

31 56 Slurry Walls

31 56 23 – Lean Concrete Slurry Walls

31 56 23.20 Slurry Trench		Crew	Daily Output	Labor Hours	Unit	Material	2022 Bare Costs		Total	Total Incl 08
0010 SLURRY TRENCH							Labor	Equipment		
0011	Excavated slurry trench in wet soils									
0020	backfilled with 3,000 psi concrete, no reinforcing steel									
0050	Minimum	C-7	333	.216	C.F.	11.80	10.65	7.10	29.55	36
0100	Maximum		200	.360	"	19.80	17.75	11.85	49.40	61
0200	Alternate pricing method, minimum		150	.480	S.F.	23.50	23.50	15.80	62.80	78
0300	Maximum		120	.600		35.50	29.50	19.75	84.75	105
0500	Reinforced slurry trench, minimum	B-48	177	.316		17.70	16.20	6.90	40.80	51
0600	Maximum	"	69	.812		59	41.50	17.75	118.25	147
0800	Haul for disposal, 2 mile haul, excavated material, add	B-34B	99	.081	C.Y.		4.29	7.75	12.04	14
0900	Haul bentonite castings for disposal, add	"	40	.200	"		10.60	19.20	29.80	37

31 62 Driven Piles

31 62 13 – Concrete Piles

31 62 13.23 Prestressed Concrete Piles

0010	PRESTRESSED CONCRETE PILES, 200 piles									
0020	Unless specified otherwise, not incl. pile caps or mobilization									
2200	Precast, prestressed, 50' long, cylinder, 12" diam., 2-3/8" wall	B-19	720	.089	V.L.F.	35	5.25	2.92	43.17	50
2300	14" diameter, 2-1/2" wall		680	.094		36.50	5.55	3.09	45.14	52
2500	16" diameter, 3" wall		640	.100		49.50	5.90	3.29	58.69	67
2600	18" diameter, 3-1/2" wall	B-19A	600	.107		62.50	6.30	5	73.80	83
2800	20" diameter, 4" wall		560	.114		54.50	6.75	5.35	66.60	76
2900	24" diameter, 5" wall		520	.123		77.50	7.30	5.80	90.60	103
3100	Precast, prestressed, 40' long, 10" thick, square	B-19	700	.091		13.95	5.40	3	22.35	27
3200	12" thick, square		680	.094		25	5.55	3.09	33.64	39
3400	14" thick, square		600	.107		28	6.30	3.51	37.81	44
3500	Octagonal		640	.100		27.50	5.90	3.29	36.69	43
3700	16" thick, square		560	.114		29.50	6.75	3.76	40.01	47
3800	Octagonal		600	.107		33	6.30	3.51	42.81	50
4000	18" thick, square	B-19A	520	.123	V.L.F.	51	7.30	5.80	64.10	73
4100	Octagonal	B-19	560	.114		44	6.75	3.76	54.51	63
4300	20" thick, square	B-19A	480	.133		47	7.90	6.25	61.15	70
4400	Octagonal	B-19	520	.123		49.50	7.30	4.04	60.84	70
4600	24" thick, square	B-19A	440	.145		67.50	8.60	6.85	82.95	94
4700	Octagonal	B-19	480	.133		58.50	7.90	4.38	70.78	81
4730	Precast, prestressed, 60' long, 10" thick, square		700	.091		14.65	5.40	3	23.05	27
4740	12" thick, square (60' long)		680	.094		26	5.55	3.09	34.64	40
4750	Mobilization for 10,000 L.F. pile job, add		3300	.019			1.15	.64	1.79	2
4800	25,000 L.F. pile job, add		8500	.008			.45	.25	.70	.95

31 62 16 – Steel Piles

31 62 16.13 Steel Piles

0010	STEEL PILES									
0100	Step tapered, round, concrete filled									
0110	8" tip, 12" butt, 60 ton capacity, 30' depth	B-19	760	.084	V.L.F.	17.05	4.99	2.77	24.81	29
0120	60' depth with extension		740	.086		36.50	5.10	2.84	44.44	51
0130	80' depth with extensions		700	.091		56.50	5.40	3	64.90	73
0250	"H" Sections, 50' long, HP8 x 36		640	.100		17.05	5.90	3.29	26.24	31
0400	HP10 x 42		610	.105		20	6.20	3.45	29.65	35
0500	HP10 x 57		610	.105		26	6.20	3.45	35.65	41
0700	HP12 x 53		590	.108		27	6.40	3.56	36.96	43