

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&F
							Labor	Equipment		
9496	cycle 10 miles	B-34I	216	.037	L.C.Y.		1.96	3.53	5.49	6.8
9498	cycle 20 miles		162	.049			2.62	4.70	7.32	9.0
9500	cycle 30 miles		126	.063			3.37	6.05	9.42	11.7
9502	cycle 40 miles		108	.074			3.93	7.05	10.98	13.6
9504	cycle 50 miles		90	.089			4.72	8.45	13.17	16.3
9506	50 MPH avg., cycle 10 miles		234	.034			1.81	3.26	5.07	6.3
9508	cycle 20 miles		180	.044			2.36	4.23	6.59	8.1
9510	cycle 30 miles		144	.056			2.95	5.30	8.25	10.2
9512	cycle 40 miles		108	.074			3.93	7.05	10.98	13.6
9514	cycle 50 miles		90	.089			4.72	8.45	13.17	16.3
9614	30 min. wait/ld./uld., 15 MPH, cycle 0.5 mi.		270	.030			1.57	2.82	4.39	5.4
9616	cycle 1 mile		252	.032			1.68	3.02	4.70	5.8
9618	cycle 2 miles		216	.037			1.96	3.53	5.49	6.8
9620	cycle 4 miles		180	.044			2.36	4.23	6.59	8.1
9622	cycle 6 miles		162	.049			2.62	4.70	7.32	9.0
9624	cycle 8 miles		126	.063			3.37	6.05	9.42	11.7
9625	cycle 10 miles		126	.063			3.37	6.05	9.42	11.7
9626	20 MPH avg., cycle 0.5 mile		270	.030			1.57	2.82	4.39	5.4
9628	cycle 1 mile		252	.032			1.68	3.02	4.70	5.8
9630	cycle 2 miles		234	.034			1.81	3.26	5.07	6.3
9632	cycle 4 miles		198	.040			2.14	3.85	5.99	7.4
9634	cycle 6 miles		180	.044			2.36	4.23	6.59	8.1
9636	cycle 8 miles		162	.049			2.62	4.70	7.32	9.0
9638	cycle 10 miles		144	.056			2.95	5.30	8.25	10.2
9640	25 MPH avg., cycle 4 miles		216	.037			1.96	3.53	5.49	6.8
9642	cycle 6 miles		198	.040			2.14	3.85	5.99	7.4
9644	cycle 8 miles		180	.044			2.36	4.23	6.59	8.1
9646	cycle 10 miles		162	.049			2.62	4.70	7.32	9.0
9650	30 MPH avg., cycle 4 miles		216	.037			1.96	3.53	5.49	6.8
9652	cycle 6 miles		198	.040			2.14	3.85	5.99	7.4
9654	cycle 8 miles		180	.044			2.36	4.23	6.59	8.1
9656	cycle 10 miles		162	.049			2.62	4.70	7.32	9.0
9660	35 MPH avg., cycle 4 miles		234	.034			1.81	3.26	5.07	6.3
9662	cycle 6 miles		216	.037			1.96	3.53	5.49	6.8
9664	cycle 8 miles		198	.040			2.14	3.85	5.99	7.4
9666	cycle 10 miles		180	.044			2.36	4.23	6.59	8.1
9668	cycle 20 miles		126	.063			3.37	6.05	9.42	11.7
9670	cycle 30 miles		108	.074			3.93	7.05	10.98	13.6
9672	cycle 40 miles	B-34I	90	.089	L.C.Y.		4.72	8.45	13.17	16.3
9674	40 MPH avg., cycle 6 miles		216	.037			1.96	3.53	5.49	6.8
9676	cycle 8 miles		198	.040			2.14	3.85	5.99	7.4
9678	cycle 10 miles		180	.044			2.36	4.23	6.59	8.1
9680	cycle 20 miles		144	.056			2.95	5.30	8.25	10.2
9682	cycle 30 miles		108	.074			3.93	7.05	10.98	13.6
9684	cycle 40 miles		90	.089			4.72	8.45	13.17	16.3
9686	cycle 50 miles		72	.111			5.90	10.60	16.50	20.5
9694	45 MPH avg., cycle 8 miles		216	.037			1.96	3.53	5.49	6.8
9696	cycle 10 miles		198	.040			2.14	3.85	5.99	7.4
9698	cycle 20 miles		144	.056			2.95	5.30	8.25	10.2
9700	cycle 30 miles		126	.063			3.37	6.05	9.42	11.7
9702	cycle 40 miles		108	.074			3.93	7.05	10.98	13.6
9704	cycle 50 miles		90	.089			4.72	8.45	13.17	16.3
9706	50 MPH avg., cycle 10 miles		198	.040			2.14	3.85	5.99	7.4