

Laminated Wood Box Post Selection

Post Type	Size (in)	Z (ft)	(X)(Y)(Z) ft ³
M	7 7/8 x 7 7/8	15 < Z ≤ 26	1329
M	7 7/8 x 7 7/8	Z ≤ 15	1661
L	7 7/8 x 14 7/8	15 < Z ≤ 26	3502
L	7 7/8 x 14 7/8	Z ≤ 15	4378

Embedment Depth (D)

Z (ft)	Sign Area Feet ²					
	Up to 50	51 to 100	101 to 150	151 to 200	201 to 250	251 to 290
9 to 12	6	6	7	8	9	10
13 to 15	6	6	7.5	9	10	
16 to 18	7	7.5	9			
19 to 22	7	8	10			
23 to 26	7.5	8.5				

X & Y = Single sign or back-to-back signs: overall dimensions of the sign –

Multiple signs: dimensions of the area within the perimeter of a rectangle enclosing the extremities of the signs

Z = Height from ground line to the midheight of the sign at the centerline of the longest post

D = Embedment depth

H = Post length

V = Vertical clearance from edge of traveled way

W = Distance from edge of traveled way to the centerline of the post nearest the roadway. (See the *Standard Plans*.)