


Post Size	A	B	C	D	E	F	G	t	d	Number of Bolts	Bolt Size	Washer Diameter	Washer Cut	ℓ * weight
W 6 x 9	7	4	1 ½		2 ½	1	4 ½	⅜	1⅞	4	⅝ x 1 ¾	1 ½	None	1.67
W 8 x 10	7	4	1 ½		2 ½	1 ¼	5	⅜	1⅞	4	⅝ x 1 ¾	1 ½	None	1.86
W 8 x 13	11	4	1 ½	2	2 ¼	⅞	4	¼	1⅞	8	⅝ x 1 ¾	1 ½	⅝	3.12
W 8 x 15	11	4	1 ½	2	2 ¼	⅞	4	⅝	1⅞	8	⅝ x 2	1 ½	⅝	3.90
W 8 x 18	8	5	1 ½		3	1	5	⅝	1 ⅞	4	1 x 2 ¼	2 ¼	⅝	3.54
W 10 x 19	11	4	1 ½	2	2 ¼	1 ⅞	4 ½	⅝	1⅞	8	⅝ x 2	1 ½	⅝	5.26

* Weight is per plate and must be doubled for a two-post installation.

GENERAL NOTES

1. See Standard Drawing E 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 E 802-SNGP-01 through 07.
3. Twice the number of the next smaller bolts may be substituted if desired. For example eight ⅝ in. bolts may be substituted for four 1 in. 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.
5. All dimensions are in inches unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
PANEL SIGN BACKPLATE TABLE	
SEPTEMBER 2003	
STANDARD DRAWING NO. E 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