

03 30 Cast-In-Place Concrete

03 30 53 – Miscellaneous Cast-In-Place Concrete

03 30 53.40 Concrete In Place		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0840	Up to 3% reinforcing by area	C-14A	10.25	19.512	C.Y.	1,100	1,100	76.50	2,276.50	2,900
0900	24" x 24", up to 1% reinforcing by area		23.66	8.453		360	475	33	868	1,150
0920	Up to 2% reinforcing by area		17.71	11.293		635	635	44	1,314	1,700
0940	Up to 3% reinforcing by area		14.15	14.134		1,000	795	55.50	1,850.50	2,325
1000	36" x 36", up to 1% reinforcing by area		33.69	5.936		320	335	23	678	870
1020	Up to 2% reinforcing by area		23.32	8.576		560	485	33.50	1,078.50	1,375
1040	Up to 3% reinforcing by area		17.82	11.223		940	630	44	1,614	2,025
1100	Columns, round (4000 psi), tied, 12" diameter, up to 1% reinforcing by area		20.97	9.537		505	535	37.50	1,077.50	1,400
1120	Up to 2% reinforcing by area		15.27	13.098		805	735	51	1,591	2,050
1140	Up to 3% reinforcing by area		12.11	16.515		1,200	930	64.50	2,194.50	2,775
1200	16" diameter, up to 1% reinforcing by area		31.49	6.351		455	355	25	835	1,050
1220	Up to 2% reinforcing by area		19.12	10.460		760	590	41	1,391	1,750
1240	Up to 3% reinforcing by area		13.77	14.524		1,125	815	57	1,997	2,525
1300	20" diameter, up to 1% reinforcing by area		41.04	4.873		440	274	19.05	733.05	915
1320	Up to 2% reinforcing by area		24.05	8.316		715	470	32.50	1,217.50	1,525
1340	Up to 3% reinforcing by area		17.01	11.758		1,100	660	46	1,806	2,250
1400	24" diameter, up to 1% reinforcing by area	↓	51.85	3.857	↓	400	217	15.10	632.10	780
1420	Up to 2% reinforcing by area	C-14A	27.06	7.391	C.Y.	700	415	29	1,144	1,425
1440	Up to 3% reinforcing by area		18.29	10.935		1,075	615	43	1,733	2,125
1500	36" diameter, up to 1% reinforcing by area		75.04	2.665		410	150	10.40	570.40	690
1520	Up to 2% reinforcing by area		37.49	5.335		680	300	21	1,001	1,225
1540	Up to 3% reinforcing by area	↓	22.84	8.757	↓	1,050	495	34	1,579	1,925
1900	Elevated slab (4000 psi), flat slab with drops, 125 psf Sup. Load, 20' span	C-14B	38.45	5.410		395	305	20.50	720.50	910
1950	30' span		50.99	4.079		420	229	15.35	664.35	815
2100	Flat plate, 125 psf Sup. Load, 15' span		30.24	6.878		360	385	26	771	1,000
2150	25' span		49.60	4.194		375	235	15.75	625.75	775
2300	Waffle const., 30" domes, 125 psf Sup. Load, 20' span		37.07	5.611		405	315	21	741	940
2350	30' span		44.07	4.720		375	265	17.75	657.75	830
2500	One way joists, 30" pans, 125 psf Sup. Load, 15' span		27.38	7.597		510	425	28.50	963.50	1,225
2550	25' span		31.15	6.677		470	375	25	870	1,100
2700	One way beam & slab, 125 psf Sup. Load, 15' span		20.59	10.102		390	565	38	993	1,325
2750	25' span		28.36	7.334		370	410	27.50	807.50	1,050
2900	Two way beam & slab, 125 psf Sup. Load, 15' span		24.04	8.652		375	485	32.50	892.50	1,175
2950	25' span	↓	35.87	5.799	↓	325	325	22	672	870
3100	Elevated slabs, flat plate, including finish, not									
3110	including forms or reinforcing									
3150	Regular concrete (4000 psi), 4" slab	C-8	2613	.021	S.F.	2.15	1.07	.29	3.51	4.28
3200	6" slab		2585	.022		3.16	1.09	.29	4.54	5.40
3250	2-1/2" thick floor fill		2685	.021		1.40	1.05	.28	2.73	3.40
3300	Lightweight, 110 #/C.F., 2-1/2" thick floor fill		2585	.022		1.34	1.09	.29	2.72	3.40
3400	Cellular concrete, 1-5/8" fill, under 5000 S.F.		2000	.028		.92	1.40	.38	2.70	3.50
3450	Over 10,000 S.F.		2200	.025		.88	1.28	.34	2.50	3.24
3500	Add per floor for 3 to 6 stories high		31800	.002			.09	.02	.11	.16
3520	For 7 to 20 stories high	↓	21200	.003	↓		.13	.04	.17	.24
3540	Equipment pad (3000 psi), 3' x 3' x 6" thick	C-14H	45	1.067	Eq.	66.50	58.50	.62	125.62	161
3550	4' x 4' x 6" thick		30	1.600		101	88	.93	189.93	243
3560	5' x 5' x 8" thick		18	2.667		180	147	1.55	328.55	420
3570	6' x 6' x 8" thick		14	3.429		245	189	1.99	435.99	550
3580	8' x 8' x 10" thick		8	6		510	330	3.48	843.48	1,050
3590	10' x 10' x 12" thick	↓	5	9.600	↓	895	530	5.55	1,430.55	1,775
3800	Footings (3000 psi), spread under 1 C.Y.	C-14C	28	4	C.Y.	256	215	1	472	600
3813	Install new concrete (3000 psi) light pole base, 24" diam. x 8'	C-1	2.66	12.030		405	645		1,050	1,400
3825	1 C.Y. to 5 C.Y.	C-14C	43	2.605	↓	315	140	.65	455.65	555