

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew A-1</b>						
1 Building Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.45	\$33.75
1 Gas Eng. Power Tool		68.65		75.50	8.58	9.44
8 L.H., Daily Totals		\$240.25		\$345.50	\$30.03	\$43.19
<b>Crew A-1A</b>						
1 Skilled Worker	\$28.05	\$224.40	\$44.25	\$354.00	\$28.05	\$44.25
1 Shot Blaster, 20"		131.90		145.10	16.49	18.14
8 L.H., Daily Totals		\$356.30		\$499.10	\$44.54	\$62.39
<b>Crew A-2</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.55	\$33.60
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Light Truck, 1.5 Ton		171.95		189.15	7.16	7.88
24 L.H., Daily Totals		\$689.15		\$995.55	\$28.71	\$41.48
<b>Crew A-2A</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.55	\$33.60
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Light Truck, 1.5 ton		171.95		189.15		
1 Concrete Saw		110.65		121.70	11.78	12.95
24 L.H., Daily Totals		\$799.80		\$1117.25	\$33.33	\$46.55
<b>Crew A-3</b>						
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Dump Truck, 12 Ton		364.30		400.75	45.54	50.09
8 L.H., Daily Totals		\$541.10		\$671.55	\$67.64	\$83.94
<b>Crew A-3A</b>						
1 Truck Driver (light)	\$21.75	\$174.00	\$33.30	\$266.40	\$21.75	\$33.30
1 Pickup truck (4x4)		145.50		160.05	18.19	20.01
8 L.H., Daily Totals		\$319.50		\$426.45	\$39.94	\$53.31
<b>Crew A-3B</b>						
1 Equip. Oper. (medium)	\$28.40	\$227.20	\$43.20	\$345.60	\$25.25	\$38.53
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Dump Truck, 16 Ton		442.25		486.50	27.64	30.40
16 L.H., Daily Totals		\$846.25		\$1102.90	\$52.89	\$68.93
<b>Crew A-3C</b>						
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$27.20	\$41.35
1 Wheeled Skid Steer Loader		230.25		253.30	28.78	31.66
8 L.H., Daily Totals		\$447.85		\$584.10	\$55.98	\$73.01
<b>Crew A-4</b>						
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$26.50	\$41.33
1 Painter, Ordinary	24.90	199.20	38.10	304.80		
24 L.H., Daily Totals		\$636.00		\$992.00	\$26.50	\$41.33
<b>Crew A-5</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.48	\$33.70
.25 Truck Driver (light)	21.75	43.50	33.30	66.60		
.25 Light Truck, 1.5 Ton		42.99		47.30	2.39	2.63
18 L.H., Daily Totals		\$429.69		\$653.90	\$23.87	\$36.33
<b>Crew A-6</b>						
1 Chief Of Party	\$27.20	\$217.60	\$41.35	\$330.80	\$25.63	\$38.97
1 Instrument Man	24.05	192.40	36.60	292.80		
16 L.H., Daily Totals		\$410.00		\$623.60	\$25.63	\$38.97

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew A-7</b>						
1 Chief Of Party	\$27.20	\$217.60	\$41.35	\$330.80	\$24.03	\$36.92
1 Instrument Man	24.05	192.40	36.60	292.80		
1 Rodman/Chainman	20.85	166.80	32.80	262.40		
24 L.H., Daily Totals		\$576.80		\$886.00	\$24.03	\$36.92
<b>Crew A-8</b>						
1 Chief Of Party	\$27.20	\$217.60	\$41.35	\$330.80	\$23.24	\$35.89
1 Instrument Man	24.05	192.40	36.60	292.80		
2 Rodmen/Chainmen	20.85	333.60	32.80	524.80		
32 L.H., Daily Totals		\$743.60		\$1148.40	\$23.24	\$35.89
<b>Crew A-9</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.51	\$49.25
7 Asbestos Workers	30.45	1705.20	49.15	2752.40		
64 L.H., Daily Totals		\$1952.80		\$3152.00	\$30.51	\$49.25
<b>Crew A-10</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.51	\$49.25
7 Asbestos Workers	30.45	1705.20	49.15	2752.40		
64 L.H., Daily Totals		\$1952.80		\$3152.00	\$30.51	\$49.25
<b>Crew A-10A</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.62	\$49.42
2 Asbestos Workers	30.45	487.20	49.15	786.40		
24 L.H., Daily Totals		\$734.80		\$1186.00	\$30.62	\$49.42
<b>Crew A-10B</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.58	\$49.35
3 Asbestos Workers	30.45	730.80	49.15	1179.60		
32 L.H., Daily Totals		\$978.40		\$1579.20	\$30.58	\$49.35
<b>Crew A-10C</b>						
3 Asbestos Workers	\$30.45	\$730.80	\$49.15	\$1179.60	\$30.45	\$49.15
1 Flatbed truck		171.95		189.15	7.16	7.88
24 L.H., Daily Totals		\$902.75		\$1368.75	\$37.61	\$57.03
<b>Crew A-10D</b>						
2 Asbestos Workers	\$30.45	\$487.20	\$49.15	\$786.40	\$28.58	\$44.89
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hydraulic crane, 33 ton		694.95		764.45	21.72	23.89
32 L.H., Daily Totals		\$1609.35		\$2200.85	\$50.30	\$68.78
<b>Crew A-11</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.51	\$49.25
7 Asbestos Workers	30.45	1705.20	49.15	2752.40		
2 Chipping Hammers		25.90		28.50	.40	.45
64 L.H., Daily Totals		\$1978.70		\$3180.50	\$30.91	\$49.70
<b>Crew A-12</b>						
1 Asbestos Foreman	\$30.95	\$247.60	\$49.95	\$399.60	\$30.51	\$49.25
7 Asbestos Workers	30.45	1705.20	49.15	2752.40		
1 Large Prod. Vac. Loader		524.90		577.40	8.20	9.02
64 L.H., Daily Totals		\$2477.70		\$3729.40	\$38.71	\$58.27
<b>Crew A-13</b>						
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$27.20	\$41.35
1 Large Prod. Vac. Loader		524.90		577.40	65.61	72.17
8 L.H., Daily Totals		\$742.50		\$908.20	\$92.81	\$113.52

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-1</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.12	\$34.80
2 Laborers	21.45	343.20	33.75	540.00		
24 L.H., Daily Totals		\$530.80		\$835.20	\$22.12	\$34.80
<b>Crew B-2</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.85	\$34.38
4 Laborers	21.45	686.40	33.75	1080.00		
40 L.H., Daily Totals		\$874.00		\$1375.20	\$21.85	\$34.38
<b>Crew B-3</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.16	\$35.88
2 Laborers	21.45	343.20	33.75	540.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 F.E. Loader, T.M., 2.5 C.Y.		865.10		951.60		
2 Dump Trucks, 16 Ton		884.50		972.95	36.45	40.10
48 L.H., Daily Totals		\$2861.20		\$3646.95	\$59.61	\$75.98
<b>Crew B-3A</b>						
4 Laborers	\$21.45	\$686.40	\$33.75	\$1080.00	\$22.84	\$35.64
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Hyd. Excavator, 1.5 C.Y.		712.70		783.95	17.82	19.60
40 L.H., Daily Totals		\$1626.30		\$2209.55	\$40.66	\$55.24
<b>Crew B-3B</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.35	\$36.14
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Truck Drivers (heavy)	22.10	176.80	33.85	270.80		
1 Backhoe Loader, 80 H.P.		290.10		319.10		
1 Dump Trucks, 16 Ton		442.25		486.50	22.89	25.17
32 L.H., Daily Totals		\$1479.55		\$1962.00	\$46.24	\$61.31
<b>Crew B-3C</b>						
3 Laborers	\$21.45	\$514.80	\$33.75	\$810.00	\$23.19	\$36.11
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 F.E. Loader, 3.75 C.Y.		576.90		634.60	18.03	19.83
32 L.H., Daily Totals		\$1318.90		\$1790.20	\$41.22	\$55.94
<b>Crew B-4</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.89	\$34.29
4 Laborers	21.45	686.40	33.75	1080.00		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Tractor, 4 x 2, 195 H.P.		324.05		356.45		
1 Platform Trailer		150.70		165.75	9.89	10.88
48 L.H., Daily Totals		\$1525.55		\$2168.20	\$31.78	\$45.17
<b>Crew B-5</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.72	\$36.90
4 Laborers	21.45	686.40	33.75	1080.00		
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
1 Air Compr., 250 C.F.M.		124.90		137.40		
2 Air Tools & Accessories		39.00		42.90		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05		
1 F.E. Loader, T.M., 2.5 C.Y.		865.10		951.60	18.67	20.53
56 L.H., Daily Totals		\$2373.80		\$3216.35	\$42.39	\$57.43

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-5A</b>						
1 Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.36	\$36.24
6 Laborers	21.45	1029.60	33.75	1620.00		
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Air Compr. 365 C.F.M.		174.30		191.75		
2 Pavement Breakers		39.00		42.90		
8 Air Hoses w/Coup., 1"		41.60		45.75		
2 Dump Trucks, 12 Ton		728.60		801.45	10.24	11.27
96 L.H., Daily Totals		\$3226.30		\$4560.65	\$33.60	\$47.51
<b>Crew B-5B</b>						
1 Powderman	\$28.05	\$224.40	\$44.25	\$354.00	\$25.19	\$38.70
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
3 Truck Drivers (heavy)	22.10	530.40	33.85	812.40		
1 F.E. Ldr. 2-1/2 CY		450.50		495.55		
3 Dump Trucks, 16 Ton		1326.75		1459.45		
1 Air Compr. 365 C.F.M.		174.30		191.75	40.66	44.72
48 L.H., Daily Totals		\$3160.75		\$4004.35	\$65.85	\$83.42
<b>Crew B-5C</b>						
3 Laborers	\$21.45	\$514.80	\$33.75	\$810.00	\$23.79	\$36.67
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
2 Dump Truck, 16 Ton		884.50		972.95		
1 F.E. Ldr. 3.75 C.Y.		1142.00		1256.20		
1 Hyd. Crane, 25 Ton		547.90		602.70	40.23	44.25
64 L.H., Daily Totals		\$4097.20		\$5179.05	\$64.02	\$80.92
<b>Crew B-6</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.37	\$36.28
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Backhoe Loader, 48 H.P.		218.80		240.70	9.12	10.03
24 L.H., Daily Totals		\$779.60		\$1111.50	\$32.49	\$46.31
<b>Crew B-6A</b>						
.5 Labor Foreman (outside)	\$23.45	\$93.80	\$36.90	\$147.60	\$24.63	\$38.16
1 Laborers	21.45	171.60	33.75	270.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Vacuum Trk., 5000 Gal		320.15		352.15	16.01	17.61
20 L.H., Daily Totals		\$812.75		\$1115.35	\$40.64	\$55.77
<b>Crew B-7</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.94	\$35.85
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Chipping Machine		214.10		235.50		
1 F.E. Loader, T.M., 2.5 C.Y.		865.10		951.60		
2 Chain Saws, 36"		106.10		116.70	24.69	27.16
48 L.H., Daily Totals		\$2286.50		\$3024.60	\$47.63	\$63.01
<b>Crew B-7A</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.37	\$36.28
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Rake w/Tractor		218.90		240.80		
2 Chain Saws, 18"		54.60		60.05	11.40	12.54
24 L.H., Daily Totals		\$834.30		\$1171.65	\$34.77	\$48.82

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Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-8	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.93	\$36.89
2 Laborers	21.45	343.20	33.75	540.00		
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Hyd. Crane, 25 Ton		549.35		604.30		
1 F.E. Loader, T.M., 2.5 C.Y.		865.10		951.60		
2 Dump Trucks, 16 Ton		884.50		972.95	35.92	39.51
64 L.H., Daily Totals		\$3830.15		\$4889.65	\$59.85	\$76.40
Crew B-9	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.85	\$34.38
4 Laborers	21.45	686.40	33.75	1080.00		
1 Air Compr., 250 C.F.M.		124.90		137.40		
2 Air Tools & Accessories		39.00		42.90		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05	4.51	4.96
40 L.H., Daily Totals		\$1054.30		\$1573.55	\$26.36	\$39.34
Crew B-9A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.67	\$33.78
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Water Tanker		205.10		225.60		
1 Tractor		324.05		356.45		
2-50 Ft. Disch. Hoses		10.80		11.90	22.50	24.75
24 L.H., Daily Totals		\$1059.95		\$1404.75	\$44.17	\$58.53
Crew B-9B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.67	\$33.78
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
2-50 Ft. Disch. Hoses		10.80		11.90		
1 Water Tanker		205.10		225.60		
1 Tractor		324.05		356.45		
1 Pressure Washer		55.40		60.95	24.81	27.29
24 L.H., Daily Totals		\$1115.35		\$1465.70	\$46.48	\$61.07
Crew B-9C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.85	\$34.38
4 Laborers	21.45	686.40	33.75	1080.00		
1 Air Compr., 250 C.F.M.		124.90		137.40		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05		
2 Breaker, Pavement, 60 lb.		39.00		42.90	4.51	4.96
40 L.H., Daily Totals		\$1054.30		\$1573.55	\$26.36	\$39.34
Crew B-10	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
12 L.H., Daily Totals		\$313.00		\$480.60	\$26.08	\$40.05
Crew B-10A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Roll. Compact., 2K Lbs.		93.05		102.35	7.75	8.53
12 L.H., Daily Totals		\$406.05		\$582.95	\$33.83	\$48.58
Crew B-10B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 200 H.P.		838.95		922.85	69.91	76.90
12 L.H., Daily Totals		\$1151.95		\$1403.45	\$95.99	\$116.95

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-10C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 200 H.P.		838.95		922.85		
1 Vibratory Roller, Towed		112.90		124.20	79.32	87.25
12 L.H., Daily Totals		\$1264.85		\$1527.65	\$105.40	\$127.30
Crew B-10D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 200 H.P.		838.95		922.85		
1 Sheepsft. Roller, Towed		124.90		137.40	80.32	88.35
12 L.H., Daily Totals		\$1276.85		\$1540.85	\$106.40	\$128.40
Crew B-10E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Tandem Roller, 5 Ton		152.85		168.15	12.74	14.01
12 L.H., Daily Totals		\$465.85		\$648.75	\$38.82	\$54.06
Crew B-10F	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Tandem Roller, 10 Ton		245.10		269.60	20.43	22.47
12 L.H., Daily Totals		\$558.10		\$750.20	\$46.51	\$62.52
Crew B-10G	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Sheepsft. Roll., 130 H.P.		558.70		614.55	46.56	51.21
12 L.H., Daily Totals		\$871.70		\$1095.15	\$72.64	\$91.26
Crew B-10H	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Diaphr. Water Pump, 2"		29.15		32.05		
1-20 Ft. Suction Hose, 2"		6.50		7.15		
2-50 Ft. Disch. Hoses, 2"		8.80		9.70	3.70	4.07
12 L.H., Daily Totals		\$357.45		\$529.50	\$29.78	\$44.12
Crew B-10I	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Diaphr. Water Pump, 4"		64.40		70.85		
1-20 Ft. Suction Hose, 4"		12.50		13.75		
2-50 Ft. Disch. Hoses, 4"		17.00		18.70	7.83	8.61
12 L.H., Daily Totals		\$406.90		\$583.90	\$33.91	\$48.66
Crew B-10J	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Centr. Water Pump, 3"		37.90		41.70		
1-20 Ft. Suction Hose, 3"		9.50		10.45		
2-50 Ft. Disch. Hoses, 3"		10.80		11.90	4.85	5.34
12 L.H., Daily Totals		\$371.20		\$544.65	\$30.93	\$45.39

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-10K	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Centr. Water Pump, 6"		159.45		175.40		
1-20 Ft. Suction Hose, 6"		21.50		23.65		
2-50 Ft. Disch. Hoses, 6"		39.00		42.90	18.33	20.16
12 L.H., Daily Totals		\$532.95		\$722.55	\$44.41	\$60.21
Crew B-10L	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 75 H.P.		307.75		338.50	25.65	28.21
12 L.H., Daily Totals		\$620.75		\$819.10	\$51.73	\$68.26
Crew B-10M	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 300 H.P.		1131.00		1244.10	94.25	103.68
12 L.H., Daily Totals		\$1444.00		\$1724.70	\$120.33	\$143.73
Crew B-10N	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, T.M., 1.5 C.Y.		350.10		385.10	29.18	32.09
12 L.H., Daily Totals		\$663.10		\$865.70	\$55.26	\$72.14
Crew B-10O	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, T.M., 2.25 C.Y.		510.40		561.45	42.53	46.79
12 L.H., Daily Totals		\$823.40		\$1042.05	\$68.61	\$86.84
Crew B-10P	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, T.M., 2.5 C.Y.		865.10		951.60	72.09	79.30
12 L.H., Daily Totals		\$1178.10		\$1432.20	\$98.17	\$119.35
Crew B-10Q	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, T.M., 5 C.Y.		1142.00		1256.20	95.17	104.68
12 L.H., Daily Totals		\$1455.00		\$1736.80	\$121.25	\$144.73
Crew B-10R	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, W.M., 1 C.Y.		244.65		269.10	20.39	22.43
12 L.H., Daily Totals		\$557.65		\$749.70	\$46.47	\$62.48
Crew B-10S	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, W.M., 1.5 C.Y.		320.10		352.10	26.68	29.34
12 L.H., Daily Totals		\$633.10		\$832.70	\$52.76	\$69.39
Crew B-10T	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Ldr, W.M., 2.5CY		450.50		495.55	37.54	41.30
12 L.H., Daily Totals		\$763.50		\$976.15	\$63.62	\$81.35

