

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	OVERTIME	
			A	B	C			H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G					I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G	
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
ASBESTOS WORKER, HEAT & FROST INSULATOR (JOURNEY LEVEL)														
Mechanic	08/22/17	07/01/18	39.720	2.990	9.140	8.010	0.840	0.000	60.700	\$3.69	\$5.55	\$69.95	\$94.11	\$118.27
Hazardous Material Handler Mechanic	08/22/17	07/01/18	18.380	0.000	4.540	6.060	0.220	0.000	29.200	\$1.59	\$2.39	\$33.18	\$44.36	\$55.54
APPRENTICE (Asbestos Worker, Heat & Frost Insulator)														
Level 1	08/22/17	07/01/18	17.080	0.000	7.670	0.000	0.840	0.000	25.590	\$1.48	\$2.22	\$29.29	\$39.68	\$50.07
Level 2	08/22/17	07/01/18	21.360	0.000	7.740	0.000	0.840	0.000	29.940	\$1.85	\$2.78	\$34.56	\$47.56	\$60.55
Level 3	08/22/17	07/01/18	25.630	0.000	8.530	7.010	0.840	0.000	42.010	\$2.22	\$3.33	\$47.56	\$63.15	\$78.74
Level 4	08/22/17	07/01/18	34.170	0.000	8.830	7.010	0.840	0.000	50.850	\$2.96	\$4.44	\$58.25	\$79.03	\$99.82
ASBESTOS & LEAD ABATEMENT - LABORER (JOURNEY LEVEL)														
Asbestos and Lead Abatement Worker	02/22/18	09/30/18	33.190	4.450	7.000	7.460	0.750	0.390	53.240	\$3.26	\$4.89	\$61.39	\$81.58	\$101.76
BRICKLAYER & STONEMASON (JOURNEY LEVEL)														
Marble mason, cement blocklayer, pointer, caulker, cleaner	08/22/17	04/30/18	39.910	0.000	8.000	7.430	0.870	0.450	56.660	\$3.45	\$5.19	\$65.30	\$89.58	\$113.85
APPRENTICE (Bricklayer, Stonemason)														
Level 1	08/22/17	04/30/18	13.970	0.000	8.000	7.430	0.300	0.000	29.700	\$1.21	\$1.82	\$32.72	\$41.22	\$49.72
Level 2	08/22/17	04/30/18	15.960	0.000	8.000	7.430	0.320	0.000	31.710	\$1.38	\$2.07	\$35.17	\$44.87	\$54.58
Level 3	08/22/17	04/30/18	19.960	0.000	8.000	7.430	0.360	0.000	35.750	\$1.73	\$2.59	\$40.07	\$52.21	\$64.35
Level 4	08/22/17	04/30/18	23.950	0.000	8.000	7.430	0.400	0.000	39.780	\$2.07	\$3.11	\$44.97	\$59.53	\$74.10
Level 5	08/22/17	04/30/18	27.940	0.000	8.000	7.430	0.440	0.000	43.810	\$2.42	\$3.63	\$49.86	\$66.85	\$83.85
Level 6	08/22/17	04/30/18	31.930	0.000	8.000	7.430	0.480	0.000	47.840	\$2.76	\$4.15	\$54.75	\$74.17	\$93.60
Level 7	08/22/17	04/30/18	35.920	0.000	8.000	7.430	0.520	0.000	51.870	\$3.11	\$4.67	\$59.65	\$81.50	\$103.34
BRICKLAYER: MASON FINISHER (JOURNEY LEVEL)														
Mason Finisher	08/22/17	04/30/18	27.940	0.000	8.000	7.430	0.750	0.450	44.570	\$2.42	\$3.63	\$50.62	\$67.61	\$84.61
APPRENTICE (Mason Finisher)														
Level 1	08/22/17	04/30/18	13.970	0.000	5.100	1.000	0.200	0.000	20.270	\$1.21	\$1.82	\$23.29	\$31.79	\$40.29
Level 2	08/22/17	04/30/18	16.760	0.000	5.100	1.000	0.230	0.000	23.090	\$1.45	\$2.18	\$26.72	\$36.91	\$47.11
