WINDLOAD COORDINATES FOR PSST AT 110 MPH

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

CENTROID SIGN	ALLOWABLE SIGN AREA (FT²) PER SINGLE POST*													
	SLIP BASE NOT ALLOWED							MAXIMUM 3 SLIP BASES ALLOWED IN 7' SPAN						
	FHWA APPROVED FOR: 2 POSTS PER SIGN					1 POST PER SIGN		SLIP BASE OPTIONAL**		SLIP BASE REQUIRED				
	1½" x 12 ga perf.	1¾" x 14 ga perf.	1¾" 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'	2.25	2.54	3.18	3.40	4.26	4.38	5.49	5.96	6.88	7.96	12.37	13.91	16.91	19.00
16'	**2.33**	**2.62**	**3.28**	**3.50**	**4.39**	**4.51**	**5.66**	**6.14**	**7.10**	**8.21**	**12.76**	**14.35**	**17.44**	**19.60**
15.5'	2.40	2.70	3.38	3.61	4.53	4.66	5.85	6.34	7.33	8.47	13.17	14.81	18.00	20.23
15'	**2.48**	**2.79**	**3.49**	**3.73**	**4.68**	**4.81**	**6.04**	**6.55**	**7.57**	**8.75**	**13.61**	**15.30**	**18.60**	**20.90**
14.5'	2.57	2.89	3.61	3.86	4.84	4.98	6.25	6.78	7.83	9.05	14.08	15.83	19.24	21.62
14'	**2.66**	**2.99**	**3.74**	**4.00**	**5.02**	**5.16**	**6.47**	**7.02**	**8.11**	**9.38**	**14.58**	**16.40**	**19.93**	**22.40**
13.5'	2.76	3.10	3.88	4.15	5.20	5.35	6.71	7.28	8.41	9.72	15.12	17.00	20.67	23.22
13'	**2.86**	**3.22**	**4.03**	**4.31**	**5.40**	**5.55**	**6.97**	**7.56**	**8.74**	**10.10**	**15.71**	**17.66**	**21.46**	**24.12**
12.5'	2.98	3.35	4.19	4.48	5.62	5.78	7.25	7.86	9.09	10.50	16.33	18.36	22.32	25.08
12'	**3.10**	**3.49**	**4.37**	**4.67**	**5.85**	**6.02**	**7.55**	**8.19**	**9.46**	**10.94**	**17.01**	**19.13**	**23.25**	**26.13**
11.5'	3.23	3.64	4.56	4.87	6.11	6.28	7.88	8.54	9.88	11.42	17.75	19.96	24.26	27.26
11'	**3.38**	**3.81**	**4.76**	**5.09**	**6.38**	**6.56**	**8.24**	**8.93**	**10.32**	**11.93**	**18.56**	**20.87**	**25.37**	**28.50**
10.5'	3.54	3.99	4.99	5.34	6.69	6.88	8.63	9.36	10.82	12.50	19.45	21.86	26.57	29.86
10'	**3.72**	**4.19**	**5.24**	**5.60**	**7.02**	**7.22**	**9.06**	**9.83**	**11.36**	**13.13**	**20.42**	**22.95**	**27.90**	**31.35**
9.5'	3.92	4.41	5.52	5.90	7.39	7.60	9.54	10.34	11.96	13.82	21.49	24.16	29.37	33.00
9'	**4.13**	**4.65**	**5.82**	**6.22**	**7.80**	**8.02**	**10.07**	**10.92**	**12.62**	**14.59**	**22.69**	**25.50**	**31.00**	**34.84**
8.5'	4.38	4.93	6.17	6.59	8.26	8.49	10.66	11.56	13.36	15.45	24.02	27.01	32.83	36.89
8'	**4.65**	**5.23**	**6.55**	**7.00**	**8.78**	**9.03**	**11.33**	**12.28**	**14.20**	**16.41**	**25.52**	**28.69**	**34.88**	**39.19**

*** 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