

WINDLOAD COORDINATES FOR PSST AT 100 MPH

(AASHTO Standard Specifications for Structural supports for - Highway Signs, Luminaires and Traffic Signals. 6th Edition 2019)

SIGN CENTROID	ALLOWABLE SIGN AREA (FT ²) PER SINGLE POST*													
	SLIP BASE NOT ALLOWED							MAXIMUM 3 SLIP BASES ALLOWED IN 7' SPAN						
	FHWA APPROVED FOR: <u>2 POSTS PER SIGN</u>					<u>1 POST PER SIGN</u>		SLIP BASE OPTIONAL**		SLIP BASE REQUIRED				
	1½" x 12 ga perf.	1¼" x 14 ga perf.	1¼" x 12 ga perf.	2" x 14 ga perf.	2" x 12 ga perf.	2¼" x 14 ga perf.	2¼" x 12 ga. perf.	2-3/16 x 10ga perf.	2½" x 12 ga perf.	2½" x 10 ga perf.	2¼" x 12 ga 2½" x 12 ga perf.	2-3/16x10 ga 2½" x 10 ga perf.	3" x 8 ga solid	3" x 7 ga solid
16.5'	2.77	3.12	3.89	4.16	5.20	5.35	6.70	7.26	8.39	9.69	15.10	16.96	20.54	23.07
16'	2.85	3.21	4.01	4.29	5.36	5.52	6.91	7.49	8.66	10.00	15.57	17.48	21.18	23.79
15.5'	2.95	3.32	4.14	4.43	5.54	5.70	7.13	7.73	8.94	10.32	16.07	18.05	21.87	24.56
15'	3.04	3.43	4.28	4.58	5.72	5.89	7.37	7.99	9.23	10.66	16.61	18.65	22.59	25.38
14.5'	3.15	3.55	4.43	4.73	5.92	6.09	7.63	8.26	9.55	11.03	17.18	19.29	23.37	26.25
14'	3.26	3.67	4.58	4.90	6.13	6.31	7.90	8.56	9.89	11.42	17.79	19.98	24.21	27.19
13.5'	3.38	3.81	4.75	5.08	6.36	6.54	8.19	8.88	10.26	11.85	18.45	20.72	25.11	28.20
13'	3.51	3.96	4.94	5.28	6.60	6.80	8.51	9.22	10.65	12.30	19.16	21.52	26.07	29.28
12.5'	3.65	4.11	5.13	5.49	6.87	7.07	8.85	9.59	11.08	12.79	19.93	22.38	27.11	30.45
12'	3.80	4.28	5.35	5.72	7.15	7.36	9.22	9.99	11.54	13.33	20.76	23.31	28.24	31.72
11.5'	3.97	4.47	5.58	5.97	7.46	7.68	9.62	10.42	12.04	13.91	21.66	24.33	29.47	33.10
11'	4.15	4.67	5.83	6.24	7.80	8.03	10.05	10.89	12.59	14.54	22.64	25.43	30.81	34.61
10.5'	4.35	4.90	6.11	6.54	8.17	8.41	10.53	11.41	13.19	15.23	23.72	26.64	32.28	36.25
10'	4.57	5.14	6.42	6.86	8.58	8.83	11.06	11.98	13.85	15.99	24.91	27.98	33.89	38.07
9.5'	4.81	5.41	6.75	7.23	9.03	9.30	11.64	12.61	14.58	16.83	26.22	29.45	35.68	40.07
9'	5.07	5.71	7.13	7.63	9.54	9.82	12.29	13.31	15.39	17.77	27.68	31.08	37.66	42.30
8.5'	5.37	6.05	7.55	8.08	10.10	10.39	13.01	14.10	16.29	18.81	29.30	32.91	39.87	44.78
8'	5.71	6.43	8.02	8.58	10.73	11.04	13.82	14.98	17.31	19.99	31.14	34.97	42.37	47.58

* USE A MULTIPLIER OF 2 OR 3 FOR 2 & 3 POST INSTALLATIONS.

** SLIP BASE REQUIRED ON 2 & 3 POST INSTALLATION.

REV. B 12/1/19