

31 62 Driven Piles

31 62 16 – Steel Piles

31 62 16.13 Steel Piles		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0800	HP12 x 74	B-19A	590	.108	V.L.F.	33	6.40	5.10	44.50	52
1000	HP14 x 73		540	.119		35	7	5.55	47.55	55.50
1100	HP14 x 89		540	.119		45	7	5.55	57.55	66.50
1300	HP14 x 102		510	.125		51	7.45	5.90	64.35	74.50
1400	HP14 x 117		510	.125		59	7.45	5.90	72.35	83
1600	Splice on standard points, not in leads, 8" or 10"	1 Sswl	5	1.600	Ea.	113	99		212	277
1700	12" or 14"		4	2		159	124		283	365
1900	Heavy duty points, not in leads, 10" wide		4	2		180	124		304	390
2100	14" wide		3.50	2.286		222	142		364	465

31 62 19 – Timber Piles

31 62 19.10 Wood Piles

0010	WOOD PILES									
0011	Friction or end bearing, not including mobilization or demobilization									
0050										
0100	ACZA treated piles, 1.0 lb./C.F., up to 30' long, 12" butts, 8" points	B-19	625	.102	V.L.F.	14.50	6.05	3.36	23.91	29
0200	30' to 39' long, 12" butts, 8" points		700	.091		15.30	5.40	3	23.70	28.50
0300	40' to 49' long, 12" butts, 7" points		720	.089		16.10	5.25	2.92	24.27	29
0400	50' to 59' long, 13" butts, 7" points		800	.080		22.50	4.74	2.63	29.87	35
0500	60' to 69' long, 13" butts, 7" points	B-19	840	.076	V.L.F.	26	4.51	2.50	33.01	38
0600	70' to 80' long, 13" butts, 6" points	"	840	.076	"	26	4.51	2.50	33.01	38.50
0800	ACZA Treated piles, 1.5 lb./C.F.									
0810	friction or end bearing, ASTM class B									
1000	Up to 30' long, 12" butts, 8" points	B-19	625	.102	V.L.F.	17.20	6.05	3.36	26.61	32
1100	30' to 39' long, 12" butts, 8" points		700	.091		17.80	5.40	3	26.20	31
1200	40' to 49' long, 12" butts, 7" points		720	.089		24.50	5.25	2.92	32.67	38.50
1300	50' to 59' long, 13" butts, 7" points		800	.080		26.50	4.74	2.63	33.87	39
1400	60' to 69' long, 13" butts, 6" points	B-19A	840	.076		24	4.51	3.58	32.09	37.50
1500	70' to 80' long, 13" butts, 6" points	"	840	.076		25	4.51	3.58	33.09	38.50
1600	ACZA treated piles, 2.5 lb./C.F.									
1610	8" butts, 10' long	B-19	400	.160	V.L.F.	7.75	9.50	5.25	22.50	29
1620	11' to 16' long		500	.128		7.75	7.60	4.21	19.56	24.50
1630	17' to 20' long		575	.111		7.75	6.60	3.66	18.01	22.50
1640	10" butts, 10' to 16' long		500	.128		22.50	7.60	4.21	34.31	41
1650	17' to 20' long		575	.111		22.50	6.60	3.66	32.76	39
1660	21' to 40' long		700	.091		22.50	5.40	3	30.90	36.50
1670	12" butts, 10' to 20' long		575	.111		28	6.60	3.66	38.26	44.50
1680	21' to 35' long		650	.098		28	5.85	3.24	37.09	43.50
1690	36' to 40' long		700	.091		28.50	5.40	3	36.90	43
1695	14" butts, to 40' long		700	.091		16.05	5.40	3	24.45	29
1700	Boot for pile tip, minimum	1 Pile	27	.296	Ea.	45.50	17.25		62.75	76.50
1800	Maximum		21	.381		136	22		158	185
2000	Point for pile tip, minimum		20	.400		45.50	23.50		69	86
2100	Maximum		15	.533		163	31		194	228
2300	Splice for piles over 50' long, minimum	B-46	35	1.371		57	71.50	1.44	129.94	173
2400	Maximum		20	2.400		74.50	125	2.52	202.02	276
2600	Concrete encasement with wire mesh and tube		331	.145	V.L.F.	74.50	7.55	.15	82.20	93.50
2700	Mobilization for 10,000 L.F. pile job, add	B-19	3300	.019			1.15	.64	1.79	2.45
2800	25,000 L.F. pile job, add	"	8500	.008			.45	.25	.70	.95