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-10U	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 F.E. Loader, W.M., 5.5 C.Y.		926.50		1019.15	77.21	84.93
12 L.H., Daily Totals		\$1239.50		\$1499.75	\$103.29	\$124.98
Crew B-10V	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 700 H.P.		2765.00		3041.50	230.42	253.46
12 L.H., Daily Totals		\$3078.00		\$3522.10	\$256.50	\$293.51
Crew B-10W	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 105 H.P.		417.45		459.20	34.79	38.27
12 L.H., Daily Totals		\$730.45		\$939.80	\$60.87	\$78.32
Crew B-10X	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 410 H.P.		1380.00		1518.00	115.00	126.50
12 L.H., Daily Totals		\$1693.00		\$1998.60	\$141.08	\$166.55
Crew B-10Y	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Vibratory Drum Roller		351.85		387.05	29.32	32.25
12 L.H., Daily Totals		\$664.85		\$867.65	\$55.40	\$72.30
Crew B-11	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
16 L.H., Daily Totals		\$398.80		\$615.60	\$24.93	\$38.48
Crew B-11A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Dozer, 200 H.P.		838.95		922.85	52.43	57.68
16 L.H., Daily Totals		\$1237.75		\$1538.45	\$77.36	\$96.16
Crew B-11B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Dozer, 200 H.P.		838.95		922.85		
1 Air Powered Tamper		14.80		16.30		
1 Air Compr. 365 C.F.M.		174.30		191.75		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05	65.28	71.81
16 L.H., Daily Totals		\$1443.25		\$1764.55	\$90.21	\$110.29
Crew B-11C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Backhoe Loader, 48 H.P.		218.80		240.70	13.68	15.04
16 L.H., Daily Totals		\$617.60		\$856.30	\$38.61	\$53.52
Crew B-11K	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Trencher, 8' D., 16" W.		535.90		589.50	33.49	36.84
16 L.H., Daily Totals		\$934.70		\$1205.10	\$58.42	\$75.32

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-11L	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Grader, 30,000 Lbs.		575.55		633.10	35.97	39.57
16 L.H., Daily Totals		\$974.35		\$1248.70	\$60.90	\$78.05
Crew B-11M	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Laborer	21.45	171.60	33.75	270.00		
1 Backhoe Loader, 80 H.P.		290.10		319.10	18.13	19.94
16 L.H., Daily Totals		\$688.90		\$934.70	\$43.06	\$58.42
Crew B-11N	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.65	\$36.27
2 Equipment Operators (med.)	28.40	454.40	43.20	691.20		
6 Truck Drivers (hvy.)	22.10	1060.80	33.85	1624.80		
1 F.E. Loader, 5.5 C.Y.		926.50		1019.15		
1 Dozer, 400 H.P.		1380.00		1518.00		
6 Off Hwy. Tks. 50 Ton		8400.00		9240.00	148.70	163.57
72 L.H., Daily Totals		\$12409.30		\$14388.35	\$172.35	\$199.84
Crew B-11Q	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 140 H.P.		506.00		556.60	42.17	46.38
12 L.H., Daily Totals		\$819.00		\$1037.20	\$68.25	\$86.43
Crew B-11R	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 215 H.P.		838.95		922.85	69.91	76.90
12 L.H., Daily Totals		\$1151.95		\$1403.45	\$95.99	\$116.95
Crew B-11S	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 285 H.P.		1131.00		1244.10	94.25	103.68
12 L.H., Daily Totals		\$1444.00		\$1724.70	\$120.33	\$143.73
Crew B-11T	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 370 H.P.		1380.00		1518.00	115.00	126.50
12 L.H., Daily Totals		\$1693.00		\$1998.60	\$141.08	\$166.55
Crew B-11U	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.08	\$40.05
.5 Laborer	21.45	85.80	33.75	135.00		
1 Dozer, 520 H.P.		1720.00		1892.00	143.33	157.67
12 L.H., Daily Totals		\$2033.00		\$2372.60	\$169.41	\$197.72
Crew B-11V	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
3 Laborer	\$21.45	\$514.80	\$33.75	\$810.00	\$21.45	\$33.75
1 Roll. Compact., 2K Lbs.		93.05		102.35	3.88	4.26
24 L.H., Daily Totals		\$607.85		\$912.35	\$25.33	\$38.01
Crew B-12	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
16 L.H., Daily Totals		\$427.20		\$650.00	\$26.70	\$40.63

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-12A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 1 C.Y.		547.60		602.35	34.23	37.65
16 L.H., Daily Totals		\$974.80		\$1252.35	\$60.93	\$78.28
Crew B-12B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 1.5 C.Y.		712.70		783.95	44.54	49.00
16 L.H., Daily Totals		\$1139.90		\$1433.95	\$71.24	\$89.63
Crew B-12C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 2 C.Y.		1023.00		1125.30	63.94	70.33
16 L.H., Daily Totals		\$1450.20		\$1775.30	\$90.64	\$110.96
Crew B-12D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 3.5 C.Y.		2156.00		2371.60	134.75	148.23
16 L.H., Daily Totals		\$2583.20		\$3021.60	\$161.45	\$188.86
Crew B-12E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, .5 C.Y.		336.45		370.10	21.03	23.13
16 L.H., Daily Totals		\$763.65		\$1020.10	\$47.73	\$63.76
Crew B-12F	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, .75 C.Y.		449.10		494.00	28.07	30.88
16 L.H., Daily Totals		\$876.30		\$1144.00	\$54.77	\$71.51
Crew B-12G	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, .5 C.Y.		472.00		519.20		
1 Clamshell Bucket, .5 C.Y.		49.90		54.90	32.62	35.88
16 L.H., Daily Totals		\$949.10		\$1224.10	\$59.32	\$76.51
Crew B-12H	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, 1 C.Y.		506.80		557.50		
1 Clamshell Bucket, 1 C.Y.		67.10		73.80	35.87	39.46
16 L.H., Daily Totals		\$1001.10		\$1281.30	\$62.57	\$80.09
Crew B-12I	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, .75 C.Y.		491.60		540.75		
1 Dragline Bucket, .75 C.Y.		33.55		36.90	32.82	36.10
16 L.H., Daily Totals		\$952.35		\$1227.65	\$59.52	\$76.73

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-12J	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Gradall, 3 Ton, .5 C.Y.		636.75		700.40	39.80	43.78
16 L.H., Daily Totals		\$1063.95		\$1350.40	\$66.50	\$84.41
Crew B-12K	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Gradall, 3 Ton, 1 C.Y.		805.75		886.35	50.36	55.40
16 L.H., Daily Totals		\$1232.95		\$1536.35	\$77.06	\$96.03
Crew B-12L	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, .5 C.Y.		472.00		519.20		
1 F.E. Attachment, .5 C.Y.		55.05		60.55	32.94	36.23
16 L.H., Daily Totals		\$954.25		\$1229.75	\$59.64	\$76.86
Crew B-12M	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, .75 C.Y.		491.60		540.75		
1 F.E. Attachment, .75 C.Y.		102.50		112.75	37.13	40.84
16 L.H., Daily Totals		\$1021.30		\$1303.50	\$63.83	\$81.47
Crew B-12N	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, 1 C.Y.		506.80		557.50		
1 F.E. Attachment, 1 C.Y.		131.00		144.10	39.86	43.85
16 L.H., Daily Totals		\$1065.00		\$1351.60	\$66.56	\$84.48
Crew B-12O	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, 1.5 C.Y.		704.30		774.75		
1 F.E. Attachment, 1.5 C.Y.		159.70		175.65	54.00	59.40
16 L.H., Daily Totals		\$1291.20		\$1600.40	\$80.70	\$100.03
Crew B-12P	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 40 Ton		704.30		774.75		
1 Dragline Bucket, 1.5 C.Y.		48.15		52.95	47.03	51.73
16 L.H., Daily Totals		\$1179.65		\$1477.70	\$73.73	\$92.36
Crew B-12Q	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 5/8 C.Y.		394.25		433.70	24.64	27.10
16 L.H., Daily Totals		\$821.45		\$1083.70	\$51.34	\$67.73
Crew B-12R	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 1.5 C.Y.		712.70		783.95	44.54	49.00
16 L.H., Daily Totals		\$1139.90		\$1433.95	\$71.24	\$89.63

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-12S	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Excavator, 2.5 C.Y.		1695.00		1864.50	105.94	116.53
16 L.H., Daily Totals		\$2122.20		\$2514.50	\$132.64	\$157.16
Crew B-12T	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 75 Ton		929.30		1022.25		
1 F.E. Attachment, 3 C.Y.		300.15		330.15	76.84	84.52
16 L.H., Daily Totals		\$1656.65		\$2002.40	\$103.54	\$125.15
Crew B-12V	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$26.70	\$40.63
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 75 Ton		929.30		1022.25		
1 Dragline Bucket, 3 C.Y.		82.70		90.95	63.25	69.58
16 L.H., Daily Totals		\$1439.20		\$1763.20	\$89.95	\$110.21
Crew B-13	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.24	\$36.16
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Crane, 25 Ton		549.35		604.30	9.81	10.79
56 L.H., Daily Totals		\$1850.55		\$2629.50	\$33.05	\$46.95
Crew B-13A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.91	\$36.93
2 Laborers	21.45	343.20	33.75	540.00		
2 Equipment Operator	28.40	454.40	43.20	691.20		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Crane, 75 Ton		929.30		1022.25		
1 F.E. Lder, 3.75 C.Y.		1142.00		1256.20		
2 Dump Trucks, 12 Ton		728.60		801.45	50.00	55.00
56 L.H., Daily Totals		\$4138.70		\$5147.90	\$73.91	\$91.93
Crew B-13B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.24	\$36.16
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Crane, 55 Ton		793.10		872.40	14.16	15.58
56 L.H., Daily Totals		\$2094.30		\$2897.60	\$37.40	\$51.74
Crew B-13C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.24	\$36.16
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 100 Ton		1131.00		1244.10	20.20	22.22
56 L.H., Daily Totals		\$2432.20		\$3269.30	\$43.44	\$58.38
Crew B-14	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.74	\$35.54
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Backhoe Loader, 48 H.P.		218.80		240.70	4.56	5.01
48 L.H., Daily Totals		\$1310.40		\$1946.70	\$27.30	\$40.55



# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-15</b>						
1 Equipment Oper. (med)	\$28.40	\$227.20	\$43.20	\$345.60	\$23.81	\$36.51
.5 Laborer	21.45	85.80	33.75	135.00		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
2 Dump Trucks, 16 Ton		884.50		972.95		
1 Dozer, 200 H.P.		838.95		922.85	61.55	67.71
28 L.H., Daily Totals		\$2390.05		\$2918.00	\$85.36	\$104.22
<b>Crew B-16</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.11	\$34.56
2 Laborers	21.45	343.20	33.75	540.00		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Dump Truck, 16 Ton		442.25		486.50	13.82	15.20
32 L.H., Daily Totals		\$1149.85		\$1592.50	\$35.93	\$49.76
<b>Crew B-17</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.05	\$35.67
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Backhoe Loader, 48 H.P.		218.80		240.70		
1 Dump Truck, 12 Ton		364.30		400.75	18.22	20.04
32 L.H., Daily Totals		\$1320.70		\$1783.05	\$41.27	\$55.71
<b>Crew B-18</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.12	\$34.80
2 Laborers	21.45	343.20	33.75	540.00		
1 Vibrating Compactor		52.00		57.20	2.17	2.38
24 L.H., Daily Totals		\$582.80		\$892.40	\$24.29	\$37.18
<b>Crew B-19</b>						
1 Pile Driver Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$27.59	\$45.54
4 Pile Drivers	27.20	870.40	47.00	1504.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 40 Ton & Access.		704.30		774.75		
60 L.F. Leads, 15K Ft. Lbs.		105.00		115.50		
1 Hammer, 15K Ft. Lbs.		321.75		353.95		
1 Air Compr., 600 C.F.M.		272.90		300.20		
2-50 Ft. Air Hoses, 3" Dia.		33.70		37.05	22.46	24.71
64 L.H., Daily Totals		\$3203.65		\$4496.25	\$50.05	\$70.25
<b>Crew B-19A</b>						
1 Pile Driver Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$27.59	\$45.54
4 Pile Drivers	27.20	870.40	47.00	1504.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 75 Ton		929.30		1022.25		
60 Leads, 25K ft.lbs		126.00		138.60		
1 Air Compressor, 750 CFM		288.55		317.40		
4-50 Ft. Air Hose, 3" Dia.		67.40		74.15	22.05	24.26
64 L.H., Daily Totals		\$3177.25		\$4467.20	\$49.64	\$69.80
<b>Crew B-20</b>						
1 Labor Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.32	\$38.30
1 Skilled Worker	28.05	224.40	44.25	354.00		
1 Laborer	21.45	171.60	33.75	270.00		
24 L.H., Daily Totals		\$583.60		\$919.20	\$24.32	\$38.30

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-20A</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.90	\$39.90
1 Laborer	21.45	171.60	33.75	270.00		
1 Plumber	32.60	260.80	49.40	395.20		
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
32 L.H., Daily Totals		\$828.80		\$1276.80	\$25.90	\$39.90
<b>Crew B-21</b>						
1 Labor Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.04	\$39.21
1 Skilled Worker	28.05	224.40	44.25	354.00		
1 Laborer	21.45	171.60	33.75	270.00		
.5 Equip. Oper. (crane)	29.35	117.40	44.65	178.60		
.5 S.P. Crane, 5 Ton		135.73		149.30	4.85	5.33
28 L.H., Daily Totals		\$836.73		\$1247.10	\$29.89	\$44.54
<b>Crew B-21A</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$26.59	\$40.85
1 Laborer	21.45	171.60	33.75	270.00		
1 Plumber	32.60	260.80	49.40	395.20		
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 S.P. Crane, 12 Ton		391.35		430.50	9.78	10.76
40 L.H., Daily Totals		\$1454.95		\$2064.50	\$36.37	\$51.61
<b>Crew B-22</b>						
1 Labor Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.32	\$39.57
1 Skilled Worker	28.05	224.40	44.25	354.00		
1 Laborer	21.45	171.60	33.75	270.00		
.75 Equip. Oper. (crane)	29.35	176.10	44.65	267.90		
.75 S.P. Crane, 5 Ton		203.59		223.95	6.79	7.46
30 L.H., Daily Totals		\$963.29		\$1411.05	\$32.11	\$47.03
<b>Crew B-22A</b>						
1 Labor Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.51	\$38.34
1 Skilled Worker	28.05	224.40	44.25	354.00		
2 Laborers	21.45	343.20	33.75	540.00		
.75 Equipment Oper. (crane)	29.35	176.10	44.65	267.90		
.75 Crane, 5 Ton		203.59		223.95		
1 Generator, 5 KW		45.90		50.50		
1 Butt Fusion Machine		.45		.50	6.58	7.24
38 L.H., Daily Totals		\$1181.24		\$1732.05	\$31.09	\$45.58
<b>Crew B-22B</b>						
1 Skilled Worker	\$28.05	\$224.40	\$44.25	\$354.00	\$24.75	\$39.00
1 Laborer	21.45	171.60	33.75	270.00		
1 Electro Fusion Machine		.45		.50	.03	.03
16 L.H., Daily Totals		\$396.45		\$624.50	\$24.78	\$39.03
<b>Crew B-23</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.85	\$34.38
4 Laborers	21.45	686.40	33.75	1080.00		
1 Drill Rig, Wells		1776.00		1953.60		
1 Light Truck, 3 Ton		179.45		197.40	48.89	53.77
40 L.H., Daily Totals		\$2829.45		\$3526.20	\$70.74	\$88.15
<b>Crew B-23A</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.43	\$37.95
1 Laborers	21.45	171.60	33.75	270.00		
1 Equip. Operator, medium	28.40	227.20	43.20	345.60		
1 Drill Rig, Wells		1776.00		1953.60		
1 Pickup Truck, 3/4 Ton		128.95		141.85	79.37	87.31
24 L.H., Daily Totals		\$2491.35		\$3006.25	\$103.80	\$125.26

