

## WINDLOAD COORDINATES FOR TELES PAR® AT 90 MPH

(AASHTO Standard Specifications for Structural supports for - Highway Signs, Luminaires and Traffic Signals. 4<sup>th</sup> Edition 2001)

SIGN CENTROID	ALLOWABLE SIGN AREA (FT <sup>2</sup> ) 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.	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 10 ga perf.	2½" x 12 ga perf.	2½" x 10 ga perf.	2¼" x 12 ga 2½" x 12 ga perf.	2-3/16 x 10 ga 2½" x 10 ga perf.	3" x 8 ga solid	3" x 7 ga solid
16.5'	3.46	3.90	4.85	5.19	6.48	6.67	8.34	9.03	10.44	12.04	18.78	21.07	25.45	28.57
16'	<b>3.57</b>	<b>4.02</b>	<b>5.00</b>	<b>5.36</b>	<b>6.68</b>	<b>6.88</b>	<b>8.60</b>	<b>9.31</b>	<b>10.76</b>	<b>12.41</b>	<b>19.36</b>	<b>21.73</b>	<b>26.24</b>	<b>29.46</b>
15.5'	3.68	4.15	5.17	5.53	6.90	7.11	8.88	9.61	11.11	12.82	19.99	22.43	27.09	30.41
15'	<b>3.81</b>	<b>4.29</b>	<b>5.34</b>	<b>5.71</b>	<b>7.13</b>	<b>7.34</b>	<b>9.17</b>	<b>9.93</b>	<b>11.48</b>	<b>13.24</b>	<b>20.65</b>	<b>23.18</b>	<b>27.99</b>	<b>31.43</b>
14.5'	3.94	4.44	5.52	5.91	7.37	7.60	9.49	10.28	11.87	13.70	21.36	23.97	28.96	32.51
14'	<b>4.08</b>	<b>4.59</b>	<b>5.72</b>	<b>6.12</b>	<b>7.64</b>	<b>7.87</b>	<b>9.83</b>	<b>10.64</b>	<b>12.30</b>	<b>14.19</b>	<b>22.13</b>	<b>24.83</b>	<b>29.99</b>	<b>33.67</b>
13.5'	4.23	4.76	5.93	6.35	7.92	8.16	10.19	11.04	12.75	14.71	22.95	25.75	31.10	34.92
13'	<b>4.39</b>	<b>4.95</b>	<b>6.16</b>	<b>6.59</b>	<b>8.22</b>	<b>8.47</b>	<b>10.59</b>	<b>11.46</b>	<b>13.24</b>	<b>15.28</b>	<b>23.83</b>	<b>26.74</b>	<b>32.30</b>	<b>36.26</b>
12.5'	4.57	5.15	6.41	6.86	8.55	8.81	11.01	11.92	13.77	15.89	24.78	27.81	33.59	37.71
12'	<b>4.76</b>	<b>5.36</b>	<b>6.67</b>	<b>7.14</b>	<b>8.91</b>	<b>9.18</b>	<b>11.47</b>	<b>12.42</b>	<b>14.35</b>	<b>16.55</b>	<b>25.82</b>	<b>28.97</b>	<b>34.99</b>	<b>39.28</b>
11.5'	4.96	5.59	6.96	7.45	9.30	9.58	11.97	12.96	14.97	17.27	26.94	30.23	36.51	40.99
11'	<b>5.19</b>	<b>5.85</b>	<b>7.28</b>	<b>7.79</b>	<b>9.72</b>	<b>10.01</b>	<b>12.51</b>	<b>13.54</b>	<b>15.65</b>	<b>18.06</b>	<b>28.16</b>	<b>31.6</b>	<b>38.17</b>	<b>42.85</b>
10.5'	5.44	6.13	7.63	8.16	10.18	10.49	13.11	14.19	16.40	18.92	29.50	33.11	39.99	44.89
10'	<b>5.71</b>	<b>6.43</b>	<b>8.01</b>	<b>8.57</b>	<b>10.69</b>	<b>11.01</b>	<b>13.76</b>	<b>14.90</b>	<b>17.22</b>	<b>19.86</b>	<b>30.98</b>	<b>34.76</b>	<b>41.99</b>	<b>47.14</b>
9.5'	6.01	6.77	8.43	9.02	11.25	11.59	14.49	15.68	18.12	20.91	32.61	36.59	44.20	49.62
9'	<b>6.34</b>	<b>7.15</b>	<b>8.90</b>	<b>9.52</b>	<b>11.88</b>	<b>12.24</b>	<b>15.29</b>	<b>16.55</b>	<b>19.13</b>	<b>22.07</b>	<b>34.42</b>	<b>38.63</b>	<b>46.65</b>	<b>52.38</b>
8.5'	6.72	7.57	9.42	10.08	12.58	12.96	16.19	17.53	20.26	23.37	36.45	40.90	49.40	55.46
8'	<b>7.14</b>	<b>8.04</b>	<b>10.01</b>	<b>10.71</b>	<b>13.36</b>	<b>13.77</b>	<b>17.20</b>	<b>18.62</b>	<b>21.52</b>	<b>24.83</b>	<b>38.72</b>	<b>43.45</b>	<b>52.48</b>	<b>58.92</b>

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

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

REV. A 9/15/04