


Post Size	A	B	C	D	E	F	G	t	d	Number of Bolts	Bolt Size	Washer Diameter	Washer Cut	ℓ mass, kg
W 150 x 14	178	102	38		64	25	114	5	18	4	M16 x 45	38	None	0.76
W 200 x 15	178	102	38		64	32	127	5	18	4	M16 x 45	38	None	0.84
W 200 x 19	280	102	38	51	57	22	102	6	18	8	M16 x 45	38	3	1.42
W 200 x 22	280	102	38	51	57	22	102	8	18	8	M16 x 50	38	3	1.77
W 200 x 27	203	127	38		76	25	127	8	27	4	M24 x 55	57	3	1.61
W 250 x 28	280	102	38	51	57	29	114	10	18	8	M16 x 50	38	3	2.39

GENERAL NOTES

1. See Standard Drawing 802-SNGP-01 through 08 for details, notes and specifications of posts, bolts, washers, etc. except as noted.
2. The bolts for the backplate shall be tightened to the initial bolt tension shown on Standard Drawing 802-SNGP-01 through 07.
3. Twice the number of the next smaller bolts may be substituted if desired. For example eight 8-16 mm. bolts may be substituted for 4-25 mm bolts. The backplate would then be increased in size to accommodate the additional bolts.
4. Weight is per plate and must be doubled for a two post installation.

All Dimension are in mm unless otherwise specified	
INDIANA DEPARTMENT OF TRANSPORTATION	
PANEL SIGN BACKPLATE TABLE	
SEPTEMBER 2003	
STANDARD DRAWING NO. 802-SNGP-10	
	/s/ Anthony L. Uremovich 9-02-03 DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ Richard K. Smutzer 9-02-03 CHIEF HIGHWAY ENGINEER DATE