

33 81 Communications Structures

33 81 13 – Communications Transmission Towers

33 81 13.10 Radio Towers

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&F
							Labor	Equipment		
0010	RADIO TOWERS									
0020	Guyed, 50' H, 40 lb. section, 70 MPH basic wind speed	2 Sswk	1	16	Ea.	3,175	990		4,165	5,000
0100	Wind load 90 MPH basic wind speed	"	1	16		4,775	990		5,765	6,750
0300	190' high, 40 lb. section, wind load 70 MPH basic wind speed	K-2	.33	72.727	↓	9,800	4,275	1,150	15,225	18,600
0400	200' high, 70 lb. section, wind load 90 MPH basic wind speed	K-2	.33	72.727	Ea.	16,700	4,275	1,150	22,125	26,250
0600	300' high, 70 lb. section, wind load 70 MPH basic wind speed		.20	120		20,300	7,050	1,875	29,225	35,300
0700	270' high, 90 lb. section, wind load 90 MPH basic wind speed		.20	120		19,300	7,050	1,875	28,225	34,200
0800	400' high, 100 lb. section, wind load 70 MPH basic wind speed		.14	171		33,500	10,100	2,700	46,300	55,000
0900	Self-supporting, 60' high, wind load 70 MPH basic wind speed		.80	30		5,700	1,750	470	7,920	9,500
0910	60' high, wind load 90 MPH basic wind speed		.45	53.333		5,450	3,125	840	9,415	11,700
1000	120' high, wind load 70 MPH basic wind speed		.40	60		8,825	3,525	945	13,295	16,100
1200	190' high, wind load 90 MPH basic wind speed	↓	.20	120		31,300	7,050	1,875	40,225	47,300
2000	For states west of Rocky Mountains, add for shipping				↓	10%				