

Support Calculations

Station	Area (SF)	Arm/Span (FT)	Centroid (FT)	K Value	Supporting Figure	Support Type	SCD Specific Support Type / Size
170+50	81	16.5				Cantileaver (TC-12.31)	Design No. 6
173+25		52		2129.7	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 13
174+98	84	14				Cantileaver (TC-12.31)	Design No. 6
178+08		29		792.75	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 7
10+48						Signal Pole Mounted (TC-41.40)	
178+12		63		3240	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 14
182+68		49		1454.4	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 13
182+93		43		1269.75	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 12
186+63	91	13				Pole Mounted (TC-9.31)	Design No. 4
32+49					TEM 298-16	Ground Mounted (TC-41.10)	2 - W10x12
188+28						Signal Pole Mounted (TC-41.40)	
188+53						Signal Pole Mounted (TC-41.40)	
190+51		56		2074.65	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 13
193+00		38		1239.25	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 12
36+33		53		2483.85	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 13
26+00		72		2794.75	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 14
28+00	56		12.2		TEM 298-16	Ground Mounted (TC-41.10)	2 - W10x12
29+00	56		12.2		TEM 298-16	Ground Mounted (TC-41.10)	2 - W10x12
13+75		51		1022.5	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 12
18+00	56				TEM 298-16	Ground Mounted (TC-41.10)	2 - W10x12
19+00	56				TEM 298-16	Ground Mounted (TC-41.10)	2 - W10x12
902+58.53	190.5	19				Cantileaver (TC-12.31)	Design No. 10
922+27.28	225.5	16				Cantileaver (TC-12.31)	Design No. 12
37+84	192.5	18.5				Cantileaver (TC-12.31)	Design No. 10
33+23	28		11.1		TEM 298-26	Ground Mounted (TC-41.10)	2 - Solid Wood Posts
21+42	28		10.6		TEM 298-26	Ground Mounted (TC-41.10)	2 - Solid Wood Posts
961+11	243.5	21.5				Cantileaver (TC-12.31)	Design No. 12
977+09.75	225.5	18				Cantileaver (TC-12.31)	Design No. 12
990+00	190.5	21				Mount on Existing ITS Truss	Design No. 12
165+63		44		1688.7	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 12
39+11		34		504.9	TEM 240-4.3	Single Arm (TC-16.22)	Design No. 9