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-23B</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.43	\$37.95
1 Laborers	21.45	171.60	33.75	270.00		
1 Equip. Operator, medium	28.40	227.20	43.20	345.60		
1 Drill Rig, Wells		1776.00		1953.60		
1 Pickup Truck, 3/4 Ton		128.95		141.85		
1 Pump, Cntfgl, 6"		159.45		175.40	86.02	94.62
24 L.H., Daily Totals		\$2650.80		\$3181.65	\$110.45	\$132.57
<b>Crew B-24</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Cement Finisher	\$26.15	\$209.20	\$39.00	\$312.00	\$24.97	\$38.57
1 Laborer	21.45	171.60	33.75	270.00		
1 Carpenter	27.30	218.40	42.95	343.60		
24 L.H., Daily Totals		\$599.20		\$925.60	\$24.97	\$38.57
<b>Crew B-25</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.53	\$36.61
7 Laborers	21.45	1201.20	33.75	1890.00		
3 Equip. Oper. (med.)	28.40	681.60	43.20	1036.80		
1 Asphalt Paver, 130 H.P.		1299.00		1428.90		
1 Tandem Roller, 10 Ton		245.10		269.60		
1 Roller, Pneumatic Wheel		244.20		268.60	20.32	22.35
88 L.H., Daily Totals		\$3858.70		\$5189.10	\$43.85	\$58.96
<b>Crew B-25B</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.93	\$37.16
7 Laborers	21.45	1201.20	33.75	1890.00		
4 Equip. Oper. (medium)	28.40	908.80	43.20	1382.40		
1 Asphalt Paver, 130 H.P.		1299.00		1428.90		
2 Rollers, Steel Wheel		490.20		539.20		
1 Roller, Pneumatic Wheel		244.20		268.60	21.18	23.30
96 L.H., Daily Totals		\$4331.00		\$5804.30	\$45.11	\$60.46
<b>Crew B-25C</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$24.10	\$37.42
3 Laborers	21.45	514.80	33.75	810.00		
2 Equip. Oper. (medium)	28.40	454.40	43.20	691.20		
1 Asphalt Paver, 130 H.P.		1299.00		1428.90		
1 Rollers, Steel Wheel		245.10		269.60	32.17	35.39
48 L.H., Daily Totals		\$2700.90		\$3494.90	\$56.27	\$72.81
<b>Crew B-26</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.14	\$37.95
6 Laborers	21.45	1029.60	33.75	1620.00		
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
1 Rodman (reinf.)	30.40	243.20	52.60	420.80		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Grader, 30,000 Lbs.		575.55		633.10		
1 Paving Mach. & Equip.		1321.00		1453.10	21.55	23.71
88 L.H., Daily Totals		\$4020.55		\$5425.40	\$45.69	\$61.66
<b>Crew B-27</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.95	\$34.54
3 Laborers	21.45	514.80	33.75	810.00		
1 Berm Machine		70.30		77.35	2.20	2.42
32 L.H., Daily Totals		\$772.70		\$1182.55	\$24.15	\$36.96
<b>Crew B-28</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$25.35	\$39.88
1 Laborer	21.45	171.60	33.75	270.00		
24 L.H., Daily Totals		\$608.40		\$957.20	\$25.35	\$39.88

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-29</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.24	\$36.16
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Gradall, 3 Ton, 1/2 C.Y.		636.75		700.40	11.37	12.51
56 L.H., Daily Totals		\$1937.95		\$2725.60	\$34.61	\$48.67
<b>Crew B-30</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$24.20	\$36.97
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Hyd. Excavator, 1.5 C.Y.		712.70		783.95		
2 Dump Trucks, 16 Ton		884.50		972.95	66.55	73.21
24 L.H., Daily Totals		\$2178.00		\$2644.10	\$90.75	\$110.18
<b>Crew B-31</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.02	\$36.22
3 Laborers	21.45	514.80	33.75	810.00		
1 Carpenter	27.30	218.40	42.95	343.60		
1 Air Compr., 250 C.F.M.		124.90		137.40		
1 Sheetting Driver		11.20		12.30		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05	3.81	4.19
40 L.H., Daily Totals		\$1073.30		\$1616.55	\$26.83	\$40.41
<b>Crew B-32</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$26.66	\$40.84
3 Equip. Oper. (med.)	28.40	681.60	43.20	1036.80		
1 Grader, 30,000 Lbs.		575.55		633.10		
1 Tandem Roller, 10 Ton		245.10		269.60		
1 Dozer, 200 H.P.		838.95		922.85	51.86	57.05
32 L.H., Daily Totals		\$2512.80		\$3132.35	\$78.52	\$97.89
<b>Crew B-32A</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$26.08	\$40.05
2 Equip. Oper. (medium)	28.40	454.40	43.20	691.20		
1 Grader, 30,000 Lbs.		575.55		633.10		
1 Roller, Vibratory, 29,000 Lbs.		421.75		463.95	41.55	45.71
24 L.H., Daily Totals		\$1623.30		\$2058.25	\$67.63	\$85.76
<b>Crew B-32B</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$26.08	\$40.05
2 Equip. Oper. (medium)	28.40	454.40	43.20	691.20		
1 Dozer, 200 H.P.		838.95		922.85		
1 Roller, Vibratory, 29,000 Lbs.		421.75		463.95	52.53	57.78
24 L.H., Daily Totals		\$1886.70		\$2348.00	\$78.61	\$97.83
<b>Crew B-32C</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.26	\$39.00
2 Laborers	21.45	343.20	33.75	540.00		
3 Equip. Oper. (medium)	28.40	681.60	43.20	1036.80		
1 Grader, 30,000 Lbs.		575.55		633.10		
1 Roller, Steel Wheel		245.10		269.60		
1 Dozer, 200 H.P.		838.95		922.85	34.58	38.03
48 L.H., Daily Totals		\$2872.00		\$3697.55	\$59.84	\$77.03
<b>Crew B-33</b>						
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
14 L.H., Daily Totals		\$369.80		\$567.00	\$26.41	\$40.50



# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-33A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 Scraper, Towed, 7 C.Y.		77.50		85.25		
1 Dozer, 300 H.P.		1131.00		1244.10		
.25 Dozer, 300 H.P.		282.75		311.00	106.52	117.17
14 L.H., Daily Totals		\$1861.05		\$2207.35	\$132.93	\$157.67
Crew B-33B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 Scraper, Towed, 10 C.Y.		202.45		222.70		
1 Dozer, 300 H.P.		1131.00		1244.10		
.25 Dozer, 300 H.P.		282.75		311.00	115.44	126.99
14 L.H., Daily Totals		\$1986.00		\$2344.80	\$141.85	\$167.49
Crew B-33C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 Scraper, Towed, 12 C.Y.		202.45		222.70		
1 Dozer, 300 H.P.		1131.00		1244.10		
.25 Dozer, 300 H.P.		282.75		311.00	115.44	126.99
14 L.H., Daily Totals		\$1986.00		\$2344.80	\$141.85	\$167.49
Crew B-33D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 S.P. Scraper, 14 C.Y.		1617.00		1778.70		
.25 Dozer, 300 H.P.		282.75		311.00	135.70	149.27
14 L.H., Daily Totals		\$2269.55		\$2656.70	\$162.11	\$189.77
Crew B-33E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 S.P. Scraper, 24 C.Y.		1912.00		2103.20		
.25 Dozer, 300 H.P.		282.75		311.00	156.77	172.44
14 L.H., Daily Totals		\$2564.55		\$2981.20	\$183.18	\$212.94
Crew B-33F	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 Elev. Scraper, 11 C.Y.		688.55		757.40		
.25 Dozer, 300 H.P.		282.75		311.00	69.38	76.32
14 L.H., Daily Totals		\$1341.10		\$1635.40	\$95.79	\$116.82
Crew B-33G	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$26.41	\$40.50
.5 Laborer	21.45	85.80	33.75	135.00		
.25 Equip. Oper. (med.)	28.40	56.80	43.20	86.40		
1 Elev. Scraper, 20 C.Y.		984.55		1083.00		
.25 Dozer, 300 H.P.		282.75		311.00	90.52	99.57
14 L.H., Daily Totals		\$1637.10		\$1961.00	\$116.93	\$140.07

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-33H	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
.25 Laborer	\$21.45	\$42.90	\$33.75	\$67.50	\$27.20	\$41.57
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
.2 Equipment Operator (med.)	28.40	45.44	43.20	69.12		
1 Scraper, 32-44 C.Y.		2328.00		2560.80		
.2 Dozer, 298 kw		276.00		303.60	224.48	246.93
11 L.H., Daily Totals		\$2919.54		\$3346.62	\$251.68	\$288.50
Crew B-33J	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equipment Operator (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Scraper 17 C.Y.		1617.00		1778.70	202.13	222.34
8 L.H., Daily Totals		\$1844.20		\$2124.30	\$230.53	\$265.54
Crew B-34A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Dump Truck, 12 Ton		364.30		400.75	45.54	50.09
8 L.H., Daily Totals		\$541.10		\$671.55	\$67.64	\$83.94
Crew B-34B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Dump Truck, 16 Ton		442.25		486.50	55.28	60.81
8 L.H., Daily Totals		\$619.05		\$757.30	\$77.38	\$94.66
Crew B-34C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck Tractor, 40 Ton		426.30		468.95		
1 Dump Trailer, 16.5 C.Y.		132.60		145.85	69.86	76.85
8 L.H., Daily Totals		\$735.70		\$885.60	\$91.96	\$110.70
Crew B-34D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck Tractor, 40 Ton		426.30		468.95		
1 Dump Trailer, 20 C.Y.		135.10		148.60	70.18	77.19
8 L.H., Daily Totals		\$738.20		\$888.35	\$92.28	\$111.04
Crew B-34E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, Off Hwy., 25 Ton		699.00		768.90	87.38	96.11
8 L.H., Daily Totals		\$875.80		\$1039.70	\$109.48	\$129.96
Crew B-34F	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, Off Hwy., 22 C.Y.		1038.00		1141.80	129.75	142.73
8 L.H., Daily Totals		\$1214.80		\$1412.60	\$151.85	\$176.58
Crew B-34G	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, Off Hwy., 34 C.Y.		1400.00		1540.00	175.00	192.50
8 L.H., Daily Totals		\$1576.80		\$1810.80	\$197.10	\$226.35
Crew B-34H	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, Off Hwy., 42 C.Y.		1598.00		1757.80	199.75	219.73
8 L.H., Daily Totals		\$1774.80		\$2028.60	\$221.85	\$253.58
Crew B-34J	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, Off Hwy., 60 C.Y.		2238.00		2461.80	279.75	307.73
8 L.H., Daily Totals		\$2414.80		\$2732.60	\$301.85	\$341.58

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-34K</b>						
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck Tractor, 240 H.P.		530.20		583.20		
1 Low Bed Trailer		383.75		422.15	114.24	125.67
8 L.H., Daily Totals		\$1090.75		\$1276.15	\$136.34	\$159.52
<b>Crew B-35</b>						
1 Laborer Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$26.49	\$40.92
1 Skilled Worker	28.05	224.40	44.25	354.00		
1 Welder (plumber)	32.60	260.80	49.40	395.20		
1 Laborer	21.45	171.60	33.75	270.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Electric Welding Mach.		49.70		54.65		
1 Hyd. Excavator, .75 C.Y.		449.10		494.00	10.39	11.43
48 L.H., Daily Totals		\$1770.40		\$2513.05	\$36.88	\$52.35
<b>Crew B-35A</b>						
1 Laborer Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.77	\$39.90
2 Laborers	21.45	343.20	33.75	540.00		
1 Skilled Worker	28.05	224.40	44.25	354.00		
1 Welder (plumber)	32.60	260.80	49.40	395.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Welder, 300 amp		82.35		90.60		
1 Crane, 75 Ton		929.30		1022.25	18.07	19.87
56 L.H., Daily Totals		\$2454.85		\$3347.25	\$43.84	\$59.77
<b>Crew B-36</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.63	\$38.16
2 Laborers	21.45	343.20	33.75	540.00		
2 Equip. Oper. (med.)	28.40	454.40	43.20	691.20		
1 Dozer, 200 H.P.		838.95		922.85		
1 Aggregate Spreader		71.05		78.15		
1 Tandem Roller, 10 Ton		245.10		269.60	28.88	31.77
40 L.H., Daily Totals		\$2140.30		\$2797.00	\$53.51	\$69.93
<b>Crew B-36A</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.71	\$39.60
2 Laborers	21.45	343.20	33.75	540.00		
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
1 Dozer, 200 H.P.		838.95		922.85		
1 Aggregate Spreader		71.05		78.15		
1 Roller, Steel Wheel		245.10		269.60		
1 Roller, Pneumatic Wheel		244.20		268.60	24.99	27.49
56 L.H., Daily Totals		\$2838.90		\$3756.80	\$50.70	\$67.09
<b>Crew B-36B</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.26	\$38.88
2 Laborers	21.45	343.20	33.75	540.00		
4 Equip. Oper. (medium)	28.40	908.80	43.20	1382.40		
1 Truck Driver, Heavy	22.10	176.80	33.85	270.80		
1 Grader, 30,000 Lbs.		575.55		633.10		
1 F.E. Loader, crt, 1.5 C.Y.		399.70		439.65		
1 Dozer, 300 H.P.		1131.00		1244.10		
1 Roller, vibratory		421.75		463.95		
1 Truck, Tractor, 240 H.P.		530.20		583.20		
1 Water Tanker, 5000 Gal.		205.10		225.60	50.99	56.09
64 L.H., Daily Totals		\$4879.70		\$6078.00	\$76.25	\$94.97

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-37</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.74	\$35.54
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Tandem Roller, 5 Ton		152.85		168.15	3.18	3.50
48 L.H., Daily Totals		\$1244.45		\$1874.15	\$25.92	\$39.04
<b>Crew B-38</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.39	\$37.79
2 Laborers	21.45	343.20	33.75	540.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
1 Backhoe Loader, 48 H.P.		218.80		240.70		
1 Demol. Hammer, (1200 l		180.15		198.15		
1 F.E. Loader (170 H.P.)		576.90		634.60		
1 Pavt. Rem. Bucket		44.45		48.90	25.51	28.06
40 L.H., Daily Totals		\$1995.90		\$2633.95	\$49.90	\$65.85
<b>Crew B-39</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.74	\$35.54
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Air Compr., 250 C.F.M.		124.90		137.40		
2 Air Tools & Accessories		39.00		42.90		
2-50 Ft. Air Hoses, 1.5" Dia.		16.40		18.05	3.76	4.13
48 L.H., Daily Totals		\$1271.90		\$1904.35	\$26.50	\$39.67
<b>Crew B-40</b>						
1 Pile Driver Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$27.59	\$45.54
4 Pile Drivers	27.20	870.40	47.00	1504.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 40 Ton		704.30		774.75		
1 Vibratory Hammer & Gen.		1219.00		1340.90	30.05	33.06
64 L.H., Daily Totals		\$3689.30		\$5030.45	\$57.64	\$78.60
<b>Crew B-41</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.29	\$34.95
4 Laborers	21.45	686.40	33.75	1080.00		
.25 Equip. Oper. (crane)	29.35	58.70	44.65	89.30		
.25 Equip. Oper. Oiler	24.05	48.10	36.60	73.20		
.25 Crawler Crane, 40 Ton		176.07		193.70	4.00	4.40
44 L.H., Daily Totals		\$1156.87		\$1731.40	\$26.29	\$39.35
<b>Crew B-42</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.16	\$38.66
4 Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Welder	30.60	244.80	56.10	448.80		
1 Hyd. Crane, 25 Ton		549.35		604.30		
1 Gas Welding Machine		82.35		90.60		
1 Horz. Boring Csg. Mch.		490.70		539.75	17.54	19.29
64 L.H., Daily Totals		\$2668.40		\$3708.65	\$41.70	\$57.95
<b>Crew B-43</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.53	\$36.57
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Drill Rig & Augers		1776.00		1953.60	37.00	40.70
48 L.H., Daily Totals		\$2905.60		\$3708.80	\$60.53	\$77.27

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-44	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Pile Driver Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$27.27	\$45.19
4 Pile Drivers	27.20	870.40	47.00	1504.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Laborer	21.45	171.60	33.75	270.00		
1 Crane, 40 Ton, & Access.		704.30		774.75		
45 L.F. Leads, 15K Ft. Lbs.		78.75		86.65	12.24	13.46
64 L.H., Daily Totals		\$2528.25		\$3753.40	\$39.51	\$58.65
Crew B-45	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$25.25	\$38.53
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Dist. Tank Truck, 3K Gal.		364.95		401.45		
1 Tractor, 4 x 2, 250 H.P.		380.00		418.00	46.56	51.22
16 L.H., Daily Totals		\$1148.95		\$1435.85	\$71.81	\$89.75
Crew B-46	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Pile Driver Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$24.66	\$40.95
2 Pile Drivers	27.20	435.20	47.00	752.00		
3 Laborers	21.45	514.80	33.75	810.00		
1 Chain Saw, 36" Long		53.05		58.35	1.11	1.22
48 L.H., Daily Totals		\$1236.65		\$2023.95	\$25.77	\$42.17
Crew B-47	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Blast Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$24.03	\$37.33
1 Driller	21.45	171.60	33.75	270.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crawler Type Drill, 4"		311.55		342.70		
1 Air Compr., 600 C.F.M.		272.90		300.20		
2-50 Ft. Air Hoses, 3" Dia.		33.70		37.05	25.76	28.33
24 L.H., Daily Totals		\$1194.95		\$1575.95	\$49.79	\$65.66
Crew B-47A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Drilling Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.62	\$39.38
1 Equip. Oper. (heavy)	29.35	234.80	44.65	357.20		
1 Oiler	24.05	192.40	36.60	292.80		
1 Quarry Drill		482.05		530.25	20.09	22.09
24 L.H., Daily Totals		\$1096.85		\$1475.45	\$45.71	\$61.47
Crew B-47C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$24.33	\$37.55
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Air Compressor, 750 CFM		288.55		317.40		
2-50' Air Hose, 3"		33.70		37.05		
1 Air Track Drill, 4"		311.55		342.70	39.61	43.57
16 L.H., Daily Totals		\$1023.00		\$1297.95	\$63.94	\$81.12
Crew B-47E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer Forman	\$23.45	\$187.60	\$36.90	\$295.20	\$21.95	\$34.54
3 Laborers	21.45	514.80	33.75	810.00		
1 Truck, Flatbed, 3 ton		179.45		197.40	5.61	6.17
32 L.H., Daily Totals		\$881.85		\$1302.60	\$27.56	\$40.71

