

DESIGN TABLE FOR WOODEN SUPPORTS

Size of post	H (FT)	Maximum area (Total of sign panels) (ft) ²		
		Single-post	Two-posts	Three-posts
4"x 4"	6.0	10	20	29
	6.5	9	18	27
	7.0	8	17	25
	7.5	8	16	23
	8.0	7	15	22
	8.5	7	14	21
	9.0	7	13	20
	9.5	6	12	19
	10.0	6	12	18
4"x 6" (*)	6.0	25	51	76
	6.5	23	49	70
	7.0	22	43	65
	7.5	20	41	61
	8.0	19	38	57
	8.5	18	36	54
	9.0	17	34	51
	9.5	16	32	48
	10.0	15	30	46
5"x 5"	6.0	21	43	64
	6.5	20	40	59
	7.0	18	37	55
	7.5	17	34	51
	8.0	16	32	48
	8.5	15	30	45
	9.0	14	29	43
	9.5	14	27	41
	10.0	13	26	39

DESIGN TABLE FOR WOODEN SUPPORTS

Size of post	H (ft)	Maximum area (Total of sign panels) (ft) ²		
		Single-post	Two-posts	Three-posts
6"x 6"	6.0	40	80	120
	6.5	37	74	110
	7.0	34	68	102
	7.5	32	64	96
	8.0	30	60	90
	8.5	28	56	84
	9.0	27	53	80
	9.5	25	50	75
	10.0	24	48	72
6"x 8" (*)	10.5	23	46	68
	11.0	22	43	65
	6.0	70	140	211
	6.5	65	130	194
	7.0	60	120	181
	7.5	56	112	169
	8.0	53	105	158
	8.5	50	99	149
	9.0	47	94	140
	9.5	44	89	133
	10.0	42	84	126
	10.5	40	80	120
	11.0	38	77	115
	11.5	37	73	110
	12.0	35	70	105
12.5	34	67	101	

(*) Larger dimension in direction of (parallel to) traffic.

DETAILS FOR CALCULATING SIZE OF WOOD POSTS FOR PERMANENT SIGNS INSTALLED AT 5'-0" MINIMUM MOUNTING HEIGHTS ON LEVEL GROUND

VIRGINIA DEPARTMENT OF TRANSPORTATION