

# 31 23 Excavation and Fill

## 31 23 23 - Fill

31 23 23.20 Hauling		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0034	cycle 6 miles	B-34A	136	.059	L.C.Y.		3.12	2.88	6	7.85
0036	cycle 8 miles		112	.071			3.79	3.50	7.29	9.50
0044	25 MPH avg., cycle 4 miles		192	.042			2.21	2.04	4.25	5.55
0046	cycle 6 miles		160	.050			2.65	2.45	5.10	6.65
0048	cycle 8 miles		128	.063			3.32	3.06	6.38	8.30
0050	30 MPH avg., cycle 4 miles		216	.037			1.96	1.81	3.77	4.94
0052	cycle 6 miles		176	.045			2.41	2.23	4.64	6.05
0054	cycle 8 miles		144	.056			2.95	2.72	5.67	7.40
0114	15 MPH avg., cycle 0.5 mile, 15 min. wait/lid./uld.		224	.036			1.89	1.75	3.64	4.76
0116	cycle 1 mile		200	.040			2.12	1.96	4.08	5.35
0118	cycle 2 miles		168	.048			2.53	2.33	4.86	6.35
0120	cycle 4 miles		120	.067			3.54	3.27	6.81	8.90
0122	cycle 6 miles		96	.083			4.42	4.08	8.50	11.10
0124	cycle 8 miles		80	.100			5.30	4.90	10.20	13.35
0126	20 MPH avg., cycle 0.5 mile		232	.034			1.83	1.69	3.52	4.59
0128	cycle 1 mile		208	.038			2.04	1.88	3.92	5.10
0130	cycle 2 miles		184	.043			2.31	2.13	4.44	5.80
0132	cycle 4 miles		144	.056			2.95	2.72	5.67	7.40
0134	cycle 6 miles		112	.071			3.79	3.50	7.29	9.50
0136	cycle 8 miles		96	.083			4.42	4.08	8.50	11.10
0144	25 MPH avg., cycle 4 miles		152	.053			2.79	2.58	5.37	7
0146	cycle 6 miles		128	.063			3.32	3.06	6.38	8.30
0148	cycle 8 miles		112	.071			3.79	3.50	7.29	9.50
0150	30 MPH avg., cycle 4 miles		168	.048			2.53	2.33	4.86	6.35
0152	cycle 6 miles		144	.056			2.95	2.72	5.67	7.40
0154	cycle 8 miles		120	.067			3.54	3.27	6.81	8.90
0214	15 MPH avg., cycle 0.5 mile, 20 min. wait/lid./uld.		176	.045			2.41	2.23	4.64	6.05
0216	cycle 1 mile		160	.050			2.65	2.45	5.10	6.65
0218	cycle 2 miles		136	.059			3.12	2.88	6	7.85
0220	cycle 4 miles		104	.077			4.08	3.77	7.85	10.25
0222	cycle 6 miles		88	.091			4.82	4.45	9.27	12.10
0224	cycle 8 miles		72	.111			5.90	5.45	11.35	14.80
0226	20 MPH avg., cycle 0.5 mile		176	.045			2.41	2.23	4.64	6.05
0228	cycle 1 mile		168	.048			2.53	2.33	4.86	6.35
0230	cycle 2 miles		144	.056			2.95	2.72	5.67	7.40
0232	cycle 4 miles		120	.067			3.54	3.27	6.81	8.90
0234	cycle 6 miles	B-34A	96	.083	L.C.Y.		4.42	4.08	8.50	11.10
0236	cycle 8 miles		88	.091			4.82	4.45	9.27	12.10
0244	25 MPH avg., cycle 4 miles		128	.063			3.32	3.06	6.38	8.30
0246	cycle 6 miles		112	.071			3.79	3.50	7.29	9.50
0248	cycle 8 miles		96	.083			4.42	4.08	8.50	11.10
0250	30 MPH avg., cycle 4 miles		136	.059			3.12	2.88	6	7.85
0252	cycle 6 miles		120	.067			3.54	3.27	6.81	8.90
0254	cycle 8 miles		104	.077			4.08	3.77	7.85	10.25
0314	15 MPH avg., cycle 0.5 mile, 25 min. wait/lid./uld.		144	.056			2.95	2.72	5.67	7.40
0316	cycle 1 mile		128	.063			3.32	3.06	6.38	8.30
0318	cycle 2 miles		112	.071			3.79	3.50	7.29	9.50
0320	cycle 4 miles		96	.083			4.42	4.08	8.50	11.10
0322	cycle 6 miles		80	.100			5.30	4.90	10.20	13.35
0324	cycle 8 miles		64	.125			6.65	6.15	12.80	16.65
0326	20 MPH avg., cycle 0.5 mile		144	.056			2.95	2.72	5.67	7.40
0328	cycle 1 mile		136	.059			3.12	2.88	6	7.85
0330	cycle 2 miles		120	.067			3.54	3.27	6.81	8.90