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-48	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.06	\$37.25
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Centr. Water Pump, 6"		159.45		175.40		
1-20 Ft. Suction Hose, 6"		21.50		23.65		
1-50 Ft. Disch. Hose, 6"		19.50		21.45		
1 Drill Rig & Augers		1776.00		1953.60	35.29	38.82
56 L.H., Daily Totals		\$3323.65		\$4260.10	\$59.35	\$76.07
Crew B-49	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.11	\$39.64
3 Laborers	21.45	514.80	33.75	810.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
2 Equip. Oper. Oilers	24.05	384.80	36.60	585.60		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
2 Pile Drivers	27.20	435.20	47.00	752.00		
1 Hyd. Crane, 25 Ton		549.35		604.30		
1 Centr. Water Pump, 6"		159.45		175.40		
1-20 Ft. Suction Hose, 6"		21.50		23.65		
1-50 Ft. Disch. Hose, 6"		19.50		21.45		
1 Drill Rig & Augers		1776.00		1953.60	28.70	31.57
88 L.H., Daily Totals		\$4735.40		\$6266.40	\$53.81	\$71.21
Crew B-50	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Pile Driver Foremen	\$29.20	\$467.20	\$50.45	\$807.20	\$26.34	\$43.58
6 Pile Drivers	27.20	1305.60	47.00	2256.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
3 Laborers	21.45	514.80	33.75	810.00		
1 Crane, 40 Ton		704.30		774.75		
60 L.F. Leads, 15K Ft. Lbs.		105.00		115.50		
1 Hammer, 15K Ft. Lbs.		321.75		353.95		
1 Air Compr., 600 C.F.M.		272.90		300.20		
2-50 Ft. Air Hoses, 3" Dia.		33.70		37.05		
1 Chain Saw, 36" Long		53.05		58.35	13.31	14.64
112 L.H., Daily Totals		\$4440.30		\$6520.20	\$39.65	\$58.22
Crew B-51	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.83	\$34.20
4 Laborers	21.45	686.40	33.75	1080.00		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Light Truck, 1.5 Ton		171.95		189.15	3.58	3.94
48 L.H., Daily Totals		\$1219.95		\$1830.75	\$25.41	\$38.14
Crew B-52	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman	\$29.30	\$234.40	\$46.10	\$368.80	\$25.21	\$39.60
1 Carpenter	27.30	218.40	42.95	343.60		
3 Laborers	21.45	514.80	33.75	810.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
.5 Rodman (reinf.)	30.40	121.60	52.60	210.40		
.5 Equip. Oper. (med.)	28.40	113.60	43.20	172.80		
.5 F.E. Ldr., T.M., 2.5 C.Y.		432.55		475.80	7.72	8.50
56 L.H., Daily Totals		\$1844.55		\$2693.40	\$32.93	\$48.10
Crew B-53	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$27.20	\$41.35
1 Trencher, Chain, 12 H.P.		97.30		107.05	12.16	13.38
8 L.H., Daily Totals		\$314.90		\$437.85	\$39.36	\$54.73

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-54</b>						
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$27.20	\$41.35
1 Trencher, Chain, 40 H.P.		210.90		232.00	26.36	29.00
8 L.H., Daily Totals		\$428.50		\$562.80	\$53.56	\$70.35
<b>Crew B-54A</b>						
.17 Labor Foreman	\$23.45	\$31.89	\$36.90	\$50.18	\$27.68	\$42.28
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
1 Wheel Trencher, 67HP		399.35		439.30	42.67	46.93
9.36 L.H., Daily Totals		\$658.44		\$835.08	\$70.35	\$89.21
<b>Crew B-54B</b>						
.25 Labor Foreman	\$23.45	\$46.90	\$36.90	\$73.80	\$27.41	\$41.94
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
1 Wheel Trencher, 150HP		565.20		621.70	56.52	62.17
10 L.H., Daily Totals		\$839.30		\$1041.10	\$83.93	\$104.11
<b>Crew B-55</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.55	\$33.60
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Auger, 4" to 36" Dia		459.30		505.25		
1 Flatbed 3 Ton Truck		179.45		197.40	26.61	29.28
24 L.H., Daily Totals		\$1155.95		\$1509.05	\$48.16	\$62.88
<b>Crew B-56</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$24.33	\$37.55
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crawler Type Drill, 4"		311.55		342.70		
1 Air Compr., 600 C.F.M.		272.90		300.20		
1-50 Ft. Air Hose, 3" Dia.		16.85		18.55	37.58	41.34
16 L.H., Daily Totals		\$990.50		\$1262.25	\$61.91	\$78.89
<b>Crew B-57</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.49	\$37.83
2 Laborers	21.45	343.20	33.75	540.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Power Shovel, 1 C.Y.		506.80		557.50		
1 Clamshell Bucket, 1 C.Y.		67.10		73.80		
1 Centr. Water Pump, 6"		159.45		175.40		
1-20 Ft. Suction Hose, 6"		21.50		23.65		
20-50 Ft. Disch. Hoses, 6"		390.00		429.00	23.85	26.24
48 L.H., Daily Totals		\$2320.45		\$3075.35	\$48.34	\$64.07
<b>Crew B-58</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.37	\$36.28
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Backhoe Loader, 48 H.P.		218.80		240.70		
1 Small Helicopter		3510.00		3861.00	155.37	170.90
24 L.H., Daily Totals		\$4289.60		\$4972.50	\$178.74	\$207.18
<b>Crew B-59</b>						
1 Truck Driver (heavy)	\$22.10	\$176.80	\$33.85	\$270.80	\$22.10	\$33.85
1 Truck, 30 Ton		324.05		356.45		
1 Water tank, 5000 Gal.		205.10		225.60	66.14	72.76
8 L.H., Daily Totals		\$705.95		\$852.85	\$88.24	\$106.61

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-59A</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$21.67	\$33.78
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Water tank, 5K w/pum		205.10		225.60		
1 Truck, 30 Ton		324.05		356.45	22.05	24.25
24 L.H., Daily Totals		\$1049.15		\$1392.85	\$43.72	\$58.03
<b>Crew B-60</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.88	\$38.34
2 Laborers	21.45	343.20	33.75	540.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
2 Equip. Oper. (light)	27.20	435.20	41.35	661.60		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 40 Ton		704.30		774.75		
45 L.F. Leads, 15K Ft. Lbs.		78.75		86.65		
1 Backhoe Loader, 48 H.P.		218.80		240.70	17.89	19.68
56 L.H., Daily Totals		\$2395.05		\$3248.90	\$42.77	\$58.02
<b>Crew B-61</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.00	\$35.90
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Cement Mixer, 2 C.Y.		259.45		285.40		
1 Air Compr., 160 C.F.M.		97.40		107.15	8.92	9.81
40 L.H., Daily Totals		\$1276.85		\$1828.55	\$31.92	\$45.71
<b>Crew B-62</b>						
2 Laborers	\$21.45	\$343.20	\$33.75	\$540.00	\$23.37	\$36.28
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Loader, Skid Steer		111.25		122.40	4.64	5.10
24 L.H., Daily Totals		\$672.05		\$993.20	\$28.01	\$41.38
<b>Crew B-63</b>						
4 Laborers	\$21.45	\$686.40	\$33.75	\$1080.00	\$22.60	\$35.27
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Loader, Skid Steer		111.25		122.40	2.78	3.06
40 L.H., Daily Totals		\$1015.25		\$1533.20	\$25.38	\$38.33
<b>Crew B-64</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.60	\$33.53
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Power Mulcher (small)		114.95		126.45		
1 Light Truck, 1.5 Ton		171.95		189.15	17.93	19.72
16 L.H., Daily Totals		\$632.50		\$852.00	\$39.53	\$53.25
<b>Crew B-65</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.60	\$33.53
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Power Mulcher (large)		282.35		310.60		
1 Light Truck, 1.5 Ton		171.95		189.15	28.39	31.23
16 L.H., Daily Totals		\$799.90		\$1036.15	\$49.99	\$64.76
<b>Crew B-66</b>						
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$27.20	\$41.35
1 Backhoe Ldr. w/Attachmt.		200.50		220.55	25.06	27.57
8 L.H., Daily Totals		\$418.10		\$551.35	\$52.26	\$68.92

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-67</b>						
1 Millwright	\$28.75	\$230.00	\$42.95	\$343.60	\$27.98	\$42.15
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Forklift		171.10		188.20	10.69	11.76
16 L.H., Daily Totals		\$618.70		\$862.60	\$38.67	\$53.91
<b>Crew B-68</b>						
2 Millwrights	\$28.75	\$460.00	\$42.95	\$687.20	\$28.23	\$42.42
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Forklift		171.10		188.20	7.13	7.84
24 L.H., Daily Totals		\$848.70		\$1206.20	\$35.36	\$50.26
<b>Crew B-69</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.53	\$36.57
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip Oper. Oiler	24.05	192.40	36.60	292.80		
1 Truck Crane, 80 Ton		1098.00		1207.80	22.88	25.16
48 L.H., Daily Totals		\$2227.60		\$2963.00	\$46.41	\$61.73
<b>Crew B-69A</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.73	\$36.73
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
1 Concrete Finisher	26.15	209.20	39.00	312.00		
1 Curb Paver		453.90		499.30	9.46	10.40
48 L.H., Daily Totals		\$1592.70		\$2262.10	\$33.19	\$47.13
<b>Crew B-69B</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.73	\$36.73
3 Laborers	21.45	514.80	33.75	810.00		
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Curb/Gutter Paver		905.75		996.35	18.87	20.76
48 L.H., Daily Totals		\$2044.55		\$2759.15	\$42.60	\$57.49
<b>Crew B-70</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.71	\$38.25
3 Laborers	21.45	514.80	33.75	810.00		
3 Equip. Oper. (med.)	28.40	681.60	43.20	1036.80		
1 Motor Grader, 30,000 Lb.		575.55		633.10		
1 Grader Attach., Ripper		62.90		69.20		
1 Road Sweeper, S.P.		194.30		213.75		
1 F.E. Loader, 1-3/4 C.Y.		320.10		352.10	20.59	22.65
56 L.H., Daily Totals		\$2536.85		\$3410.15	\$45.30	\$60.90
<b>Crew B-71</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.71	\$38.25
3 Laborers	21.45	514.80	33.75	810.00		
3 Equip. Oper. (med.)	28.40	681.60	43.20	1036.80		
1 Pvm. Profiler, 450 H.P.		3431.00		3774.10		
1 Road Sweeper, S.P.		194.30		213.75		
1 F.E. Loader, 1-3/4 C.Y.		320.10		352.10	70.45	77.50
56 L.H., Daily Totals		\$5329.40		\$6481.95	\$95.16	\$115.75

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-72</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.18	\$38.87
3 Laborers	21.45	514.80	33.75	810.00		
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
1 Pvm. Profiler, 450 H.P.		3431.00		3774.10		
1 Hammermill, 250 H.P.		1176.00		1293.60		
1 Windrow Loader		919.85		1011.85		
1 Mix Paver 165 H.P.		1435.00		1578.50		
1 Roller, Pneu. Tire, 12 T.		244.20		268.60	112.59	123.85
64 L.H., Daily Totals		\$8817.25		\$10414.25	\$137.77	\$162.72
<b>Crew B-73</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$26.04	\$40.05
2 Laborers	21.45	343.20	33.75	540.00		
5 Equip. Oper. (med.)	28.40	1136.00	43.20	1728.00		
1 Road Mixer, 310 H.P.		993.15		1092.45		
1 Roller, Tandem, 12 Ton		245.10		269.60		
1 Hammermill, 250 H.P.		1176.00		1293.60		
1 Motor Grader, 30,000 Lb.		575.55		633.10		
.5 F.E. Loader, 1-3/4 C.Y.		160.05		176.05		
.5 Truck, 30 Ton		162.02		178.25		
.5 Water Tank 5000 Gal.		102.55		112.80	53.35	58.69
64 L.H., Daily Totals		\$5081.22		\$6319.05	\$79.39	\$98.74
<b>Crew B-74</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.34	\$38.89
1 Laborer	21.45	171.60	33.75	270.00		
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Motor Grader, 30,000 Lb.		575.55		633.10		
1 Grader Attach., Ripper		62.90		69.20		
2 Stabilizers, 310 H.P.		1394.10		1533.50		
1 Flatbed Truck, 3 Ton		179.45		197.40		
1 Chem. Spreader, Towed		99.30		109.25		
1 Vibr. Roller, 29,000 Lb.		421.75		463.95		
1 Water Tank 5000 Gal.		205.10		225.60		
1 Truck, 30 Ton		324.05		356.45	50.97	56.07
64 L.H., Daily Totals		\$4883.80		\$6077.65	\$76.31	\$94.96
<b>Crew B-75</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.80	\$39.61
1 Laborer	21.45	171.60	33.75	270.00		
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Motor Grader, 30,000 Lb.		575.55		633.10		
1 Grader Attach., Ripper		62.90		69.20		
2 Stabilizers, 310 H.P.		1394.10		1533.50		
1 Dist. Truck, 3000 Gal.		364.95		401.45		
1 Vibr. Roller, 29,000 Lb.		421.75		463.95	50.34	55.38
56 L.H., Daily Totals		\$4264.05		\$5319.60	\$76.14	\$94.99
<b>Crew B-76</b>						
1 Dock Builder Foreman	\$29.20	\$233.60	\$50.45	\$403.60	\$27.55	\$45.71
5 Dock Builders	27.20	1088.00	47.00	1880.00		
2 Equip. Oper. (crane)	29.35	469.60	44.65	714.40		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crawler Crane, 50 Ton		844.70		929.15		
1 Barge, 400 Ton		452.65		497.90		
1 Hammer, 15K Ft. Lbs.		321.75		353.95		
60 L.F. Leads, 15K Ft. Lbs.		105.00		115.50		
1 Air Compr., 600 C.F.M.		272.90		300.20		
2-50 Ft. Air Hoses, 3" Dia.		33.70		37.05	28.20	31.02
72 L.H., Daily Totals		\$4014.30		\$5524.55	\$55.75	\$76.73

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-77</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$21.91	\$34.29
3 Laborers	21.45	514.80	33.75	810.00		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Crack Cleaner, 25 H.P.		76.90		84.60		
1 Crack Filler, Trailer Mtd.		144.35		158.80		
1 Flatbed Truck, 3 Ton		179.45		197.40	10.02	11.02
40 L.H., Daily Totals		\$1277.10		\$1812.40	\$31.93	\$45.31
<b>Crew B-78</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$21.83	\$34.20
4 Laborers	21.45	686.40	33.75	1080.00		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Paint Stripper, S.P.		203.75		224.15		
1 Flatbed Truck, 3 Ton		179.45		197.40		
1 Pickup Truck, 3/4 Ton		128.95		141.85	10.67	11.74
48 L.H., Daily Totals		\$1560.15		\$2205.00	\$32.50	\$45.94
<b>Crew B-79</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$21.91	\$34.29
3 Laborers	21.45	514.80	33.75	810.00		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Thermo. Stripper, T.M.		243.70		268.05		
1 Flatbed Truck, 3 Ton		179.45		197.40		
2 Pickup Truck, 3/4 Ton		257.90		283.70	17.03	18.73
40 L.H., Daily Totals		\$1557.45		\$2120.75	\$38.94	\$53.02
<b>Crew B-80</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.46	\$36.33
1 Laborer	21.45	171.60	33.75	270.00		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Flatbed Truck, 3 Ton		179.45		197.40		
1 Fence Post Auger, TM		360.00		396.00	16.86	18.54
32 L.H., Daily Totals		\$1290.25		\$1755.80	\$40.32	\$54.87
<b>Crew B-80A</b>						
3 Laborer	\$21.45	\$514.80	\$33.75	\$810.00	\$21.45	\$33.75
1 Flatbed Truck, 3 Ton		179.45		197.40	7.48	8.22
24 L.H., Daily Totals		\$694.25		\$1007.40	\$28.93	\$41.97
<b>Crew B-80B</b>						
3 Laborer	\$21.45	\$514.80	\$33.75	\$810.00	\$22.89	\$35.65
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crane, flatbed mnt		282.80		311.10	8.84	9.72
32 L.H., Daily Totals		\$1015.20		\$1451.90	\$31.73	\$45.37
<b>Crew B-81</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$23.98	\$36.93
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Hydromulcher, T.M.		281.75		309.95		
1 Tractor Truck, 4x2		324.05		356.45	25.24	27.77
24 L.H., Daily Totals		\$1181.40		\$1552.80	\$49.22	\$64.70
<b>Crew B-82</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$24.33	\$37.55
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Horiz. Borer, 6 H.P.		47.80		52.60	2.99	3.29
16 L.H., Daily Totals		\$437.00		\$653.40	\$27.32	\$40.84

