

31 62 Driven Piles

31 62 23 – Composite Piles

31 62 23.13 Concrete-Filled Steel Piles

		Daily Crew	Labor- Output	Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
0010	CONCRETE-FILLED STEEL PILES no mobilization or demobilization									
2600	Pipe piles, 50' L, 8" diam., 29 lb./L.F., no concrete	B-19	500	.128	V.L.F.	18.70	7.60	4.21	30.51	36.50
2700	Concrete filled		460	.139		23.50	8.25	4.57	36.32	43.50
2900	10" diameter, 34 lb./L.F., no concrete		500	.128		22.50	7.60	4.21	34.31	41
3000	Concrete filled		450	.142		28.50	8.40	4.67	41.57	49
3200	12" diameter, 44 lb./L.F., no concrete	B-19	475	.135	V.L.F.	35	8	4.43	47.43	55.50
3300	Concrete filled		415	.154		34.50	9.15	5.05	48.70	57.50
3500	14" diameter, 46 lb./L.F., no concrete		430	.149		31.50	8.80	4.89	45.19	53.50
3600	Concrete filled		355	.180		37.50	10.70	5.90	54.10	64.50
3800	16" diameter, 52 lb./L.F., no concrete		385	.166		38.50	9.85	5.45	53.80	63
3900	Concrete filled		335	.191		51.50	11.30	6.30	69.10	80.50
4100	18" diameter, 59 lb./L.F., no concrete		355	.180		44	10.70	5.90	60.60	71.50
4200	Concrete filled		310	.206		58.50	12.25	6.80	77.55	90.50
4400	Splices for pipe piles, stl., not in leads, 8" diameter	1 Sswl	5	1.600	Ea.	79.50	99		178.50	241
4410	10" diameter		4.75	1.684		78.50	104		182.50	247
4430	12" diameter		4.50	1.778		98.50	110		208.50	278
4500	14" diameter		4.25	1.882		150	117		267	345
4600	16" diameter		4	2		157	124		281	365
4650	18" diameter		3.75	2.133		175	132		307	395
4710	Steel pipe pile backing rings, w/spacer, 8" diameter		12	.667		8.25	41.50		49.75	72.50
4720	10" diameter		12	.667		10.85	41.50		52.35	75.50
4730	12" diameter		10	.800		13.05	49.50		62.55	91
4740	14" diameter		9	.889		16.70	55		71.70	103
4750	16" diameter		8	1		19.75	62		81.75	117
4760	18" diameter		6	1.333		21.50	82.50		104	151
4800	Points, standard, 8" diameter		4.61	1.735		90.50	108		198.50	266
4840	10" diameter		4.45	1.798		119	111		230	305
4880	12" diameter		4.25	1.882		148	117		265	345
4900	14" diameter		4.05	1.975		198	122		320	405
5000	16" diameter		3.37	2.374		280	147		427	535
5050	18" diameter		3.50	2.286		370	142		512	625
5200	Points, heavy duty, 10" diameter		2.90	2.759		227	171		398	515
5240	12" diameter		2.95	2.712		280	168		448	570
5260	14" diameter		2.95	2.712		277	168		445	565
5280	16" diameter		2.95	2.712		330	168		498	625
5290	18" diameter		2.80	2.857		395	177		572	710
5500	For reinforcing steel, add		1150	.007	Lb.	.71	.43		1.14	1.44
5700	For thick wall sections, add				"	.62			.62	.68

31 63 Bored Piles

31 63 26 – Drilled Caissons

31 63 26.13 Fixed End Caisson Piles

0010	FIXED END CAISSON PILES	R316326-60								
0015	Including excavation, concrete, 50 lb. reinforcing									
0020	per C.Y., not incl. mobilization, boulder removal, disposal									
0100	Open style, machine drilled, to 50' deep, in stable ground, no									
0110	casings or ground water, 18" diam., 0.065 C.Y./L.F.	B-43	200	.240	V.L.F.	12.70	12.05	3.93	28.68	36
0200	24" diameter, 0.116 C.Y./L.F.		190	.253		22.50	12.70	4.14	39.34	48.50
0300	30" diameter, 0.182 C.Y./L.F.		150	.320		35.50	16.10	5.25	56.85	69
0400	36" diameter, 0.262 C.Y./L.F.		125	.384		51	19.30	6.30	76.60	92.50