

**TABLE NOTES:**

- a) For fill slopes 2:1 or greater at a 12 ft offset, use 2½S post.
- b) For fill slopes 4:1 or greater, or offset greater than 12 ft, use 2½S post.
- c) For fill slopes 2:1 or greater at a 12 ft offset, use 2½T post.
- d) For fill slopes 4:1 or greater, or offset greater than 12 ft, use 2½T post.
- e) May not be advisable for fill slopes 2:1 or greater at a 12 ft offset, or in special wind regions.
- f) May not be advisable for fill slopes 4:1 or greater, or offset greater than 12 ft, or in special wind regions.
- g) Use only with signs in level (less than 6:1) or cut sections.

30" WIDTH			
Type	Total Sign Assembly Height (inches)	Post Type	Total Post Length (ft) (See Note 2)
R13006	6	2S	10
R13012	12	2S <sup>a</sup>	10
R13018	18	2S <sup>b</sup>	11
R13024	24	2½S	11
R13030	30	2½S <sup>c</sup>	12
R13036	36	2½S <sup>d</sup>	12
R13042	42	2½T <sup>e</sup>	13
R13048	48	2½T <sup>e</sup>	13
R13054	54	2½T <sup>f</sup>	14
R13060	60	2½T <sup>f</sup>	14

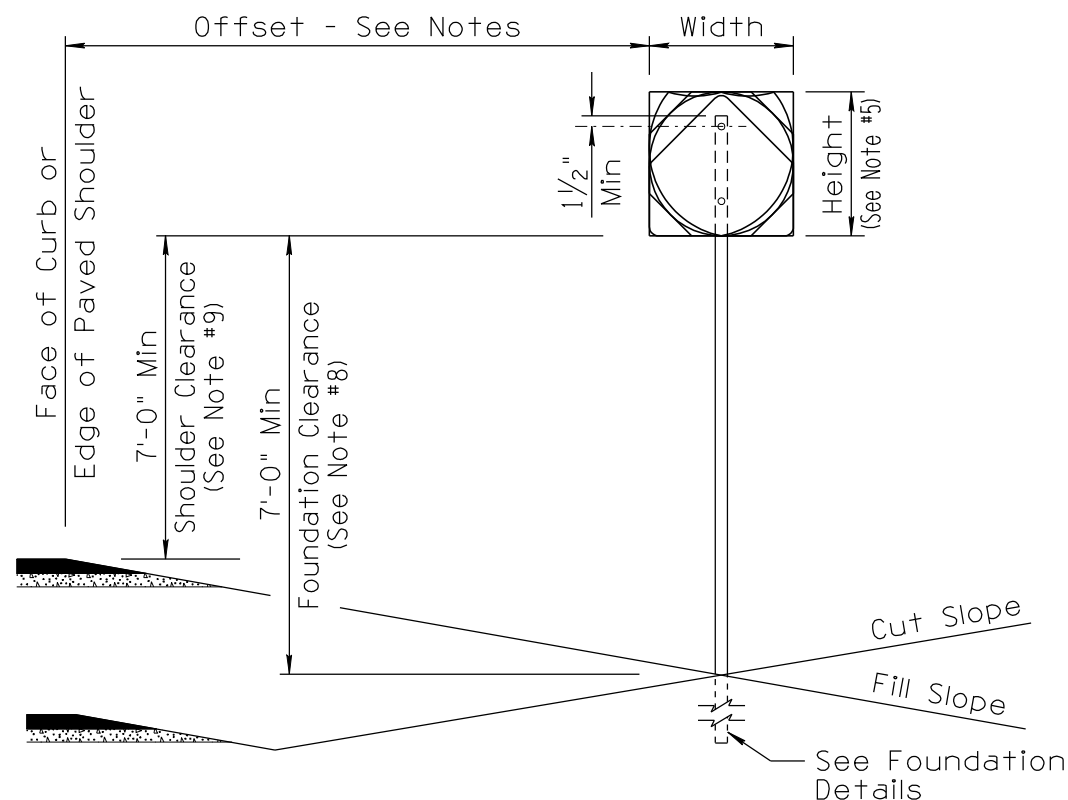
36" WIDTH			
Type	Total Sign Assembly Height (inches)	Post Type	Total Post Length (ft) (See Note 2)
R13606	6	2S	10
R13612	12	2S	10
R13618	18	2S <sup>b</sup>	11
R13624	24	2½S <sup>c</sup>	11
R13630	30	2½S <sup>d</sup>	12
R13636	36	2½T <sup>e</sup>	12
R13642	42	2½T <sup>f</sup>	13
R13648	48	2½T <sup>f</sup>	13
R13654	54	2½T <sup>g</sup>	12
R13660	60	2½T <sup>g</sup>	12

42" WIDTH			
Type	Total Sign Assembly Height (inches)	Post Type	Total Post Length (ft) (See Note 2)
R14212	12	2S <sup>a</sup>	10
R14218	18	2½S <sup>c</sup>	11
R14224	24	2½S <sup>d</sup>	11
R14230	30	2½T <sup>e</sup>	12
R14236	36	2½T <sup>f</sup>	12
R14242	42	2½T <sup>f</sup>	13
R14248	48	2½T <sup>g</sup>	11
R14254	54	2½T <sup>g</sup>	12

54" WIDTH			
Type	Total Sign Assembly Height (inches)	Post Type	Total Post Length (ft) (See Note 2)
R15418	18	2½S <sup>c</sup>	9

**NOTES:**

- These tables are to be used for rectangular, square, triangular, pennant, pentagonal, octagonal, round and route marker signs, including auxiliaries and plaques. For diamond-shape warning signs, use charts for warning signs.
- Post lengths in tables are for estimating purposes only. Post lengths will be determined in field at the sign location to satisfy minimum mounting height requirements. Actual post length will vary depending on offset, ground slope and other factors.
- Calculations in table are based on a 12 ft offset from near edge of sign to edge of pavement and a 6:1 fill slope away from pavement. Different offsets or slopes may affect post type and length.
- Sign offset is generally a minimum of 12 ft from edge of pavement to near edge of sign, but may be as close as 6 ft based on site conditions. Signs behind guardrail are generally placed 6 ft behind the face of guardrail. Signs generally should not be placed closer than 6 ft from the edge of paved shoulder or face of curb, except on urban streets where such an offset is impractical, in which case an offset of as small as 2 ft may be used.
- For multi-sign assemblies (including signs with auxiliaries and/or plaques), the height in the table is the cumulative height of all signs, auxiliaries and plaques in the assembly.
- For multi-sign assemblies, the width table to be used should be defined by the widest sign panel in the assembly.
- For special sign assemblies (multiple route markers side by side, divided highway STOP, ONE WAY assemblies, etc.), see sheets 12 and 13.
- The foundation clearance may be reduced if the shoulder clearance is greater than 10 ft and the sign does not overhang any sidewalk or pedestrian path.
- The R15418 mounting is intended for 54"x18" R6-1 ONE WAY signs only, and uses a 5 ft shoulder clearance.



**SINGLE POST ASSEMBLY**  
 Rectangular, Square, Octagonal,  
 Pentagonal, Triangular, Circular,  
 or Route Marker

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNING & MARKING STANDARD DRAWINGS	REVISION 6/14
<b>SIGNATURES</b>		DRAWING NO. S-3
APPROVED FOR DISTRIBUTION	SINGLE POST FLAT SHEET RECTANGULAR SIGN ASSEMBLY 30, 36, 42 and 54 INCH WIDTHS	SHEET NO. 3 of 16
<b>ON FILE</b>		