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew B-83</b>						
1 Tugboat Captain	\$28.40	\$227.20	\$43.20	\$345.60	\$24.93	\$38.48
1 Tugboat Hand	21.45	171.60	33.75	270.00		
1 Tugboat, 250 H.P.		438.50		482.35	27.41	30.15
16 L.H., Daily Totals		\$837.30		\$1097.95	\$52.34	\$68.63
<b>Crew B-84</b>						
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Rotary Mower/Tractor		208.50		229.35	26.06	28.67
8 L.H., Daily Totals		\$435.70		\$574.95	\$54.46	\$71.87
<b>Crew B-85</b>						
3 Laborers	\$21.45	\$514.80	\$33.75	\$810.00	\$22.97	\$35.66
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Aerial Lift Truck		569.50		626.45		
1 Brush Chipper, 130 H.P.		214.10		235.50		
1 Pruning Saw, Rotary		24.15		26.55	20.19	22.21
40 L.H., Daily Totals		\$1726.55		\$2314.90	\$43.16	\$57.87
<b>Crew B-86</b>						
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Stump Chipper, S.P.		162.40		178.65	20.30	22.33
8 L.H., Daily Totals		\$389.60		\$524.25	\$48.70	\$65.53
<b>Crew B-86A</b>						
1 Equip. Oper. (medium)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Grader, 30,000 Lbs.		575.55		633.10	71.94	79.14
8 L.H., Daily Totals		\$802.75		\$978.70	\$100.34	\$122.34
<b>Crew B-86B</b>						
1 Equip. Oper. (medium)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Dozer, 200 H.P.		838.95		922.85	104.87	115.36
8 L.H., Daily Totals		\$1066.15		\$1268.45	\$133.27	\$158.56
<b>Crew B-87</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$27.01	\$41.31
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
2 Feller Bunchers, 50 H.P.		779.80		857.80		
1 Log Chipper, 22" Tree		2042.00		2246.20		
1 Dozer, 105 H.P.		307.75		338.50		
1 Chainsaw, Gas, 36" Long		53.05		58.35	79.57	87.52
40 L.H., Daily Totals		\$4263.00		\$5153.25	\$106.58	\$128.83
<b>Crew B-88</b>						
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$27.41	\$41.85
6 Equip. Oper. (med.)	28.40	1363.20	43.20	2073.60		
2 Feller Bunchers, 50 H.P.		779.80		857.80		
1 Log Chipper, 22" Tree		2042.00		2246.20		
2 Log Skidders, 50 H.P.		744.30		818.75		
1 Dozer, 105 H.P.		307.75		338.50		
1 Chainsaw, Gas, 36" Long		53.05		58.35	70.12	77.14
56 L.H., Daily Totals		\$5461.70		\$6663.20	\$97.53	\$118.99
<b>Crew B-89</b>						
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$24.48	\$37.33
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Truck, Stake Body, 3 Ton		179.45		197.40		
1 Concrete Saw		110.65		121.70		
1 Water Tank, 65 Gal.		12.00		13.20	18.88	20.77
16 L.H., Daily Totals		\$693.70		\$929.50	\$43.36	\$58.10



# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-89A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Skilled Worker	\$28.05	\$224.40	\$44.25	\$354.00	\$24.75	\$39.00
1 Laborer	21.45	171.60	33.75	270.00		
1 Core Drill (large)		61.35		67.50	3.83	4.22
16 L.H., Daily Totals		\$457.35		\$691.50	\$28.58	\$43.22
Crew B-89B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (light)	\$27.20	\$217.60	\$41.35	\$330.80	\$24.48	\$37.33
1 Truck Driver, Light	21.75	174.00	33.30	266.40		
1 Wall Saw, Hydraulic, 10 H.P.		133.05		146.35		
1 Generator, Diesel, 100 KW		203.70		224.05		
1 Water Tank, 65 Gal.		12.00		13.20		
1 Flatbed Truck, 3 Ton		179.45		197.40	33.01	36.31
16 L.H., Daily Totals		\$919.80		\$1178.20	\$57.49	\$73.64
Crew B-90	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.30	\$36.07
3 Laborers	21.45	514.80	33.75	810.00		
2 Equip. Oper. (light)	27.20	435.20	41.35	661.60		
2 Truck Drivers (heavy)	22.10	353.60	33.85	541.60		
1 Road Mixer, 310 H.P.		993.15		1092.45		
1 Dist. Truck, 2000 Gal.		340.30		374.35	20.84	22.92
64 L.H., Daily Totals		\$2824.65		\$3775.20	\$44.14	\$58.99
Crew B-90A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.71	\$39.60
2 Laborers	21.45	343.20	33.75	540.00		
4 Equip. Oper. (medium)	28.40	908.80	43.20	1382.40		
2 Graders, 30,000 Lbs.		1151.10		1266.20		
1 Roller, Steel Wheel		245.10		269.60		
1 Roller, Pneumatic Wheel		244.20		268.60	29.29	32.22
56 L.H., Daily Totals		\$3080.00		\$4022.00	\$55.00	\$71.82
Crew B-90B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$25.26	\$39.00
2 Laborers	21.45	343.20	33.75	540.00		
3 Equip. Oper. (medium)	28.40	681.60	43.20	1036.80		
1 Roller, Steel Wheel		245.10		269.60		
1 Roller, Pneumatic Wheel		244.20		268.60		
1 Road Mixer, 310 H.P.		993.15		1092.45	30.88	33.97
48 L.H., Daily Totals		\$2694.85		\$3502.65	\$56.14	\$72.97
Crew B-91	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.26	\$38.88
2 Laborers	21.45	343.20	33.75	540.00		
4 Equip. Oper. (med.)	28.40	908.80	43.20	1382.40		
1 Truck Driver (heavy)	22.10	176.80	33.85	270.80		
1 Dist. Truck, 3000 Gal.		364.95		401.45		
1 Aggreg. Spreader, S.P.		635.50		699.05		
1 Roller, Pneu. Tire, 12 Ton		244.20		268.60		
1 Roller, Steel, 10 Ton		245.10		269.60	23.28	25.61
64 L.H., Daily Totals		\$3106.15		\$4127.10	\$48.54	\$64.49
Crew B-92	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.95	\$34.54
3 Laborers	21.45	514.80	33.75	810.00		
1 Crack Cleaner, 25 H.P.		76.90		84.60		
1 Air Compressor		76.30		83.95		
1 Tar Kettle, T.M.		22.95		25.25		
1 Flatbed Truck, 3 Ton		179.45		197.40	11.11	12.22
32 L.H., Daily Totals		\$1058.00		\$1496.40	\$33.06	\$46.76

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew B-93	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (med.)	\$28.40	\$227.20	\$43.20	\$345.60	\$28.40	\$43.20
1 Feller Buncher, 50 H.P.		389.90		428.90	48.74	53.61
8 L.H., Daily Totals		\$617.10		\$774.50	\$77.14	\$96.81
Crew B-94A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.45	\$33.75
1 Diaph. Water Pump, 2"		29.15		32.05		
1-20 Ft. Suction Hose, 2"		6.50		7.15		
2-50 Ft. Disch. Hoses, 2"		8.80		9.70	5.56	6.11
8 L.H., Daily Totals		\$216.05		\$318.90	\$27.01	\$39.86
Crew B-94B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.45	\$33.75
1 Diaph. Water Pump, 4"		64.40		70.85		
1-20 Ft. Suction Hose, 4"		12.50		13.75		
2-50 Ft. Disch. Hoses, 4"		17.00		18.70	11.74	12.91
8 L.H., Daily Totals		\$265.50		\$373.30	\$33.19	\$46.66
Crew B-94C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.45	\$33.75
1 Centr. Water Pump, 3"		37.90		41.70		
1-20 Ft. Suction Hose, 3"		9.50		10.45		
2-50 Ft. Disch. Hoses, 3"		10.80		11.90	7.28	8.00
8 L.H., Daily Totals		\$229.80		\$334.05	\$28.73	\$41.75
Crew B-94D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$21.45	\$33.75
1 Centr. Water Pump, 6"		159.45		175.40		
1-20 Ft. Suction Hose, 6"		21.50		23.65		
2-50 Ft. Disch. Hoses, 6"		39.00		42.90	27.49	30.24
8 L.H., Daily Totals		\$391.55		\$511.95	\$48.94	\$63.99
Crew B-95	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$25.40	\$39.20
1 Laborer	21.45	171.60	33.75	270.00		
16 L.H., Daily Totals		\$406.40		\$627.20	\$25.40	\$39.20
Crew B-95A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$25.40	\$39.20
1 Laborer	21.45	171.60	33.75	270.00		
1 Hyd. Excavator, 5/8 C.Y.		394.25		433.70	24.64	27.10
16 L.H., Daily Totals		\$800.65		\$1060.90	\$50.04	\$66.30
Crew B-95B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$25.40	\$39.20
1 Laborer	21.45	171.60	33.75	270.00		
1 Hyd. Excavator, 1.5 C.Y.		712.70		783.95	44.54	49.00
16 L.H., Daily Totals		\$1119.10		\$1411.15	\$69.94	\$88.20
Crew B-95C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Equip. Oper. (crane)	\$29.35	\$234.80	\$44.65	\$357.20	\$25.40	\$39.20
1 Laborer	21.45	171.60	33.75	270.00		
1 Hyd. Excavator, 2.5 C.Y.		1695.00		1864.50	105.94	116.53
16 L.H., Daily Totals		\$2101.40		\$2491.70	\$131.34	\$155.73
Crew C-1	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
3 Carpenters	\$27.30	\$655.20	\$42.95	\$1030.80	\$25.84	\$40.65
1 Laborer	21.45	171.60	33.75	270.00		
32 L.H., Daily Totals		\$826.80		\$1300.80	\$25.84	\$40.65

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew C-2</b>						
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$26.66	\$41.94
4 Carpenters	27.30	873.60	42.95	1374.40		
1 Laborer	21.45	171.60	33.75	270.00		
48 L.H., Daily Totals		\$1279.60		\$2013.20	\$26.66	\$41.94
<b>Crew C-2A</b>						
1 Carpenter Foreman	\$29.30	\$234.40	\$46.10	\$368.80	\$26.47	\$41.28
3 Carpenters	27.30	655.20	42.95	1030.80		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Laborer	21.45	171.60	33.75	270.00		
48 L.H., Daily Totals		\$1270.40		\$1981.60	\$26.47	\$41.28
<b>Crew C-3</b>						
1 Rodman Foreman	\$32.40	\$259.20	\$56.10	\$448.80	\$28.01	\$46.92
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
2 Laborers	21.45	343.20	33.75	540.00		
3 Stressing Equipment		40.50		44.55		
.5 Grouting Equipment		117.63		129.40	2.47	2.72
64 L.H., Daily Totals		\$1950.93		\$3176.75	\$30.48	\$49.64
<b>Crew C-4</b>						
1 Rodman Foreman	\$32.40	\$259.20	\$56.10	\$448.80	\$30.90	\$53.48
3 Rodmen (reinf.)	30.40	729.60	52.60	1262.40		
3 Stressing Equipment		40.50		44.55	1.27	1.39
32 L.H., Daily Totals		\$1029.30		\$1755.75	\$32.17	\$54.87
<b>Crew C-5</b>						
1 Rodman Foreman	\$32.40	\$259.20	\$56.10	\$448.80	\$29.63	\$49.68
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Crane, 25 Ton		549.35		604.30	9.81	10.79
56 L.H., Daily Totals		\$2208.55		\$3386.30	\$39.44	\$60.47
<b>Crew C-6</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.57	\$35.15
4 Laborers	21.45	686.40	33.75	1080.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
2 Gas Engine Vibrators		74.90		82.40	1.56	1.72
48 L.H., Daily Totals		\$1158.10		\$1769.60	\$24.13	\$36.87
<b>Crew C-7</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.26	\$36.05
5 Laborers	21.45	858.00	33.75	1350.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Equip. Oper. (oiler)	24.05	192.40	36.60	292.80		
2 Gas Engine Vibrators		74.90		82.40		
1 Concrete Bucket, 1 C.Y.		24.45		26.90		
1 Hyd. Crane, 55 Ton		793.10		872.40	12.40	13.63
72 L.H., Daily Totals		\$2566.85		\$3577.30	\$35.66	\$49.68
<b>Crew C-7A</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$21.86	\$34.17
5 Laborers	21.45	858.00	33.75	1350.00		
2 Truck Driver (Heavy)	22.10	353.60	33.85	541.60		
2 Conc. Transit Mixers		1822.40		2004.65	28.48	31.32
64 L.H., Daily Totals		\$3221.60		\$4191.45	\$50.34	\$65.49

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew C-7B</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.01	\$35.86
5 Laborers	21.45	858.00	33.75	1350.00		
1 Equipment Operator (heavy)	29.35	234.80	44.65	357.20		
1 Equipment Oiler	24.05	192.40	36.60	292.80		
1 Conc. Bucket, 2 C.Y.		32.10		35.30		
1 Truck Crane, 165 Ton		1941.00		2135.10	30.83	33.91
64 L.H., Daily Totals		\$3445.90		\$4465.60	\$53.84	\$69.77
<b>Crew C-7C</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.44	\$36.51
5 Laborers	21.45	858.00	33.75	1350.00		
2 Equipment Operator (Medium)	28.40	454.40	43.20	691.20		
2 Wheel Loader, 4 C.Y.		1153.80		1269.20	18.03	19.83
64 L.H., Daily Totals		\$2653.80		\$3605.60	\$41.47	\$56.34
<b>Crew C-7D</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$22.73	\$35.55
5 Laborers	21.45	858.00	33.75	1350.00		
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
1 Concrete Conveyer		180.90		199.00	3.23	3.55
56 L.H., Daily Totals		\$1453.70		\$2189.80	\$25.96	\$39.10
<b>Crew C-8</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.07	\$37.05
3 Laborers	21.45	514.80	33.75	810.00		
2 Cement Finishers	26.15	418.40	39.00	624.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Concrete Pump (small)		645.60		710.15	11.53	12.68
56 L.H., Daily Totals		\$1993.60		\$2784.95	\$35.60	\$49.73
<b>Crew C-8A</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.35	\$36.03
3 Laborers	21.45	514.80	33.75	810.00		
2 Cement Finishers	26.15	418.40	39.00	624.00		
48 L.H., Daily Totals		\$1120.80		\$1729.20	\$23.35	\$36.03
<b>Crew C-8B</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.24	\$36.27
3 Laborers	21.45	514.80	33.75	810.00		
1 Equipment Operator	28.40	227.20	43.20	345.60		
1 Vibrating Screed		47.40		52.15		
1 Vibratory Roller		421.75		463.95		
1 Dozer, 200 HP		838.95		922.85	32.70	35.97
40 L.H., Daily Totals		\$2237.70		\$2889.75	\$55.94	\$72.24
<b>Crew C-8C</b>						
1 Labor Forman	\$23.45	\$187.60	\$36.90	\$295.20	\$23.73	\$36.73
3 Laborers	21.45	514.80	33.75	810.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
1 Shotcrete Rig, 12 CY/hr		376.00		413.60	7.83	8.62
48 L.H., Daily Totals		\$1514.80		\$2176.40	\$31.56	\$45.35
<b>Crew C-8D</b>						
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$24.56	\$37.75
1 Laborers	21.45	171.60	33.75	270.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equipment Operator (light)	27.20	217.60	41.35	330.80		
1 Compressor, 250 CFM		124.90		137.40		
2 Hoses, 1", 50'		10.40		11.45	4.23	4.65
32 L.H., Daily Totals		\$921.30		\$1356.85	\$28.79	\$42.40