Level 3	08/22/17	04/30/18	19.560	0.000	5.100	1.000	0.260	0.000	25.920	\$1.69	\$2.54	\$30.15	\$42.05	\$53.95
Level 4	08/22/17	04/30/18	22.350	0.000	5.100	1.000	0.290	0.000	28.740	\$1.93	\$2.91	\$33.58	\$47.17	\$60.77
BRICK TENDER (JOURNEY LEVEL)														
Brick Tender	08/22/17	06/30/18	31.360	4.100	7.120	7.530	0.650	0.440	51.200	\$3.07	\$4.61	\$58.88	\$77.95	\$97.03
BRICK TENDER (JOURNEY LEVEL)														
Forklift Operator	08/22/17	06/30/18	31.810	4.100	7.120	7.530	0.650	0.440	51.650	\$3.11	\$4.67	\$59.42	\$78.77	\$98.12
APPRENTICE (Bricktender)														
Level 1	08/22/17	06/30/18	15.680	2.870	4.980	1.510	0.650	0.440	26.130	\$1.60	\$2.41	\$30.15	\$39.68	\$49.22
Level 2	08/22/17	06/30/18	17.250	2.870	4.980	1.510	0.650	0.440	27.700	\$1.74	\$2.62	\$32.06	\$42.55	\$53.04
Level 3	08/22/17	06/30/18	18.820	2.870	4.980	1.510	0.650	0.440	29.270	\$1.88	\$2.82	\$33.97	\$45.41	\$56.86
Level 4	08/22/17	06/30/18	21.950	2.870	4.980	1.510	0.650	0.440	32.400	\$2.15	\$3.23	\$37.77	\$51.12	\$64.48
Level 5	08/22/17	06/30/18	25.090	2.870	4.980	1.510	0.650	0.440	35.540	\$2.42	\$3.63	\$41.59	\$56.85	\$72.12
Level 6	08/22/17	06/30/18	26.660	2.870	4.980	1.510	0.650	0.440	37.110	\$2.55	\$3.84	\$43.50	\$59.72	\$75.94
CARPENTER (JOURNEY LEVEL)														
Carpenter, Cabinet Installer, Insulation Installer, Hardwood Floor Worker & Acoustical Installer	08/22/17	06/30/18	41.250	5.600	7.100	4.910	0.570	0.390	59.820	\$4.05	\$6.09	\$69.96	\$95.05	\$120.14
Scaffold Builder	08/22/17	06/30/18	32.450	5.600	7.100	4.910	0.570	0.390	51.020	\$3.29	\$4.95	\$59.26	\$79.00	\$98.73
Millwright	08/22/17	06/30/18	41.750	5.600	7.100	4.910	0.570	0.590	60.520	\$4.10	\$6.16	\$70.77	\$96.17	\$121.56
APPRENTICE (Carpenter, Hardwood Floor Layer, Acoustical & Insulation Installer)														
Level 1	08/22/17	06/30/18	16.500	4.600	7.100	0.000	0.570	0.390	29.160	\$1.83	\$2.74	\$33.73	\$43.76	\$53.80
Level 2	08/22/17	06/30/18	20.630	4.600	7.100	0.000	0.570	0.390	33.290	\$2.18	\$3.28	\$38.75	\$51.30	\$63.85
Level 3	08/22/17	06/30/18	24.750	5.600	7.100	0.000	0.570	0.390	38.410	\$2.63	\$3.95	\$44.98	\$60.03	\$75.09
Level 4	08/22/17	06/30/18	26.810	5.600	7.100	4.910	0.570	0.390	45.380	\$2.80	\$4.21	\$52.40	\$68.70	\$85.01
Level 5	08/22/17	06/30/18	28.880	5.600	7.100	4.910	0.570	0.390	47.450	\$2.98	\$4.48	\$54.91	\$72.48	\$90.05
Level 6	08/22/17	06/30/18	30.940	5.600	7.100	4.910	0.570	0.390	49.510	\$3.16	\$4.75	\$57.42	\$76.24	\$95.06
Level 7	08/22/17	06/30/18	33.000	5.600	7.100	4.910	0.570	0.390	51.570	\$3.34	\$5.02	\$59.93	\$80.00	\$100.07
Level 8	08/22/17	06/30/18	37.130	5.600	7.100	4.910	0.570	0.390	55.700	\$3.70	\$5.55	\$64.95	\$87.54	\$110.12
