THE WARNING SIGN(S).

SPECIFIC NOTES:

- FOR TEMPORARY CONSTRUCTION SIGN FRAMING, THE CONTRACTOR MAY USE GRADE 5 ZINC PLATED BOLTS IN LIEU OF STAINLESS STEEL BOLTS FOR ALL BOLTED CONNECTIONS
- WHEN MULTIPLE GROUND MOUNTED SIGN STRUCTURES ARE PLACED ADJACENT TO EACH OTHER THERE SHOULD BE NO MORE THAN 2 POSTS WITHIN 84" OF EACH OTHER. WHEN THIS SPACING CAN NOT BE MAINTAINED, THEN SIGN STRUCTURES SHALL BE OFFSET, AND STAGGERED WITH A MINIMUM OF 4' BETWEEN SIGN STRUCTURES BOTH LATERALLY AND LONGITUDINALLY. EXAMPLE SHOWS DETOUR SIGNAGE, BUT THIS REQUIREMENT APPLIES TO ALL SIGNAGE.
- INPLACE AND/OR OTHER CONSTRUCTION SIGNING.

TABLE 1

		WIDTH IN INCHES													
		12	18	24	30	36	42	48	54	60	66	72	78	84	90
HEIGHT IN INCHES	12	1	1	1	1	1	1	1	1	1	2/42	2/42	2/42	2/48	2/54
	18	1	1	1	1	1	1	1	1	2/42	2/42	2/42	2/42	2/48	2/54
	24	1	1	1	1	1	1	2/30	2/36	2/42	2/42	2/42	2/42	2/48	2/54
	30	1	1	1	1	1	2/24	2/30	2/36	2/42	2/42	2/42	2/42	2/48	2/54
	36	1	1	1	1	2/18	2/24	2/30	2/36	2/42	2/42	2/42			
	42	1	1	1	2/12	2/18	2/24	2/30	2/36	2/42	2/42				
	48	1	1	1	2/12	2/18	2/24	2/30	2/36	2/42					
	54	1	1	2/12	2/12	2/18	2/24	2/30							
	60	1	1	2/12	2/12	2/18	2/24								
	66			2/12	2/12	2/18									
72			2/12	2/12											
78			2/12	2/12											
84			2/12												
90			2/12												

NUMBER OF POST(S)/SPACING
 REQUIRES SQUARE TUBE POSTS

NOT TO BE USED FOR PLANS LET AFTER DECEMBER 31ST, 2024. REMOVE NOTE BEFORE INSERTING DETAIL INTO PLAN