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew C-8E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$24.56	\$37.75
1 Laborers	21.45	171.60	33.75	270.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equipment Operator (light)	27.20	217.60	41.35	330.80		
1 Compressor, 250 CFM		124.90		137.40		
2 Hoses, 1", 50'		10.40		11.45		
1 Concrete Pump (small)		645.60		710.15	24.40	26.84
32 L.H., Daily Totals		\$1566.90		\$2067.00	\$48.96	\$64.59
Crew C-10	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer	\$21.45	\$171.60	\$33.75	\$270.00	\$24.58	\$37.25
2 Cement Finishers	26.15	418.40	39.00	624.00		
24 L.H., Daily Totals		\$590.00		\$894.00	\$24.58	\$37.25
Crew C-11	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$29.96	\$53.07
6 Struc. Steel Workers	30.60	1468.80	56.10	2692.80		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Truck Crane, 150 Ton		1553.00		1708.30	21.57	23.73
72 L.H., Daily Totals		\$3709.80		\$5529.10	\$51.53	\$76.80
Crew C-12	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$27.00	\$42.23
3 Carpenters	27.30	655.20	42.95	1030.80		
1 Laborer	21.45	171.60	33.75	270.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Hyd. Crane, 12 Ton		443.45		487.80	9.24	10.16
48 L.H., Daily Totals		\$1739.45		\$2514.60	\$36.24	\$52.39
Crew C-13	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Struc. Steel Worker	\$30.60	\$244.80	\$56.10	\$448.80	\$29.50	\$51.72
1 Welder	30.60	244.80	56.10	448.80		
1 Carpenter	27.30	218.40	42.95	343.60		
1 Gas Welding Machine		82.35		90.60	3.43	3.77
24 L.H., Daily Totals		\$790.35		\$1331.80	\$32.93	\$55.49
Crew C-14	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$26.61	\$42.53
5 Carpenters	27.30	1092.00	42.95	1718.00		
4 Laborers	21.45	686.40	33.75	1080.00		
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
2 Cement Finishers	26.15	418.40	39.00	624.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 80 Ton, & Tools		1098.00		1207.80	7.63	8.39
144 L.H., Daily Totals		\$4929.20		\$7331.80	\$34.24	\$50.92
Crew C-14A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$27.41	\$43.74
16 Carpenters	27.30	3494.40	42.95	5497.60		
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
2 Laborers	21.45	343.20	33.75	540.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equip. Oper. (med)	28.40	227.20	43.20	345.60		
1 Gas Engine Vibrator		37.45		41.20		
1 Concrete Pump (small)		645.60		710.15	3.42	3.76
200 L.H., Daily Totals		\$6164.25		\$9498.55	\$30.83	\$47.50

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew C-14B	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$27.36	\$43.55
16 Carpenters	27.30	3494.40	42.95	5497.60		
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
2 Laborers	21.45	343.20	33.75	540.00		
2 Cement Finishers	26.15	418.40	39.00	624.00		
1 Equip. Oper. (med)	28.40	227.20	43.20	345.60		
1 Gas Engine Vibrator		37.45		41.20		
1 Concrete Pump (small)		645.60		710.15	3.28	3.61
208 L.H., Daily Totals		\$6373.45		\$9810.55	\$30.64	\$47.16
Crew C-14C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$26.13	\$41.64
6 Carpenters	27.30	1310.40	42.95	2061.60		
2 Rodmen (reinf.)	30.40	486.40	52.60	841.60		
4 Laborers	21.45	686.40	33.75	1080.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Gas Engine Vibrator		37.45		41.20	.33	.37
112 L.H., Daily Totals		\$2964.25		\$4705.20	\$26.46	\$42.01
Crew C-14D	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$27.16	\$42.96
18 Carpenters	27.30	3931.20	42.95	6184.80		
2 Rodmen (reinf.)	30.40	486.40	52.60	841.60		
2 Laborers	21.45	343.20	33.75	540.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Gas Engine Vibrator		37.45		41.20		
1 Concrete Pump (small)		645.60		710.15	3.42	3.76
200 L.H., Daily Totals		\$6114.65		\$9344.15	\$30.58	\$46.72
Crew C-14E	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$26.91	\$43.88
2 Carpenters	27.30	436.80	42.95	687.20		
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
3 Laborers	21.45	514.80	33.75	810.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Gas Engine Vibrator		37.45		41.20	.43	.47
88 L.H., Daily Totals		\$2405.45		\$3902.40	\$27.34	\$44.35
Crew C-14F	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer Foreman (out)	\$23.45	\$187.60	\$36.90	\$295.20	\$24.81	\$37.60
2 Laborers	21.45	343.20	33.75	540.00		
6 Cement Finishers	26.15	1255.20	39.00	1872.00		
1 Gas Engine Vibrator		37.45		41.20	.52	.57
72 L.H., Daily Totals		\$1823.45		\$2748.40	\$25.33	\$38.17
Crew C-14G	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Laborer Foreman	\$23.45	\$187.60	\$36.90	\$295.20	\$24.42	\$37.20
2 Laborers	21.45	343.20	33.75	540.00		
4 Cement Finishers	26.15	836.80	39.00	1248.00		
1 Gas Engine Vibrator		37.45		41.20	.67	.74
56 L.H., Daily Totals		\$1405.05		\$2124.40	\$25.09	\$37.94
Crew C-14H	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$26.98	\$42.89
2 Carpenters	27.30	436.80	42.95	687.20		
1 Rodman (reinf.)	30.40	243.20	52.60	420.80		
1 Laborer	21.45	171.60	33.75	270.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Gas Engine Vibrator		37.45		41.20	.78	.86
48 L.H., Daily Totals		\$1332.65		\$2100.00	\$27.76	\$43.75

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew C-15</b>						
1 Carpenter Foreman (out)	\$29.30	\$234.40	\$46.10	\$368.80	\$25.66	\$40.43
2 Carpenters	27.30	436.80	42.95	687.20		
3 Laborers	21.45	514.80	33.75	810.00		
2 Cement Finishers	26.15	418.40	39.00	624.00		
1 Rodman (reinf.)	30.40	243.20	52.60	420.80		
72 L.H., Daily Totals		\$1847.60		\$2910.80	\$25.66	\$40.43
<b>Crew C-16</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$25.48	\$40.51
3 Laborers	21.45	514.80	33.75	810.00		
2 Cement Finishers	26.15	418.40	39.00	624.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
2 Rodmen (reinf.)	30.40	486.40	52.60	841.60		
1 Concrete Pump (small)		645.60		710.15	8.97	9.86
72 L.H., Daily Totals		\$2480.00		\$3626.55	\$34.45	\$50.37
<b>Crew C-17</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.45	\$44.88
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
80 L.H., Daily Totals		\$2276.00		\$3590.40	\$28.45	\$44.88
<b>Crew C-17A</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.46	\$44.88
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
.125 Equip. Oper. (crane)	29.35	29.35	44.65	44.65		
.125 Crane, 80 Ton, & Tools		137.25		151.00	1.69	1.86
81 L.H., Daily Totals		\$2442.60		\$3786.05	\$30.15	\$46.74
<b>Crew C-17B</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.47	\$44.87
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
.125 Equip. Oper. (crane)	29.35	58.70	44.65	89.30		
.125 Crane, 80 Ton, & Tools		274.50		301.95		
.125 Walk Behind Power Tools		12.24		13.45	3.50	3.85
82 L.H., Daily Totals		\$2621.44		\$3995.10	\$31.97	\$48.72
<b>Crew C-17C</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.48	\$44.87
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
.375 Equip. Oper. (crane)	29.35	88.05	44.65	133.95		
.375 Crane, 80 Ton & Tools		411.75		452.95	4.96	5.46
83 L.H., Daily Totals		\$2775.80		\$4177.30	\$33.44	\$50.33
<b>Crew C-17D</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.49	\$44.87
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
.5 Equip. Oper. (crane)	29.35	117.40	44.65	178.60		
.5 Crane, 80 Ton & Tools		549.00		603.90	6.54	7.19
84 L.H., Daily Totals		\$2942.40		\$4372.90	\$35.03	\$52.06
<b>Crew C-17E</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.45	\$44.88
8 Skilled Workers	28.05	1795.20	44.25	2832.00		
1 Hyd. Jack with Rods		60.50		66.55	.76	.83
80 L.H., Daily Totals		\$2336.50		\$3656.95	\$29.21	\$45.71

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew C-18</b>						
.125 Labor Foreman (out)	\$23.45	\$23.45	\$36.90	\$36.90	\$21.67	\$34.10
1 Laborer	21.45	171.60	33.75	270.00		
1 Concrete Cart, 10 C.F.		49.90		54.90	5.54	6.10
9 L.H., Daily Totals		\$244.95		\$361.80	\$27.21	\$40.20
<b>Crew C-19</b>						
.125 Labor Foreman (out)	\$23.45	\$23.45	\$36.90	\$36.90	\$21.67	\$34.10
1 Laborer	21.45	171.60	33.75	270.00		
1 Concrete Cart, 18 C.F.		83.35		91.70	9.26	10.19
9 L.H., Daily Totals		\$278.40		\$398.60	\$30.93	\$44.29
<b>Crew C-20</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.16	\$35.98
5 Laborers	21.45	858.00	33.75	1350.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
2 Gas Engine Vibrators		74.90		82.40		
1 Concrete Pump (small)		645.60		710.15	11.26	12.38
64 L.H., Daily Totals		\$2202.50		\$3095.35	\$34.42	\$48.36
<b>Crew C-21</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$23.16	\$35.98
5 Laborers	21.45	858.00	33.75	1350.00		
1 Cement Finisher	26.15	209.20	39.00	312.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
2 Gas Engine Vibrators		74.90		82.40		
1 Concrete Conveyer		180.90		199.00	4.00	4.40
64 L.H., Daily Totals		\$1737.80		\$2584.20	\$27.16	\$40.38
<b>Crew C-22</b>						
1 Rodman Foreman	\$32.40	\$259.20	\$56.10	\$448.80	\$30.60	\$52.70
4 Rodmen (reinf.)	30.40	972.80	52.60	1683.20		
.125 Equip. Oper. (crane)	29.35	29.35	44.65	44.65		
.125 Equip. Oper. Oiler	24.05	24.05	36.60	36.60		
.125 Hyd. Crane, 25 Ton		68.67		75.55	1.63	1.80
42 L.H., Daily Totals		\$1354.07		\$2288.80	\$32.23	\$54.50
<b>Crew C-23</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.18	\$44.16
6 Skilled Workers	28.05	1346.40	44.25	2124.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 90 Ton		1012.00		1113.20	12.65	13.92
80 L.H., Daily Totals		\$3266.40		\$4645.60	\$40.83	\$58.08
<b>Crew C-24</b>						
2 Skilled Worker Foremen	\$30.05	\$480.80	\$47.40	\$758.40	\$28.18	\$44.16
6 Skilled Workers	28.05	1346.40	44.25	2124.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Truck Crane, 150 Ton		1553.00		1708.30	19.41	21.35
80 L.H., Daily Totals		\$3807.40		\$5240.70	\$47.59	\$65.51
<b>Crew C-25</b>						
2 Rodmen (reinf.)	\$30.40	\$486.40	\$52.60	\$841.60	\$24.25	\$41.88
2 Rodmen Helpers	18.10	289.60	31.15	498.40		
32 L.H., Daily Totals		\$776.00		\$1340.00	\$24.25	\$41.88

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew D-1</b>						
1 Bricklayer	\$27.60	\$220.80	\$42.90	\$343.20	\$24.60	\$38.25
1 Bricklayer Helper	21.60	172.80	33.60	268.80		
16 L.H., Daily Totals		\$393.60		\$612.00	\$24.60	\$38.25
<b>Crew D-2</b>						
3 Bricklayers	\$27.60	\$662.40	\$42.90	\$1029.60	\$25.39	\$39.52
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
.5 Carpenter	27.30	109.20	42.95	171.80		
44 L.H., Daily Totals		\$1117.20		\$1739.00	\$25.39	\$39.52
<b>Crew D-3</b>						
3 Bricklayers	\$27.60	\$662.40	\$42.90	\$1029.60	\$25.30	\$39.36
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
.25 Carpenter	27.30	54.60	42.95	85.90		
42 L.H., Daily Totals		\$1062.60		\$1653.10	\$25.30	\$39.36
<b>Crew D-4</b>						
1 Bricklayer	\$27.60	\$220.80	\$42.90	\$343.20	\$24.50	\$37.86
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Grout Pump, 50 C.F./hr		67.35		74.10		
1 Hoses & Hopper		31.50		34.65		
1 Accessories		10.50		11.55	3.42	3.76
32 L.H., Daily Totals		\$893.35		\$1331.90	\$27.92	\$41.62
<b>Crew D-5</b>						
1 Bricklayer	\$27.60	\$220.80	\$42.90	\$343.20	\$27.60	\$42.90
8 L.H., Daily Totals		\$220.80		\$343.20	\$27.60	\$42.90
<b>Crew D-6</b>						
3 Bricklayers	\$27.60	\$662.40	\$42.90	\$1029.60	\$24.71	\$38.44
3 Bricklayer Helpers	21.60	518.40	33.60	806.40		
.25 Carpenter	27.30	54.60	42.95	85.90		
50 L.H., Daily Totals		\$1235.40		\$1921.90	\$24.71	\$38.44
<b>Crew D-7</b>						
1 Tile Layer	\$26.65	\$213.20	\$39.40	\$315.20	\$24.05	\$35.55
1 Tile Layer Helper	21.45	171.60	31.70	253.60		
16 L.H., Daily Totals		\$384.80		\$568.80	\$24.05	\$35.55
<b>Crew D-8</b>						
3 Bricklayers	\$27.60	\$662.40	\$42.90	\$1029.60	\$25.20	\$39.18
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
40 L.H., Daily Totals		\$1008.00		\$1567.20	\$25.20	\$39.18
<b>Crew D-9</b>						
3 Bricklayers	\$27.60	\$662.40	\$42.90	\$1029.60	\$24.60	\$38.25
3 Bricklayer Helpers	21.60	518.40	33.60	806.40		
48 L.H., Daily Totals		\$1180.80		\$1836.00	\$24.60	\$38.25
<b>Crew D-10</b>						
1 Bricklayer Foreman	\$29.60	\$236.80	\$46.05	\$368.40	\$25.95	\$40.16
1 Bricklayer	27.60	220.80	42.90	343.20		
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Truck Crane, 12.5 Ton		391.35		430.50	9.78	10.76
40 L.H., Daily Totals		\$1429.35		\$2036.90	\$35.73	\$50.92

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew D-11</b>						
1 Bricklayer Foreman	\$29.60	\$236.80	\$46.05	\$368.40	\$26.27	\$40.85
1 Bricklayer	27.60	220.80	42.90	343.20		
1 Bricklayer Helper	21.60	172.80	33.60	268.80		
24 L.H., Daily Totals		\$630.40		\$980.40	\$26.27	\$40.85
<b>Crew D-12</b>						
1 Bricklayer Foreman	\$29.60	\$236.80	\$46.05	\$368.40	\$25.10	\$39.04
1 Bricklayer	27.60	220.80	42.90	343.20		
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
32 L.H., Daily Totals		\$803.20		\$1249.20	\$25.10	\$39.04
<b>Crew D-13</b>						
1 Bricklayer Foreman	\$29.60	\$236.80	\$46.05	\$368.40	\$26.18	\$40.63
1 Bricklayer	27.60	220.80	42.90	343.20		
2 Bricklayer Helpers	21.60	345.60	33.60	537.60		
1 Carpenter	27.30	218.40	42.95	343.60		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Truck Crane, 12.5 Ton		391.35		430.50	8.15	8.97
48 L.H., Daily Totals		\$1647.75		\$2380.50	\$34.33	\$49.60
<b>Crew E-1</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.13	\$52.40
1 Welder	30.60	244.80	56.10	448.80		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Gas Welding Machine		82.35		90.60	3.43	3.77
24 L.H., Daily Totals		\$805.55		\$1348.20	\$33.56	\$56.17
<b>Crew E-2</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$29.77	\$52.20
4 Struc. Steel Workers	30.60	979.20	56.10	1795.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 90 Ton		1012.00		1113.20	18.07	19.88
56 L.H., Daily Totals		\$2679.20		\$4036.40	\$47.84	\$72.08
<b>Crew E-3</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.27	\$57.32
1 Struc. Steel Worker	30.60	244.80	56.10	448.80		
1 Welder	30.60	244.80	56.10	448.80		
1 Gas Welding Machine		82.35		90.60	3.43	3.77
24 L.H., Daily Totals		\$832.75		\$1466.20	\$34.70	\$61.09
<b>Crew E-4</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.10	\$57.01
3 Struc. Steel Workers	30.60	734.40	56.10	1346.40		
1 Gas Welding Machine		82.35		90.60	2.57	2.83
32 L.H., Daily Totals		\$1077.55		\$1915.00	\$33.67	\$59.84
<b>Crew E-5</b>						
2 Struc. Steel Foremen	\$32.60	\$521.60	\$59.75	\$956.00	\$30.22	\$53.73
5 Struc. Steel Workers	30.60	1224.00	56.10	2244.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Welder	30.60	244.80	56.10	448.80		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Crane, 90 Ton		1012.00		1113.20		
1 Gas Welding Machine		82.35		90.60	13.68	15.05
80 L.H., Daily Totals		\$3511.95		\$5502.60	\$43.90	\$68.78

