

ASSEMBLY DETAILS

Regulatory, Warning and Guide Signs

5' on Rural Roadways
6' on Rural or Urban Expressways
7' in Residential and Business districts where parking will occur.

FIRM NO.	DATE	REV. AND PROJ. NO.	SHEET NO.
8	N.D.	M6-1-010 (05')	95

D-754-75-121

ASSEMBLY NO.	SIGN TYPE OR SIZE	ULTIMATE PAVMT DEPTH PLUS SIGN HEIGHT MINUS THE DISTANCE SIGN SUPPORT IS BELOW THE SIGN TOP															SIGN OVERHANG			SUPPORT SPACING				SUPPORT LENGTH & SIZE without Sleeve		SUPPORT LENGTH & SIZE with Sleeve		SUPPORT LENGTH & SIZE with Sleeve		AREA Sq. Ft.
		Ultimate Pavement Depth															Vertical Drop			Vertical Drop				Max. Support Length	Max. Support Length	Post Size	Brace Size			
		8"	9"	10"	11"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	6:1	4:1	3:1	2:1	6:1	4:1	3:1	2:1	Max. Support Length	Size	Max. Support Length	Size	Post Size	Brace Size	
1	36" STOP	38	39	40	41	42	43	44	45	46	48	50	52	54	56	2 1/2	3 1/4	5	7 1/2			146	2	190	2 1/4			5.18		
2	36" STOP	38	39	40	41	42	43	44	45	46	48	50	52	54	56	3	4 1/2	6	9					134 1/2	2 1/4	223 1/2	2" x 2 1/4"	7.46		
3	48" STOP	50	51	52	53	54	55	56	57	58	60	62	64	66	68	2	3	4	6	4	6	8	12	155 1/2	2 1/4	256	2" x 2 1/4"	1325		
4	36" YIELD	39	40	41	42	43	44	45	46	47	49	51	53	55	57	3	4	6	9					139	1 3/4	189	2X2	3.90		
5	48" YIELD	49	50	51	52	53	54	55	56	57	59	61	63	65	67	4	6	8	12					152 1/2	2 1/4	248 1/2	2" x 2 1/4"	6.93		
6	60" YIELD	60	61	62	63	64	65	66	67	68	70	72	74	76	78	5	7 1/2	10	15					111	2 1/4	172 1/2	2" x 2 1/4"	10.82		
7	12X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	1 1/2	2	3					217	1 1/2			1.50			
8	18X24	32	33	34	35	36	37	38	39	40	42	44	46	48	50	1 1/2	2	3	4 1/2					117 1/2	1 1/2	172	1 3/4	3.00		
9	24X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	2	3	4	6					112	1 3/4	151	2	5.00		
10	30X36	44	45	46	47	48	49	50	51	52	54	56	58	60	62	2 1/2	3 3/4	5	7 1/2					139 1/2	2 1/4	228 1/2	2" x 2 1/4"	7.50		
11	36X48	50	51	52	53	54	55	56	57	58	60	62	64	66	68	1 1/2	2	3	4	4	6	8	12	169 1/2	2 1/4	280 1/2	2" x 2 1/4"	12.00		
12	48X60	62	63	64	65	66	67	68	69	70	72	74	76	78	80	2	3	4	6	4	6	8	12	116	2 1/4	182 1/2	2" x 2 1/4"	20.00		
13	18X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	1 1/2	2	3	4 1/2					148 1/2	1 1/2			2.25		
14	24X24	32	33	34	35	36	37	38	39	40	42	44	46	48	50	2	3	4	6					133	1 3/4	181	2	4.00		
15	30X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	2 1/2	3 3/4	5	7 1/2					124	2	160 1/2	2 1/4	6.25		
16	36X36	44	45	46	47	48	49	50	51	52	54	56	58	60	62	3	4	6	9					120	2 1/4	194	2" x 2 1/4"	9.00		
17	48X48	50	51	52	53	54	55	56	57	58	60	62	64	66	68	3	4	6	9	4	6	8	12	132 1/2	2 1/4	215 1/2	2" x 2 1/4"	16.00		
18	24" Dia.	36	37	38	39	40	41	42	43	44	46	48	50	52	54	3	4	6	9					132	1 3/4	180	2	4.00		
19	30" Dia.	44	45	46	47	48	49	50	51	52	54	56	58	60	62	3 1/2	5 1/4	7	10 1/2					161	2 1/4	267	2" x 2 1/4"	6.25		
20	36" Dia.	53	54	55	56	57	58	59	60	61	63	65	67	69	71	4 1/4	6 1/8	8 1/2	12 1/2					121 1/2	2 1/4	191 1/2	2" x 2 1/4"	9.00		
21	48" Dia.	61	62	63	64	65	66	67	68	69	71	73	75	77	79	5 1/2	7 3/4	10 1/2	15 1/2	4	6	8	12	133 1/2	2 1/4	216 1/2	2" x 2 1/4"	16.00		
22	24X36	44	45	46	47	48	49	50	51	52	54	56	58	60	62	2	3	4	6					131 1/2	2	169 1/2	2 1/4	6.00		
