

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		
9278		cycle 10 miles	B-341	234	.034	L.C.Y.		1.81	3.26	5.07	6.30
9280		cycle 20 miles		162	.049			2.62	4.70	7.32	9.05
9282		cycle 30 miles		126	.063			3.37	6.05	9.42	11.70
9284		cycle 40 miles		108	.074			3.93	7.05	10.98	13.60
9286		cycle 50 miles		90	.089			4.72	8.45	13.17	16.35
9294	45 MPH avg.,	cycle 8 miles		270	.030			1.57	2.82	4.39	5.45
9296		cycle 10 miles		252	.032			1.68	3.02	4.70	5.85
9298		cycle 20 miles		180	.044			2.36	4.23	6.59	8.15
9300		cycle 30 miles		144	.056			2.95	5.30	8.25	10.20
9302		cycle 40 miles		108	.074			3.93	7.05	10.98	13.60
9304		cycle 50 miles		90	.089			4.72	8.45	13.17	16.35
9306	50 MPH avg.,	cycle 10 miles		270	.030			1.57	2.82	4.39	5.45
9308		cycle 20 miles		198	.040			2.14	3.85	5.99	7.45
9310		cycle 30 miles	B-341	144	.056	L.C.Y.		2.95	5.30	8.25	10.20
9312		cycle 40 miles		126	.063			3.37	6.05	9.42	11.70
9314		cycle 50 miles		108	.074			3.93	7.05	10.98	13.60
9414	25 min. wait/ld./uld.,	15 MPH, cycle 0.5 mi.		306	.026			1.39	2.49	3.88	4.81
9416		cycle 1 mile		288	.028			1.47	2.64	4.11	5.10
9418		cycle 2 miles		252	.032			1.68	3.02	4.70	5.85
9420		cycle 4 miles		198	.040			2.14	3.85	5.99	7.45
9422		cycle 6 miles		180	.044			2.36	4.23	6.59	8.15
9424		cycle 8 miles		144	.056			2.95	5.30	8.25	10.20
9425		cycle 10 miles		126	.063			3.37	6.05	9.42	11.70
9426	20 MPH avg.,	cycle 0.5 mile		324	.025			1.31	2.35	3.66	4.55
9428		cycle 1 mile		306	.026			1.39	2.49	3.88	4.81
9430		cycle 2 miles		270	.030			1.57	2.82	4.39	5.45
9432		cycle 4 miles		234	.034			1.81	3.26	5.07	6.30
9434		cycle 6 miles		198	.040			2.14	3.85	5.99	7.45
9436		cycle 8 miles		180	.044			2.36	4.23	6.59	8.15
9438		cycle 10 miles		144	.056			2.95	5.30	8.25	10.20
9440	25 MPH avg.,	cycle 4 miles		252	.032			1.68	3.02	4.70	5.85
9442		cycle 6 miles		216	.037			1.96	3.53	5.49	6.80
9444		cycle 8 miles		198	.040			2.14	3.85	5.99	7.45
9446		cycle 10 miles		180	.044			2.36	4.23	6.59	8.15
9450	30 MPH avg.,	cycle 4 miles		252	.032			1.68	3.02	4.70	5.85
9452		cycle 6 miles		234	.034			1.81	3.26	5.07	6.30
9454		cycle 8 miles		198	.040			2.14	3.85	5.99	7.45
9456		cycle 10 miles		180	.044			2.36	4.23	6.59	8.15
9460	35 MPH avg.,	cycle 4 miles		270	.030			1.57	2.82	4.39	5.45
9462		cycle 6 miles		234	.034			1.81	3.26	5.07	6.30
9464		cycle 8 miles		216	.037			1.96	3.53	5.49	6.80
9466		cycle 10 miles		198	.040			2.14	3.85	5.99	7.45
9468		cycle 20 miles		144	.056			2.95	5.30	8.25	10.20
9470		cycle 30 miles		108	.074			3.93	7.05	10.98	13.60
9472		cycle 40 miles		90	.089			4.72	8.45	13.17	16.35
9474	40 MPH avg.,	cycle 6 miles		252	.032			1.68	3.02	4.70	5.85
9476		cycle 8 miles		234	.034			1.81	3.26	5.07	6.30
9478		cycle 10 miles		216	.037			1.96	3.53	5.49	6.80
9480		cycle 20 miles		144	.056			2.95	5.30	8.25	10.20
9482		cycle 30 miles		126	.063			3.37	6.05	9.42	11.70
9484		cycle 40 miles		90	.089			4.72	8.45	13.17	16.35
9486		cycle 50 miles		90	.089			4.72	8.45	13.17	16.35
9494	45 MPH avg.,	cycle 8 miles	B-341	234	.034	L.C.Y.		1.81	3.26	5.07	6.30