

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		
1454	cycle 8 miles	B-34B	132	.061	L.C.Y.		3.22	5.80	9.02	11.2
1456	cycle 10 miles		120	.067			3.54	6.40	9.94	12.3
1460	35 MPH avg., cycle 4 miles		180	.044			2.36	4.26	6.62	8.2
1462	cycle 6 miles		156	.051			2.72	4.92	7.64	9.4
1464	cycle 8 miles		144	.056			2.95	5.35	8.30	10.2
1466	cycle 10 miles		132	.061			3.22	5.80	9.02	11.2
1468	cycle 20 miles		96	.083			4.42	8	12.42	15.4
1469	cycle 30 miles		72	.111			5.90	10.65	16.55	20.5
1470	cycle 40 miles		60	.133			7.05	12.80	19.85	24.5
1472	40 MPH avg., cycle 6 miles		168	.048			2.53	4.57	7.10	8.8
1474	cycle 8 miles		156	.051			2.72	4.92	7.64	9.4
1476	cycle 10 miles		144	.056			2.95	5.35	8.30	10.2
1478	cycle 20 miles		96	.083			4.42	8	12.42	15.4
1480	cycle 30 miles		84	.095			5.05	9.15	14.20	17.6
1482	cycle 40 miles		60	.133			7.05	12.80	19.85	24.5
1484	cycle 50 miles		60	.133			7.05	12.80	19.85	24.5
1494	45 MPH avg., cycle 8 miles		156	.051			2.72	4.92	7.64	9.4
1496	cycle 10 miles	B-34B	144	.056	L.C.Y.		2.95	5.35	8.30	10.2
1498	cycle 20 miles		108	.074			3.93	7.10	11.03	13.6
1500	cycle 30 miles		84	.095			5.05	9.15	14.20	17.6
1502	cycle 40 miles		72	.111			5.90	10.65	16.55	20.5
1504	cycle 50 miles		60	.133			7.05	12.80	19.85	24.5
1506	50 MPH avg., cycle 10 miles		156	.051			2.72	4.92	7.64	9.4
1508	cycle 20 miles		120	.067			3.54	6.40	9.94	12.3
1510	cycle 30 miles		96	.083			4.42	8	12.42	15.4
1512	cycle 40 miles		72	.111			5.90	10.65	16.55	20.5
1514	cycle 50 miles		60	.133			7.05	12.80	19.85	24.5
1614	15 MPH avg., cycle 0.5 mile, 30 min. wait/ld./uld.		180	.044			2.36	4.26	6.62	8.2
1616	cycle 1 mile		168	.048			2.53	4.57	7.10	8.8
1618	cycle 2 miles		144	.056			2.95	5.35	8.30	10.2
1620	cycle 4 miles		120	.067			3.54	6.40	9.94	12.3
1622	cycle 6 miles		108	.074			3.93	7.10	11.03	13.6
1624	cycle 8 miles		84	.095			5.05	9.15	14.20	17.6
1625	cycle 10 miles		84	.095			5.05	9.15	14.20	17.6
1626	20 MPH avg., cycle 0.5 mile		180	.044			2.36	4.26	6.62	8.2
1628	cycle 1 mile		168	.048			2.53	4.57	7.10	8.8
1630	cycle 2 miles		156	.051			2.72	4.92	7.64	9.4
1632	cycle 4 miles		132	.061			3.22	5.80	9.02	11.2
1634	cycle 6 miles		120	.067			3.54	6.40	9.94	12.3
1636	cycle 8 miles		108	.074			3.93	7.10	11.03	13.6
1638	cycle 10 miles		96	.083			4.42	8	12.42	15.4
1640	25 MPH avg., cycle 4 miles		144	.056			2.95	5.35	8.30	10.2
1642	cycle 6 miles		132	.061			3.22	5.80	9.02	11.2
1644	cycle 8 miles		108	.074			3.93	7.10	11.03	13.6
1646	cycle 10 miles		108	.074			3.93	7.10	11.03	13.6
1650	30 MPH avg., cycle 4 miles		144	.056			2.95	5.35	8.30	10.2
1652	cycle 6 miles		132	.061			3.22	5.80	9.02	11.2
1654	cycle 8 miles		120	.067			3.54	6.40	9.94	12.3
1656	cycle 10 miles		108	.074			3.93	7.10	11.03	13.6
1660	35 MPH avg., cycle 4 miles		156	.051			2.72	4.92	7.64	9.4
1662	cycle 6 miles		144	.056			2.95	5.35	8.30	10.2
1664	cycle 8 miles		132	.061			3.22	5.80	9.02	11.2
1666	cycle 10 miles		120	.067			3.54	6.40	9.94	12.3