

Post Size	A	B	C	D	E	F	G	t	d	Number of Bolts	Bolt Size	Washer Diameter	Washer Cut	R <sub>L</sub> 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
W 250 x 33	229	127	51	—	83	29	140	10	27	4	M24 x 55	57	None	2.39
W 250 x 39	229	127	51	—	83	29	140	13	27	4	M24 x 55	57	None	3.18
W 310 x 39	229	127	51	—	89	45	178	10	33	4	M32 x 70	70	3	3.03
W 310 x 45	229	127	51	—	89	38	165	13	33	4	M32 x 75	70	3	3.76
W 310 x 52	229	127	51	—	89	38	165	15	33	4	M32 x 75	70	3	4.23
W 360 x 33	229	127	51	—	76	32	140	8	27	4	M24 x 55	57	8	1.99

### GENERAL NOTES

1. See Standard Drawings 802-SNGP-01 through -08 for details and notes for posts, bolts, washers, etc. except as noted.
2. The bolts for the backplate shall be tightened to the initial bolt tension shown on Standard Drawings 802-SNGP-01 through 07.
3. Twice the number of the next smaller bolts may be substituted if desired. For example 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. Mass is per plate and must be doubled for a two-post installation.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
PANEL SIGN BACKPLATE	
TABLE	
JANUARY 2000	
STANDARD DRAWING NO. 802-SNGP-10	
	/s/ Anthony L. Uremovich 1-03-00 DESIGN STANDARDS ENGINEER DATE
	/s/ Firooz Zandi 1-03-00 CHIEF HIGHWAY ENGINEER DATE