

02200 | Site Preparation

02250 Shoring & Underpinning		CREW	DAILY OUTPUT	LABOR HOURS	UNIT	2003 BARE COSTS				TOTAL INCL O&P	
						MAT.	LABOR	EQUIP.	TOTAL		
400	4800 Drive, extract and salvage, 8' deep	B-31	1.32	30.303	M.B.F.	600	800	112	1,512	2,025	400
	5000 For treated lumber add cost of treatment to lumber	R02250-400									
	5010 See division 06073-400	R02250-450									
500	0010 SHORING Existing building, with timber, no salvage allowance	B-51	2.20	21.818	M.B.F.	780	545	54.50	1,379.50	1,775	500
	1000 On cribbing with 35 ton screw jacks, per box and jack	"	3.60	13.333	Jack	43.50	335	33.50	412	605	
	1100 Masonry openings in walls, see div. 02225-320										
600	0010 SLABJACKING										600
	0100 4" thick slab	D-4	1,500	.021	S.F.	.23	.60	.10	.93	1.29	
	0150 6" thick slab		1,200	.027		.33	.75	.13	1.21	1.65	
	0200 8" thick slab		1,000	.032		.39	.90	.15	1.44	1.98	
	0250 10" thick slab		900	.036		.42	1	.17	1.59	2.18	
	0300 12" thick slab		850	.038		.46	1.06	.18	1.70	2.32	
900	0010 VIBROFLOTATION										900
	0900 Vibroflotation compacted sand cylinder, minimum	B-60	750	.075	V.L.F.		2.13	1.64	3.77	5.10	
	0950 Maximum		325	.172			4.93	3.79	8.72	11.70	
	1100 Vibro replacement compacted stone cylinder, minimum		500	.112			3.20	2.47	5.67	7.60	
	1150 Maximum		250	.224			6.40	4.93	11.33	15.25	
	1300 Mobilization and demobilization, minimum		.47	119	Total		3,400	2,625	6,025	8,100	
	1400 Maximum		.14	400	"		11,400	8,800	20,200	27,200	
02260 Excavation Support/Protection											
200	0010 COFFERDAMS Incl. mobilization, temporary sheeting, shore driven	B-40	960	.067	S.F.	11.45	2.10	2.43	15.98	18.60	200
	0060 Barge driven	"	550	.116	"	11.45	3.67	4.24	19.36	23	
	6000 See also div. 02250-400										
700	0010 SLURRY TRENCH Excavated slurry trench in wet soils										700
	0020 backfilled with 3000 PSI concrete, no reinforcing steel										
	0050 Minimum	C-7	333	.216	C.F.	5.20	5.80	3.73	14.73	18.70	
	0100 Maximum		200	.360		8.70	9.65	6.20	24.55	31.50	
	0200 Alternate pricing method, minimum		150	.480	S.F.	10.35	12.85	8.30	31.50	40.50	
	0300 Maximum		120	.600		15.55	16.05	10.35	41.95	53	
	0500 Reinforced slurry trench, minimum	B-48	177	.316		7.80	8.75	14.40	30.95	38	
	0600 Maximum	"	69	.812		26	22.50	37	85.50	104	
	0800 Haul for disposal, 2 mile haul, excavated material, add	B-348	99	.081	C.Y.		2.07	4.54	6.61	8.15	
	0900 Haul bentonite castings for disposal, add	"	40	.200	"		5.15	11.25	16.40	20	
850	0010 SOLDIER BEAMS & LAGGING H piles with 3" wood sheeting										850
	0020 horizontal between piles, including removal of wales & braces										
	0100 No hydrostatic head, 15' deep, 1 line of braces, minimum	B-50	545	.205	S.F.	7.80	6.20	3.18	17.18	22	
	0200 Maximum		495	.226		8.70	6.80	3.50	19	24.50	
	0400 15' to 22' deep with 2 lines of braces, 10" H, minimum		360	.311		9.20	9.35	4.81	23.36	30.50	
	0500 Maximum		330	.339		10.45	10.20	5.25	25.90	34	
	0700 23' to 35' deep with 3 lines of braces, 12" H, minimum		325	.345		12.05	10.35	5.30	27.70	36	
	0800 Maximum		295	.380		13.05	11.40	5.85	30.30	39.50	
	1000 36' to 45' deep with 4 lines of braces, 14" H, minimum		290	.386		13.50	11.60	5.95	31.05	40	
	1100 Maximum		265	.423		14.20	12.70	6.55	33.45	43.50	
	1300 No hydrostatic head, left in place, 15' dp., 1 line of braces, min.		635	.176		10.45	5.30	2.73	18.48	23	
	1400 Maximum		575	.195		11.20	5.85	3.01	20.06	25	
	1600 15' to 22' deep with 2 lines of braces, minimum		455	.246		15.65	7.40	3.80	26.85	33.50	
	1700 Maximum		415	.270		17.40	8.10	4.17	29.67	37	
	1900 23' to 35' deep with 3 lines of braces, minimum		420	.267		18.65	8	4.12	30.77	38	
	2000 Maximum		380	.295		20.50	8.85	4.55	33.90	42	
	2200 36' to 45' deep with 4 lines of braces, minimum		385	.291		22.50	8.75	4.49	35.74	43.50	
	2300 Maximum		350	.320		26	9.60	4.94	40.54	49.50	