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew E-6</b>						
3 Struc. Steel Foremen	\$32.60	\$782.40	\$59.75	\$1434.00	\$30.27	\$53.93
9 Struc. Steel Workers	30.60	2203.20	56.10	4039.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Welder	30.60	244.80	56.10	448.80		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crane, 90 Ton		1012.00		1113.20		
1 Gas Welding Machine		82.35		90.60		
1 Air Compr., 160 C.F.M.		97.40		107.15		
2 Impact Wrenches		57.60		63.35	9.76	10.74
128 L.H., Daily Totals		\$5124.55		\$8277.10	\$40.03	\$64.67
<b>Crew E-7</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.22	\$53.73
4 Struc. Steel Workers	30.60	979.20	56.10	1795.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Welder Foreman	32.60	260.80	59.75	478.00		
2 Welders	30.60	489.60	56.10	897.60		
1 Crane, 90 Ton		1012.00		1113.20		
2 Gas Welding Machines		164.70		181.15	14.71	16.18
80 L.H., Daily Totals		\$3594.30		\$5593.15	\$44.93	\$69.91
<b>Crew E-8</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.05	\$53.15
4 Struc. Steel Workers	30.60	979.20	56.10	1795.20		
1 Welder Foreman	32.60	260.80	59.75	478.00		
4 Welders	30.60	979.20	56.10	1795.20		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crane, 90 Ton		1012.00		1113.20		
4 Gas Welding Machines		329.40		362.35	12.90	14.19
104 L.H., Daily Totals		\$4466.20		\$7002.75	\$42.95	\$67.34
<b>Crew E-9</b>						
2 Struc. Steel Foremen	\$32.60	\$521.60	\$59.75	\$956.00	\$30.27	\$53.93
5 Struc. Steel Workers	30.60	1224.00	56.10	2244.00		
1 Welder Foreman	32.60	260.80	59.75	478.00		
5 Welders	30.60	1224.00	56.10	2244.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Crane, 90 Ton		1012.00		1113.20		
5 Gas Welding Machines		411.75		452.95	11.12	12.24
128 L.H., Daily Totals		\$5298.95		\$8468.95	\$41.39	\$66.17
<b>Crew E-10</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.60	\$57.92
1 Welder	30.60	244.80	56.10	448.80		
4 Gas Welding Machines		329.40		362.35		
1 Truck, 3 Ton		179.45		197.40	31.80	34.98
16 L.H., Daily Totals		\$1014.45		\$1486.55	\$63.40	\$92.90
<b>Crew E-11</b>						
2 Painters, Struc. Steel	\$26.00	\$416.00	\$49.15	\$786.40	\$25.16	\$43.35
1 Building Laborer	21.45	171.60	33.75	270.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Air Compressor 250 C.F.M.		124.90		137.40		
1 Sand Blaster		31.50		34.65		
1 Sand Blasting Accessories		10.50		11.55	5.22	5.74
32 L.H., Daily Totals		\$972.10		\$1570.80	\$30.38	\$49.09

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew E-12</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$29.90	\$50.55
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Gas Welding Machine		82.35		90.60	5.15	5.66
16 L.H., Daily Totals		\$560.75		\$899.40	\$35.05	\$56.21
<b>Crew E-13</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.80	\$53.62
.5 Equip. Oper. (light)	27.20	108.80	41.35	165.40		
1 Gas Welding Machine		82.35		90.60	6.86	7.55
12 L.H., Daily Totals		\$451.95		\$734.00	\$37.66	\$61.17
<b>Crew E-14</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$32.60	\$59.75
1 Gas Welding Machine		82.35		90.60	10.29	11.32
8 L.H., Daily Totals		\$343.15		\$568.60	\$42.89	\$71.07
<b>Crew E-16</b>						
1 Welder Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.60	\$57.92
1 Welder	30.60	244.80	56.10	448.80		
1 Gas Welding Machine		82.35		90.60	5.15	5.66
16 L.H., Daily Totals		\$587.95		\$1017.40	\$36.75	\$63.58
<b>Crew E-17</b>						
1 Structural Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.60	\$57.92
1 Structural Steel Worker	30.60	244.80	56.10	448.80		
1 Power Tool		2.00		2.20	.13	.14
16 L.H., Daily Totals		\$507.60		\$929.00	\$31.73	\$58.06
<b>Crew E-18</b>						
1 Structural Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.56	\$54.25
3 Structural Steel Workers	30.60	734.40	56.10	1346.40		
1 Equipment Operator (med.)	28.40	227.20	43.20	345.60		
1 Crane, 20 Ton		512.55		563.80	12.81	14.10
40 L.H., Daily Totals		\$1734.95		\$2733.80	\$43.37	\$68.35
<b>Crew E-19</b>						
1 Structural Steel Worker	\$30.60	\$244.80	\$56.10	\$448.80	\$30.13	\$52.40
1 Structural Steel Foreman	32.60	260.80	59.75	478.00		
1 Equip. Oper. (light)	27.20	217.60	41.35	330.80		
1 Power Tool		2.00		2.20		
1 Crane, 20 ton		512.55		563.80	21.44	23.58
24 L.H., Daily Totals		\$1237.75		\$1823.60	\$51.57	\$75.98
<b>Crew E-20</b>						
1 Structural Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$29.88	\$52.69
5 Structural Steel Workers	30.60	1224.00	56.10	2244.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Oiler	24.05	192.40	36.60	292.80		
1 Power Tool		2.00		2.20		
1 Crane, 40 ton		694.70		764.15	10.89	11.97
64 L.H., Daily Totals		\$2608.70		\$4138.35	\$40.77	\$64.66
<b>Crew E-22</b>						
1 Skilled Worker Foreman	\$30.05	\$240.40	\$47.40	\$379.20	\$28.72	\$45.30
2 Skilled Worker	28.05	448.80	44.25	708.00		
24 L.H., Daily Totals		\$689.20		\$1087.20	\$28.72	\$45.30



# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew E-24</b>						
3 Structural Steel Worker	\$30.60	\$734.40	\$56.10	\$1346.40	\$30.05	\$52.88
1 Equipment Operator (medium)	28.40	227.20	43.20	345.60		
1-25 ton crane		549.35		604.30	17.17	18.88
32 L.H., Daily Totals		\$1510.95		\$2296.30	\$47.22	\$71.76
<b>Crew F-2A</b>						
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$27.30	\$42.95
16 L.H., Daily Totals		\$436.80		\$687.20	\$27.30	\$42.95
<b>Crew F-3</b>						
4 Carpenters	\$27.30	\$873.60	\$42.95	\$1374.40	\$27.71	\$43.29
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Hyd. Crane, 12 Ton		443.45		487.80	11.09	12.19
40 L.H., Daily Totals		\$1551.85		\$2219.40	\$38.80	\$55.48
<b>Crew F-4</b>						
4 Carpenters	\$27.30	\$873.60	\$42.95	\$1374.40	\$27.10	\$42.17
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Equip. Oper. Oiler	24.05	192.40	36.60	292.80		
1 Hyd. Crane, 55 Ton		793.10		872.40	16.52	18.18
48 L.H., Daily Totals		\$2093.90		\$2896.80	\$43.62	\$60.35
<b>Crew F-5</b>						
1 Carpenter Foreman	\$29.30	\$234.40	\$46.10	\$368.80	\$27.80	\$43.74
3 Carpenters	27.30	655.20	42.95	1030.80		
32 L.H., Daily Totals		\$889.60		\$1399.60	\$27.80	\$43.74
<b>Crew F-6</b>						
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$25.37	\$39.61
2 Building Laborers	21.45	343.20	33.75	540.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Hyd. Crane, 12 Ton		443.45		487.80	11.09	12.19
40 L.H., Daily Totals		\$1458.25		\$2072.20	\$36.46	\$51.80
<b>Crew F-7</b>						
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$24.38	\$38.35
2 Building Laborers	21.45	343.20	33.75	540.00		
32 L.H., Daily Totals		\$780.00		\$1227.20	\$24.38	\$38.35
<b>Crew G-1</b>						
1 Roofer Foreman	\$26.10	\$208.80	\$44.90	\$359.20	\$22.67	\$39.03
4 Roofers, Composition	24.10	771.20	41.50	1328.00		
2 Roofer Helpers	18.10	289.60	31.15	498.40		
1 Application Equipment		165.70		182.25		
1 Tar Kettle/Pot		45.90		50.50		
1 Crew Truck		197.30		217.05	7.30	8.03
56 L.H., Daily Totals		\$1678.50		\$2635.40	\$29.97	\$47.06
<b>Crew G-2</b>						
1 Plasterer	\$25.70	\$205.60	\$39.40	\$315.20	\$22.92	\$35.42
1 Plasterer Helper	21.60	172.80	33.10	264.80		
1 Building Laborer	21.45	171.60	33.75	270.00		
1 Grouting Equipment		235.25		258.75	9.80	10.78
24 L.H., Daily Totals		\$785.25		\$1108.75	\$32.72	\$46.20
<b>Crew G-3</b>						
2 Sheet Metal Workers	\$31.75	\$508.00	\$49.30	\$788.80	\$26.60	\$41.53
2 Building Laborers	21.45	343.20	33.75	540.00		
32 L.H., Daily Totals		\$851.20		\$1328.80	\$26.60	\$41.53

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew G-4</b>						
1 Labor Foreman (outside)	\$23.45	\$187.60	\$36.90	\$295.20	\$22.12	\$34.80
2 Building Laborers	21.45	343.20	33.75	540.00		
1 Light Truck, 1.5 Ton		171.95		189.15		
1 Air Compr., 160 C.F.M.		97.40		107.15	11.22	12.35
24 L.H., Daily Totals		\$800.15		\$1131.50	\$33.34	\$47.15
<b>Crew G-5</b>						
1 Roofer Foreman	\$26.10	\$208.80	\$44.90	\$359.20	\$22.10	\$38.04
2 Roofers, Composition	24.10	385.60	41.50	664.00		
2 Roofer Helpers	18.10	289.60	31.15	498.40		
1 Application Equipment		165.70		182.25	4.14	4.56
40 L.H., Daily Totals		\$1049.70		\$1703.85	\$26.24	\$42.60
<b>Crew G-6A</b>						
2 Roofers Composition	\$24.10	\$385.60	\$41.50	\$664.00	\$24.10	\$41.50
1 Small Compressor		20.95		23.05		
2 Pneumatic Nailers		39.90		43.90	3.80	4.18
16 L.H., Daily Totals		\$446.45		\$730.95	\$27.90	\$45.68
<b>Crew G-7</b>						
1 Carpenter	\$27.30	\$218.40	\$42.95	\$343.60	\$27.30	\$42.95
1 Small Compressor		20.95		23.05		
1 Pneumatic Nailer		19.95		21.95	5.11	5.62
8 L.H., Daily Totals		\$259.30		\$388.60	\$32.41	\$48.57
<b>Crew H-1</b>						
2 Glaziers	\$26.60	\$425.60	\$40.50	\$648.00	\$28.60	\$48.30
2 Struc. Steel Workers	30.60	489.60	56.10	897.60		
32 L.H., Daily Totals		\$915.20		\$1545.60	\$28.60	\$48.30
<b>Crew H-2</b>						
2 Glaziers	\$26.60	\$425.60	\$40.50	\$648.00	\$24.88	\$38.25
1 Building Laborer	21.45	171.60	33.75	270.00		
24 L.H., Daily Totals		\$597.20		\$918.00	\$24.88	\$38.25
<b>Crew H-3</b>						
1 Glazier	\$26.60	\$212.80	\$40.50	\$324.00	\$23.73	\$36.65
1 Helper	20.85	166.80	32.80	262.40		
16 L.H., Daily Totals		\$379.60		\$586.40	\$23.73	\$36.65
<b>Crew J-1</b>						
3 Plasterers	\$25.70	\$616.80	\$39.40	\$945.60	\$24.06	\$36.88
2 Plasterer Helpers	21.60	345.60	33.10	529.60		
1 Mixing Machine, 6 C.F.		42.45		46.70	1.06	1.17
40 L.H., Daily Totals		\$1004.85		\$1521.90	\$25.12	\$38.05
<b>Crew J-2</b>						
3 Plasterers	\$25.70	\$616.80	\$39.40	\$945.60	\$24.52	\$37.42
2 Plasterer Helpers	21.60	345.60	33.10	529.60		
1 Lather	26.80	214.40	40.15	321.20		
1 Mixing Machine, 6 C.F.		42.45		46.70	.88	.97
48 L.H., Daily Totals		\$1219.25		\$1843.10	\$25.40	\$38.39
<b>Crew J-3</b>						
1 Terrazzo Worker	\$26.55	\$212.40	\$39.25	\$314.00	\$24.15	\$35.70
1 Terrazzo Helper	21.75	174.00	32.15	257.20		
1 Terrazzo Grinder, Electric		45.70		50.25		
1 Terrazzo Mixer		52.80		58.10	6.16	6.77
16 L.H., Daily Totals		\$484.90		\$679.55	\$30.31	\$42.47

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew J-4	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Tile Layer	\$26.65	\$213.20	\$39.40	\$315.20	\$24.05	\$35.55
1 Tile Layer Helper	21.45	171.60	31.70	253.60		
16 L.H., Daily Totals		\$384.80		\$568.80	\$24.05	\$35.55
Crew K-1	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter	\$27.30	\$218.40	\$42.95	\$343.60	\$24.52	\$38.13
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Truck w/Power Equip.		179.45		197.40	11.22	12.34
16 L.H., Daily Totals		\$571.85		\$807.40	\$35.74	\$50.47
Crew K-2	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$28.32	\$49.72
1 Struc. Steel Worker	30.60	244.80	56.10	448.80		
1 Truck Driver (light)	21.75	174.00	33.30	266.40		
1 Truck w/Power Equip.		179.45		197.40	7.48	8.22
24 L.H., Daily Totals		\$859.05		\$1390.60	\$35.80	\$57.94
Crew L-1	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Electrician	\$31.90	\$255.20	\$47.70	\$381.60	\$32.25	\$48.55
1 Plumber	32.60	260.80	49.40	395.20		
16 L.H., Daily Totals		\$516.00		\$776.80	\$32.25	\$48.55
Crew L-2	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter	\$27.30	\$218.40	\$42.95	\$343.60	\$24.08	\$37.88
1 Carpenter Helper	20.85	166.80	32.80	262.40		
16 L.H., Daily Totals		\$385.20		\$606.00	\$24.08	\$37.88
Crew L-3	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter	\$27.30	\$218.40	\$42.95	\$343.60	\$29.56	\$45.73
.5 Electrician	31.90	127.60	47.70	190.80		
.5 Sheet Metal Worker	31.75	127.00	49.30	197.20		
16 L.H., Daily Totals		\$473.00		\$731.60	\$29.56	\$45.73
Crew L-3A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman (outside)	\$29.30	\$234.40	\$46.10	\$368.80	\$30.12	\$47.17
5 Sheet Metal Worker	31.75	127.00	49.30	197.20		
12 L.H., Daily Totals		\$361.40		\$566.00	\$30.12	\$47.17
Crew L-4	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Skilled Workers	\$28.05	\$448.80	\$44.25	\$708.00	\$25.65	\$40.43
1 Helper	20.85	166.80	32.80	262.40		
24 L.H., Daily Totals		\$615.60		\$970.40	\$25.65	\$40.43
Crew L-5	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.71	\$54.99
5 Struc. Steel Workers	30.60	1224.00	56.10	2244.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Hyd. Crane, 25 Ton		549.35		604.30	9.81	10.79
56 L.H., Daily Totals		\$2268.95		\$3683.50	\$40.52	\$65.78
Crew L-5A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Structural Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.79	\$54.15
2 Structural Steel Worker	30.60	489.60	56.10	897.60		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Crane, SP, 25 Ton		547.90		602.70	17.12	18.83
32 L.H., Daily Totals		\$1533.10		\$2335.50	\$47.91	\$72.98

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew L-6	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$32.37	\$48.83
.5 Electrician	31.90	127.60	47.70	190.80		
12 L.H., Daily Totals		\$388.40		\$586.00	\$32.37	\$48.83
Crew L-7	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$26.29	\$41.00
1 Building Laborer	21.45	171.60	33.75	270.00		
.5 Electrician	31.90	127.60	47.70	190.80		
28 L.H., Daily Totals		\$736.00		\$1148.00	\$26.29	\$41.00
Crew L-8	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Carpenters	\$27.30	\$436.80	\$42.95	\$687.20	\$28.36	\$44.24
.5 Plumber	32.60	130.40	49.40	197.60		
20 L.H., Daily Totals		\$567.20		\$884.80	\$28.36	\$44.24
Crew L-9	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Labor Foreman (inside)	\$21.95	\$175.60	\$34.55	\$276.40	\$24.76	\$40.44
2 Building Laborers	21.45	343.20	33.75	540.00		
1 Struc. Steel Worker	30.60	244.80	56.10	448.80		
.5 Electrician	31.90	127.60	47.70	190.80		
36 L.H., Daily Totals		\$891.20		\$1456.00	\$24.76	\$40.44
Crew L-10	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Structural Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$30.85	\$53.50
1 Structural Steel Worker	30.60	244.80	56.10	448.80		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Hyd. Crane, 12 Ton		443.45		487.80	18.48	20.32
24 L.H., Daily Totals		\$1183.85		\$1771.80	\$49.33	\$73.82
Crew M-1	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
3 Elevator Constructors	\$33.15	\$795.60	\$50.20	\$1204.80	\$31.49	\$47.68
1 Elevator Apprentice	26.50	212.00	40.10	320.80		
5 Hand Tools		85.00		93.50	2.66	2.92
32 L.H., Daily Totals		\$1092.60		\$1619.10	\$34.15	\$50.60
Crew Q-1	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$29.35	\$44.48
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
16 L.H., Daily Totals		\$469.60		\$711.60	\$29.35	\$44.48
Crew Q-1C	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$29.03	\$44.05
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
1 Trencher, Chain		535.90		589.50	22.33	24.56
24 L.H., Daily Totals		\$1232.70		\$1646.70	\$51.36	\$68.61
Crew Q-2	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Plumbers	\$32.60	\$521.60	\$49.40	\$790.40	\$30.43	\$46.12
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
24 L.H., Daily Totals		\$730.40		\$1106.80	\$30.43	\$46.12
Crew Q-3	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber Foreman (ins)	\$33.10	\$264.80	\$50.15	\$401.20	\$31.10	\$47.13
2 Plumbers	32.60	521.60	49.40	790.40		
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
32 L.H., Daily Totals		\$995.20		\$1508.00	\$31.10	\$47.13