23	24X48	56	57	58	59	60	61	62	63	64	66	68	70	72	74	2	3	4	6					138 1/2	2 1/4	221 1/2	2" x 2 1/4"	8.00		
24	36X72	74	75	76	77	78	79	80	81	82	84	86	88	90	92	1 1/2	2	3	4	4	6	8	12	132	2 1/4	206	2" x 2 1/4"	18.00		
25	48X96	98	99	100	101	102	103	104	105	106	108	110	112	114	116	2	3	4	6	4	6	8	12	100 1/2	2 1/4	142	2" x 2 1/4"	32.00		
26	24X12	20	21	22	23	24	25	26	27	28	30	32	34	36	38	2	3	4	6					86 1/2	2	100 1/2	2 1/4	2	276	32.00
27	36X12	20	21	22	23	24	25	26	27	28	30	32	34	36	38	3	4	6	9					153 1/2	1 1/2			2.00		
28	20X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	1 1/2	2	3	4 1/2					104 1/2	1 1/2	155 1/2	1 3/4	3.00		
29	24X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	1 1/2	2	3	4 1/2					127 1/2	1 1/2	189 1/2	1 3/4	2.50		
30	30X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	2	3	4	6					108 1/2	1 1/2	160	1 3/4	3.00		
31	36X18	26	27	28	29	30	31	32	33	34	36	38	40	42	44	2 1/2	3 3/4	5	7 1/2					130	1 3/4	178	2	3.75		
32	36X24	32	33	34	35	36	37	38	39	40	42	44	46	48	50	2 1/2	3 3/4	5	7 1/2					110	1 3/4	151	2	4.50		
33	36X24	32	33	34	35	36	37	38	39	40	42	44	46	48	50	3	4	6	9					140	2	182 1/2	2 1/4	5.00		
34	48X24	32	33	34	35	36	37	38	39	40	42	44	46	48	50	3	4	6	9					119	2	155 1/2	2 1/4	6.00		
35	36X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	3	4	6	9					119	2 1/4	198	2" x 2 1/4"	8.00		
36	42X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	3 1/2	5 1/4	7	10 1/2					129 1/2	2 1/4	213	2" x 2 1/4"	7.50		
37	48X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	4	6	8	12					113 1/2	2 1/4	185 1/2	2" x 2 1/4"	8.75		
38	60X30	38	39	40	41	42	43	44	45	46	48	50	52	54	56	4	6	8	12					101 1/2	2 1/4	164 1/2	2" x 2 1/4"	10.00		
39	42X36	44	45	46	47	48	49	50	51	52	54	56	58	60	62	3 1/2	5 1/4	7	10 1/2					152	2 1/4	252 1/2	2" x 2 1/4"	12.50		
40	48X36	44	45	46	47	48	49	50	51	52	54	56	58	60	62	3	4	6	9	4	6	8	12	125	2	160 1/2	2 1/4	12.00		
41	72X48	56	57	58	59	60	61	62	63	64	66	68	70	72	74	2	3	4	6	4	6	8	12	160	2 1/4	265	2" x 2 1/4"	12.00		
42	24X24P	32	33	34	35	36	37	38	39	40	42	44	46	48	50	2	3	4	6					90 1/2	2 1/4	143	2" x 2 1/4"	2 1/2	228	24.00
43	30X24P	38	39	40	41	42	43	44	45	46	48	50	52	54	56	2 1/2	3 3/4	5	7 1/2					126	1 3/4	171 1/2	2	7.00		
44	36X36P	44	45	46	47	48	49	50	51	52	54	56	58	60	62	3	4	6	9					118	2	152	2 1/4	9.25		
45	48X48P	50	51	52	53	54	55	56	57	58	60	62	64	66	68	3	4	6	9	4	6	8	12	114	2 1/4	183 1/2	2" x 2 1/4"	12.00		
46	24X30P	38	39	40	41	42	43	44	45	46	48	50	52	54	56	2	3	4	6					125 1/2	2 1/4	204	2" x 2 1/4"	19.00		
47	36X48P	50	51	52	53	54	55	56	57	58	60	62	64	66	68	1 1/2	2	3	4	4	6	8	12	112	1 3/4	151	2	8.00		
48	48X60P	62	63	64	65	66	67	68	69	70	72	74	76	78	80	2	3	4	6	4	6	8	12	169 1/2	2 1/4	280 1/2	2" x 2 1/4"	15.00		
49	12X18S	32	33	34	35	36	37	38	39	40	42	44	46	48	50	1 1/2	2	3						116	1 1/2			23.00		
50	12X18S	32	33	34	35	36	37	38	39	40	42	44	46	48	50	1 1/2	2	3						168 1/2	1 1/2			2.00		
51	20X18S	32	33	34	35	36	37	38	39	40	42	44	46	48	50	1 1/2	2	3	4 1/2					166	1 1/2			2.04		
52	20X18S	32	33	34	35	36	37	38	39	40	42	44	46	48	50	1 1/2	2	3	4 1/2					117 1/2	1 1/2	172	1 3/4	3.00		
53	30" DBS	62	63	64	65	66	67	68	69	70	72	74	76	78	80	3 1/2	5 1/4	7	10 1/2					116 1/2	1 1/2	170	1 3/4	3.04		
54	36" DBS	62	63	64	65	66	6																							