

03 11 Concrete Forming

03 11 13 – Structural Cast-In-Place Concrete Forming

03 11 13.25 Forms In Place, Columns		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
6100	3 use	C-1	230	.139	SFCA	1.54	7.45		8.99	12.80
6150	4 use		235	.136		1.25	7.30		8.55	12.25
6500	24" x 24" columns, 1 use		190	.168		4.39	9.05		13.44	18.25
6550	2 use		216	.148		2.41	7.95		10.36	14.50
6600	3 use		230	.139		1.75	7.45		9.20	13.05
6650	4 use		238	.134		1.43	7.20		8.63	12.30
7000	36" x 36" columns, 1 use		200	.160		3.71	8.60		12.31	16.85
7050	2 use		230	.139		2.08	7.45		9.53	13.40
7100	3 use		245	.131		1.48	7		8.48	12.10
7150	4 use		250	.128		1.20	6.85		8.05	11.55
7400	Steel framed plywood, based on 50 uses of purchased forms, and 4 uses of bracing lumber									
7420										
7500	8" x 8" column	C-1	340	.094	SFCA	2.39	5.05		7.44	10.15
7550	10" x 10"		350	.091		2.12	4.90		7.02	9.65
7600	12" x 12"		370	.086		1.80	4.64		6.44	8.90
7650	16" x 16"		400	.080		1.40	4.29		5.69	7.95
7700	20" x 20"		420	.076		1.24	4.09		5.33	7.45
7750	24" x 24"		440	.073		.87	3.90		4.77	6.75
7755	30" x 30"		440	.073		1.11	3.90		5.01	7
7760	36" x 36"		460	.070		.98	3.73		4.71	6.65

03 11 13.30 Forms In Place, Culvert

0010	FORMS IN PLACE, CULVERT	R031113-40								
0015	5' to 8' square or rectangular, 1 use	C-1	170	.188	SFCA	6.15	10.10		16.25	22
0050	2 use	R031113-60	180	.178		3.61	9.55		13.16	18.15
0100	3 use		190	.168		2.76	9.05		11.81	16.50
0150	4 use		200	.160		2.33	8.60		10.93	15.30

03 11 13.35 Forms In Place, Elevated Slabs

0010	FORMS IN PLACE, ELEVATED SLABS	R031113-40								
1000	Flat plate, job-built plywood, to 15' high, 1 use	R031113-60	C-2	470	.102	S.F.	5.75	5.60	11.35	14.70
1050	2 use			520	.092		3.17	5.05	8.22	11.05
1100	3 use			545	.088		2.31	4.83	7.14	9.75
1150	4 use			560	.086		1.87	4.70	6.57	9.05
1500	15' to 20' high ceilings, 4 use			495	.097		2.01	5.30	7.31	10.10
1600	21' to 35' high ceilings, 4 use			450	.107		2.44	5.85	8.29	11.40
2000	Flat slab, drop panels, job-built plywood, to 15' high, 1 use			449	.107		6.75	5.85	12.60	16.20
2050	2 use			509	.094		3.73	5.15	8.88	11.80
2100	3 use			532	.090		2.71	4.95	7.66	10.35
2150	4 use			544	.088		2.20	4.84	7.04	9.60
2250	15' to 20' high ceilings, 4 use			480	.100		3.64	5.50	9.14	12.15
2350	20' to 35' high ceilings, 4 use			435	.110		4.05	6.05	10.10	13.45
3000	Floor slab hung from steel beams, 1 use			485	.099		3.89	5.45	9.34	12.40
3050	2 use			535	.090		2.85	4.92	7.77	10.50
3100	3 use			550	.087		2.50	4.79	7.29	9.90
3150	4 use			565	.085		2.33	4.66	6.99	9.50
3500	Floor slab, with 1-way joist pans, 1 use			415	.116		10.55	6.35	16.90	21
3550	2 use			445	.108		7.50	5.90	13.40	17.05
3600	3 use			475	.101		6.45	5.55	12	15.35
3650	4 use			500	.096		5.95	5.25	11.20	14.40
4500	With 2-way waffle domes, 1 use			405	.119		11.15	6.50	17.65	22
4520	2 use			450	.107		8.05	5.85	13.90	17.60
4530	3 use			460	.104		7.05	5.70	12.75	16.25
4550	4 use	C-2	470	.102	S.F.	6.55	5.60		12.15	15.55