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew Q-4	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber Foreman (ins)	\$33.10	\$264.80	\$50.15	\$401.20	\$31.10	\$47.13
1 Plumber	32.60	260.80	49.40	395.20		
1 Welder (plumber)	32.60	260.80	49.40	395.20		
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Electric Welding Mach.		49.70		54.65	1.55	1.71
32 L.H., Daily Totals		\$1044.90		\$1562.65	\$32.65	\$48.84
Crew Q-5	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter	\$32.75	\$262.00	\$49.60	\$396.80	\$29.48	\$44.65
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
16 L.H., Daily Totals		\$471.60		\$714.40	\$29.48	\$44.65
Crew Q-6	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Steamfitters	\$32.75	\$524.00	\$49.60	\$793.60	\$30.57	\$46.30
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
24 L.H., Daily Totals		\$733.60		\$1111.20	\$30.57	\$46.30
Crew Q-7	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter Foreman (ins)	\$33.25	\$266.00	\$50.35	\$402.80	\$31.24	\$47.31
2 Steamfitters	32.75	524.00	49.60	793.60		
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
32 L.H., Daily Totals		\$999.60		\$1514.00	\$31.24	\$47.31
Crew Q-8	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter Foreman (ins)	\$33.25	\$266.00	\$50.35	\$402.80	\$31.24	\$47.31
1 Steamfitter	32.75	262.00	49.60	396.80		
1 Welder (steamfitter)	32.75	262.00	49.60	396.80		
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Electric Welding Mach.		49.70		54.65	1.55	1.71
32 L.H., Daily Totals		\$1049.30		\$1568.65	\$32.79	\$49.02
Crew Q-9	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Sheet Metal Worker	\$31.75	\$254.00	\$49.30	\$394.40	\$28.58	\$44.38
1 Sheet Metal Apprentice	25.40	203.20	39.45	315.60		
16 L.H., Daily Totals		\$457.20		\$710.00	\$28.58	\$44.38
Crew Q-10	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Sheet Metal Workers	\$31.75	\$508.00	\$49.30	\$788.80	\$29.63	\$46.02
1 Sheet Metal Apprentice	25.40	203.20	39.45	315.60		
24 L.H., Daily Totals		\$711.20		\$1104.40	\$29.63	\$46.02
Crew Q-11	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Sheet Metal Foreman (ins)	\$32.25	\$258.00	\$50.10	\$400.80	\$30.29	\$47.04
2 Sheet Metal Workers	31.75	508.00	49.30	788.80		
1 Sheet Metal Apprentice	25.40	203.20	39.45	315.60		
32 L.H., Daily Totals		\$969.20		\$1505.20	\$30.29	\$47.04
Crew Q-12	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Sprinkler Installer	\$32.50	\$260.00	\$49.25	\$394.00	\$29.25	\$44.33
1 Sprinkler Apprentice	26.00	208.00	39.40	315.20		
16 L.H., Daily Totals		\$468.00		\$709.20	\$29.25	\$44.33
Crew Q-13	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Sprinkler Foreman (ins)	\$33.00	\$264.00	\$50.05	\$400.40	\$31.00	\$46.99
2 Sprinkler Installers	32.50	520.00	49.25	788.00		
1 Sprinkler Apprentice	26.00	208.00	39.40	315.20		
32 L.H., Daily Totals		\$992.00		\$1503.60	\$31.00	\$46.99

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
Crew Q-14	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Asbestos Worker	\$30.45	\$243.60	\$49.15	\$393.20	\$27.40	\$44.23
1 Asbestos Apprentice	24.35	194.80	39.30	314.40		
16 L.H., Daily Totals		\$438.40		\$707.60	\$27.40	\$44.23
Crew Q-15	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$29.35	\$44.48
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Electric Welding Mach.		49.70		54.65	3.11	3.42
16 L.H., Daily Totals		\$519.30		\$766.25	\$32.46	\$47.90
Crew Q-16	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Plumbers	\$32.60	\$521.60	\$49.40	\$790.40	\$30.43	\$46.12
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Electric Welding Mach.		49.70		54.65	2.07	2.28
24 L.H., Daily Totals		\$780.10		\$1161.45	\$32.50	\$48.40
Crew Q-17	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter	\$32.75	\$262.00	\$49.60	\$396.80	\$29.48	\$44.65
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Electric Welding Mach.		49.70		54.65	3.11	3.42
16 L.H., Daily Totals		\$521.30		\$769.05	\$32.59	\$48.07
Crew Q-17A	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter	\$32.75	\$262.00	\$49.60	\$396.80	\$29.43	\$44.65
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Truck Crane, 12 Ton		443.45		487.80		
1 Electric Welding Mach.		49.70		54.65	20.55	22.60
24 L.H., Daily Totals		\$1199.55		\$1614.05	\$49.98	\$67.25
Crew Q-18	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Steamfitters	\$32.75	\$524.00	\$49.60	\$793.60	\$30.57	\$46.30
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Electric Welding Mach.		49.70		54.65	2.07	2.28
24 L.H., Daily Totals		\$783.30		\$1165.85	\$32.64	\$48.58
Crew Q-19	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Steamfitter	\$32.75	\$262.00	\$49.60	\$396.80	\$30.28	\$45.67
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Electrician	31.90	255.20	47.70	381.60		
24 L.H., Daily Totals		\$726.80		\$1096.00	\$30.28	\$45.67
Crew Q-20	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Sheet Metal Worker	\$31.75	\$254.00	\$49.30	\$394.40	\$29.24	\$45.04
1 Sheet Metal Apprentice	25.40	203.20	39.45	315.60		
.5 Electrician	31.90	127.60	47.70	190.80		
20 L.H., Daily Totals		\$584.80		\$900.80	\$29.24	\$45.04
Crew Q-21	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
2 Steamfitters	\$32.75	\$524.00	\$49.60	\$793.60	\$30.90	\$46.65
1 Steamfitter Apprentice	26.20	209.60	39.70	317.60		
1 Electrician	31.90	255.20	47.70	381.60		
32 L.H., Daily Totals		\$988.80		\$1492.80	\$30.90	\$46.65
Crew Q-22	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$29.35	\$44.48
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Truck Crane, 12 Ton		443.45		487.80	27.72	30.49
16 L.H., Daily Totals		\$913.05		\$1199.40	\$57.07	\$74.97

# Crews

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew Q-22A</b>						
1 Plumber	\$32.60	\$260.80	\$49.40	\$395.20	\$27.38	\$41.84
1 Plumber Apprentice	26.10	208.80	39.55	316.40		
1 Laborer	21.45	171.60	33.75	270.00		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 Truck Crane, 12 Ton		443.45		487.80	13.86	15.24
32 L.H., Daily Totals		\$1319.45		\$1826.60	\$41.24	\$57.08
<b>Crew Q-23</b>						
1 Plumber Foreman	\$34.60	\$276.80	\$52.40	\$419.20	\$31.87	\$48.33
1 Plumber	32.60	260.80	49.40	395.20		
1 Equip. Oper. (medium)	28.40	227.20	43.20	345.60		
1 Power Tools		2.00		2.20		
1 Crane, 20 Ton		512.55		563.80	21.44	23.58
24 L.H., Daily Totals		\$1279.35		\$1726.00	\$53.31	\$71.91
<b>Crew R-1</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$28.30	\$42.86
3 Electricians	31.90	765.60	47.70	1144.80		
2 Helpers	20.85	333.60	32.80	524.80		
48 L.H., Daily Totals		\$1358.40		\$2057.20	\$28.30	\$42.86
<b>Crew R-1A</b>						
1 Electrician	\$31.90	\$255.20	\$47.70	\$381.60	\$26.38	\$40.25
1 Helper	20.85	166.80	32.80	262.40		
16 L.H., Daily Totals		\$422.00		\$644.00	\$26.38	\$40.25
<b>Crew R-2</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$28.45	\$43.11
3 Electricians	31.90	765.60	47.70	1144.80		
2 Helpers	20.85	333.60	32.80	524.80		
1 Equip. Oper. (crane)	29.35	234.80	44.65	357.20		
1 S.P. Crane, 5 Ton		271.45		298.60	4.85	5.33
56 L.H., Daily Totals		\$1864.65		\$2713.00	\$33.30	\$48.44
<b>Crew R-3</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$31.59	\$47.39
1 Electrician	31.90	255.20	47.70	381.60		
.5 Equip. Oper. (crane)	29.35	117.40	44.65	178.60		
.5 S.P. Crane, 5 Ton		135.73		149.30	6.79	7.46
20 L.H., Daily Totals		\$767.53		\$1097.10	\$38.38	\$54.85
<b>Crew R-4</b>						
1 Struc. Steel Foreman	\$32.60	\$260.80	\$59.75	\$478.00	\$31.26	\$55.15
3 Struc. Steel Workers	30.60	734.40	56.10	1346.40		
1 Electrician	31.90	255.20	47.70	381.60		
1 Gas Welding Machine		82.35		90.60	2.06	2.26
40 L.H., Daily Totals		\$1332.75		\$2296.60	\$33.32	\$57.41
<b>Crew R-5</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$27.93	\$42.35
4 Electrician Linemen	31.90	1020.80	47.70	1526.40		
2 Electrician Operators	31.90	510.40	47.70	763.20		
4 Electrician Groundmen	20.85	667.20	32.80	1049.60		
1 Crew Truck		197.30		217.05		
1 Tool Van		212.10		233.30		
1 Pickup Truck, 3/4 Ton		128.95		141.85		
.2 Crane, 55 Ton		158.62		174.50		
.2 Crane, 12 Ton		88.69		97.55		
.2 Auger, Truck Mtd.		355.20		390.70		
1 Tractor w/Winch		296.95		326.65	16.34	17.97
88 L.H., Daily Totals		\$3895.41		\$5308.40	\$44.27	\$60.32

Crew No.	Bare Costs		Incl. Subs O & P		Cost Per Labor-Hour	
	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
<b>Crew R-6</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$27.93	\$42.35
4 Electrician Linemen	31.90	1020.80	47.70	1526.40		
2 Electrician Operators	31.90	510.40	47.70	763.20		
4 Electrician Groundmen	20.85	667.20	32.80	1049.60		
1 Crew Truck		197.30		217.05		
1 Tool Van		212.10		233.30		
1 Pickup Truck, 3/4 Ton		128.95		141.85		
.2 Crane, 55 Ton		158.62		174.50		
.2 Crane, 12 Ton		88.69		97.55		
.2 Auger, Truck Mtd.		355.20		390.70		
1 Tractor w/Winch		296.95		326.65		
3 Cable Trailers		419.70		461.65		
.5 Tensioning Rig		135.95		149.55		
.5 Cable Pulling Rig		813.50		894.85	31.90	35.09
88 L.H., Daily Totals		\$5264.56		\$6814.45	\$59.83	\$77.44
<b>Crew R-7</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$22.78	\$35.41
5 Electrician Groundmen	20.85	834.00	32.80	1312.00		
1 Crew Truck		197.30		217.05	4.11	4.52
48 L.H., Daily Totals		\$1290.50		\$1916.65	\$26.89	\$39.93
<b>Crew R-8</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$28.30	\$42.86
3 Electrician Linemen	31.90	765.60	47.70	1144.80		
2 Electrician Groundmen	20.85	333.60	32.80	524.80		
1 Pickup Truck, 3/4 Ton		128.95		141.85		
1 Crew Truck		197.30		217.05	6.80	7.48
48 L.H., Daily Totals		\$1684.65		\$2416.10	\$35.10	\$50.34
<b>Crew R-9</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$26.44	\$40.34
1 Electrician Lineman	31.90	255.20	47.70	381.60		
2 Electrician Operators	31.90	510.40	47.70	763.20		
4 Electrician Groundmen	20.85	667.20	32.80	1049.60		
1 Pickup Truck, 3/4 Ton		128.95		141.85		
1 Crew Truck		197.30		217.05	5.10	5.61
64 L.H., Daily Totals		\$2018.25		\$2940.90	\$31.54	\$45.95
<b>Crew R-10</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$30.14	\$45.34
4 Electrician Linemen	31.90	1020.80	47.70	1526.40		
1 Electrician Groundman	20.85	166.80	32.80	262.40		
1 Crew Truck		197.30		217.05		
3 Tram Cars		528.75		581.65	15.13	16.64
48 L.H., Daily Totals		\$2172.85		\$2975.10	\$45.27	\$61.98
<b>Crew R-11</b>						
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$28.90	\$43.69
4 Electricians	31.90	1020.80	47.70	1526.40		
1 Helper	20.85	166.80	32.80	262.40		
1 Common Laborer	21.45	171.60	33.75	270.00		
1 Crew Truck		197.30		217.05		
1 Crane, 12 Ton		443.45		487.80	11.44	12.59
56 L.H., Daily Totals		\$2259.15		\$3151.25	\$40.34	\$56.28

# Crews

Crew No.	Bare Costs		Incl. Sub O & P		Cost Per Labor-Hour	
Crew R-12	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Carpenter Foreman	\$27.80	\$222.40	\$43.75	\$350.00	\$25.62	\$40.90
4 Carpenters	27.30	873.60	42.95	1374.40		
4 Common Laborers	21.45	686.40	33.75	1080.00		
1 Equip. Oper. (med.)	28.40	227.20	43.20	345.60		
1 Steel Worker	30.60	244.80	56.10	448.80		
1 Dozer, 200 H.P.		838.95		922.85		
1 Pickup Truck, 3/4 Ton		128.95		141.85	11.00	12.10
88 L.H., Daily Totals		\$3222.30		\$4663.50	\$36.62	\$53.00
Crew R-13	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$30.25	\$45.47
3 Electricians	31.90	765.60	47.70	1144.80		
1 Equipment Operator	29.35	234.80	44.65	357.20		
1 Equipment Oiler	24.05	192.40	36.60	292.80		
.25-1 Hyd Crane, 33 Ton		173.74		191.10	3.62	3.98
48 L.H., Daily Totals		\$1625.74		\$2373.50	\$33.87	\$49.45
Crew R-15	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$31.20	\$46.77
4 Electricians	31.90	1020.80	47.70	1526.40		
1 Equipment Operator	27.20	217.60	41.35	330.80		
1 Aerial Lift Truck		281.35		309.50	5.86	6.45
48 L.H., Daily Totals		\$1778.95		\$2554.30	\$37.06	\$53.22
Crew R-18	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
.25 Electrician Foreman	\$32.40	\$64.80	\$48.45	\$96.90	\$25.14	\$38.59
1 Electrician	31.90	255.20	47.70	381.60		
2 Helpers	20.85	333.60	32.80	524.80		
26 L.H., Daily Totals		\$653.60		\$1003.30	\$25.14	\$38.59
Crew R-19	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
.5 Electrician Foreman	\$32.40	\$129.60	\$48.45	\$193.80	\$32.00	\$47.85
2 Electricians	31.90	510.40	47.70	763.20		
20 L.H., Daily Totals		\$640.00		\$957.00	\$32.00	\$47.85
Crew R-21	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
1 Electrician Foreman	\$32.40	\$259.20	\$48.45	\$387.60	\$31.94	\$47.77
3 Electricians	31.90	765.60	47.70	1144.80		
.1 Equip. Oper. (med.)	28.40	22.72	43.20	34.56		
.1 Hyd. Crane 25 Ton		54.79		60.25	1.67	1.84
32 L.H., Daily Totals		\$1102.31		\$1627.21	\$33.61	\$49.61
Crew R-22	Hr.	Daily	Hr.	Daily	Bare Costs	Incl. O&P
.66 Electrician Foreman	\$32.40	\$171.07	\$48.45	\$255.82	\$27.23	\$41.41
2 Helpers	20.85	333.60	32.80	524.80		
2 Electricians	31.90	510.40	47.70	763.20		
37.28 L.H., Daily Totals		\$1015.07		\$1543.82	\$27.23	\$41.41