

3-POST STEEL POST SELECTION TABLE

SIGN PANEL HEIGHT	MAXIMUM GROUND LINE TO BOTTOM OF PRINCIPAL SIGN PANEL										SIGN PANEL WIDTH																									
	14'	13'	12'	11'	10'	9'	8'	7'	6'	5'	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	25'-0"	26'-0"	27'-0"	28'-0"	29'-0"	30'-0"	31'-0"	32'-0"	33'-0"	34'-0"	35'-0"	36'-0"	
16'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15'	16'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14'	15'	16'	-	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11'	12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10'	11'	12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-	-		
9'	10'	11'	12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-	-	-		
8'	9'	10'	11'	12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	-	-	-		
7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	-	-	-	-	-	-	-	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	-	-	
6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	-	-	-	-	-	-	-	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	-	-	
5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	-	-	-	-	-	-	-	W10X22	W10X22	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26
4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	-	-	-	-	-	-	-	W8X21	W10X22	W10X22	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26
-	4'	5'	6'	7'	8'	9'	10'	11'	12'	-	-	-	-	-	-	-	W8X21	W8X21	W10X22	W10X22	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26
-	-	4'	5'	6'	7'	8'	9'	10'	11'	-	-	-	-	-	-	-	W8X18	W8X21	W8X21	W10X22	W10X22	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26
-	-	-	4'	5'	6'	7'	8'	9'	10'	-	-	-	-	-	-	-	W8X18	W8X18	W8X21	W8X21	W8X21	W10X22	W10X22	W10X22	W10X22	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26	W12X26
-	-	-	-	4'	5'	6'	7'	8'	9'	-	-	-	-	-	-	-	W8X18	W8X18	W8X18	W8X18	W8X21	W8X21	W8X21	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22
-	-	-	-	-	4'	5'	6'	7'	8'	-	-	-	-	-	-	-	W6X15	W8X18	W8X18	W8X18	W8X18	W8X18	W8X21	W8X21	W8X21	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22	W10X22
-	-	-	-	-	-	4'	5'	6'	7'	-	-	-	-	-	-	-	W6X15	W6X15	W8X18	W8X18	W8X18	W8X18	W8X18	W8X18	W8X18	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21	W8X21

SEE "2-POST SIGN CONFIGURATION" SHEET

STEEL POST SELECTION NOTES:

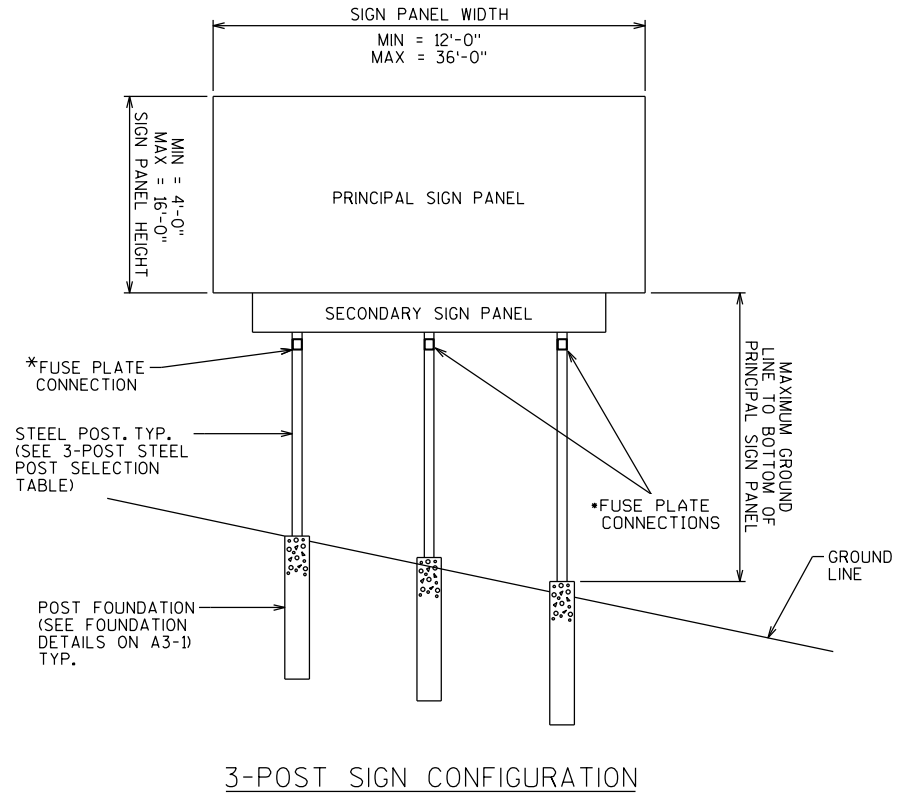
USE PROPOSED SIGN PANEL DIMENSIONS AND THE MAXIMUM HEIGHT FROM THE GROUND LINE TO THE BOTTOM OF THE PRINCIPAL SIGN PANEL TO DETERMINE THE MINIMUM REQUIRED STEEL POST SIZE.

"-" INDICATES THAT THERE IS NO STANDARD STEEL POST DESIGN FOR THE PROPOSED SIGN CONFIGURATION. CONTACT THE WISDOT BUREAU OF STRUCTURES TO REQUEST AN ANALYSIS AND DESIGN FOR THE PROPOSED SIGN CONFIGURATION.

IF A PROPOSED SIGN PANEL HEIGHT DIMENSION IS IN A 6" INCREMENT, SELECT THE MINIMUM REQUIRED STEEL POST SIZE THAT FALLS WITHIN THE NEXT LARGEST 1-FOOT INCREMENT (FOR EXAMPLE, IF THE REQUIRED SIGN PANEL HEIGHT IS 12'-6", SELECT THE POST SIZE BASED ON A SIGN PANEL HEIGHT OF 13'-0")

FOR PROPOSED SIGN CONFIGURATIONS WHERE THE POST HEIGHTS VARY, SELECT THE STEEL POST SIZE BASED ON THE MAXIMUM DIMENSION FROM THE GROUND LINE TO THE BOTTOM OF PRINCIPAL SIGN PANEL (FOR EXAMPLE, IF THE DIMENSION FROM THE GROUND LINE TO THE BOTTOM OF THE PRINCIPAL SIGN PANEL IS 8- FEET FOR ONE POST AND 10- FEET FOR THE SECOND POST, SELECT THE POST SIZE BASED ON THE 10-FOOT DIMENSION).

*INSTALL FUSE PLATE CONNECTIONS BELOW THE LOWEST SIGN PANEL.



NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE BTO TYPE I SIGNS			
DRAWN BY		PLANS CK'D.	
3-POST SIGN CONFIGURATION			SHEET A3-3.3