APPRENTICE (Millwright)														
Level 1	08/22/17	06/30/18	20.880	4.600	7.100	0.000	0.570	0.590	33.740	\$2.20	\$3.31	\$39.26	\$51.96	\$64.66
Level 2	08/22/17	06/30/18	22.960	4.600	7.100	0.000	0.570	0.590	35.820	\$2.38	\$3.58	\$41.79	\$55.75	\$69.72
Level 3	08/22/17	06/30/18	25.050	5.600	7.100	0.000	0.570	0.590	38.910	\$2.65	\$3.98	\$45.55	\$60.78	\$76.02
Level 4	08/22/17	06/30/18	27.140	5.600	7.100	4.910	0.570	0.590	45.910	\$2.83	\$4.26	\$53.00	\$69.51	\$86.01
Level 5	08/22/17	06/30/18	29.230	5.600	7.100	4.910	0.570	0.590	48.000	\$3.01	\$4.53	\$55.54	\$73.32	\$91.10
Level 6	08/22/17	06/30/18	31.310	5.600	7.100	4.910	0.570	0.590	50.080	\$3.19	\$4.80	\$58.07	\$77.12	\$96.16
Level 7	08/22/17	06/30/18	33.400	5.600	7.100	4.910	0.570	0.590	52.170	\$3.37	\$5.07	\$60.61	\$80.93	\$101.24
Level 8	08/22/17	06/30/18	35.490	5.600	7.100	4.910	0.570	0.590	54.260	\$3.55	\$5.34	\$63.16	\$84.74	\$106.33
Level 9	08/22/17	06/30/18	37.580	5.600	7.100	4.910	0.570	0.590	56.350	\$3.74	\$5.61	\$65.70	\$88.56	\$111.41

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			A	B	C			D						
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
Level 10	08/22/17	06/30/18	39.660	5.600	7.100	4.910	0.570	0.590	58.430	\$3.91	\$5.88	\$68.23	\$92.35	\$116.48
APPRENTICE (Scaffold Builder)														
Level 1	08/22/17	06/30/18	12.980	4.600	7.100	0.000	0.570	0.390	25.640	\$1.52	\$2.29	\$29.45	\$37.34	\$45.24
Level 2	08/22/17	06/30/18	16.230	4.600	7.100	0.000	0.570	0.390	28.890	\$1.80	\$2.71	\$33.40	\$43.27	\$53.14
Level 3	08/22/17	06/30/18	19.470	5.600	7.100	0.000	0.570	0.390	33.130	\$2.17	\$3.26	\$38.56	\$50.40	\$62.24
Level 4	08/22/17	06/30/18	21.090	5.600	7.100	4.910	0.570	0.390	39.660	\$2.31	\$3.47	\$45.44	\$58.27	\$71.09
Level 5	08/22/17	06/30/18	22.720	5.600	7.100	4.910	0.570	0.390	41.290	\$2.45	\$3.68	\$47.42	\$61.24	\$75.06
Level 6	08/22/17	06/30/18	24.340	5.600	7.100	4.910	0.570	0.390	42.910	\$2.59	\$3.89	\$49.39	\$64.20	\$79.00
Level 7	08/22/17	06/30/18	25.960	5.600	7.100	4.910	0.570	0.390	44.530	\$2.73	\$4.10	\$51.36	\$67.15	\$82.94
Level 8	08/22/17	06/30/18	29.210	5.600	7.100	4.910	0.570	0.390	47.780	\$3.01	\$4.53	\$55.32	\$73.08	\$90.85
CARPET, LINOLEUM & RESILIENT TILE LAYER (JOURNEY LEVEL)														
Resilient Tile Layer	08/22/17	04/30/18	32.350	2.050	5.330	6.550	0.630	0.280	47.190	\$2.98	\$4.47	\$54.64	\$74.31	\$93.99
Material Handler	02/22/18	04/30/18	11.000	0.550	5.330	2.390	0.630	0.180	20.080	\$1.00	\$1.50	\$22.58	\$29.27	\$35.96
APPRENTICE (Carpet, Linoleum & Resilient Flooring)														
Level 1	08/22/17	04/30/18	14.560	0.880	0.000	1.690	0.630	0.280	18.040	\$1.34	\$2.01	\$21.38	\$30.24	\$39.10
Level 2	08/22/17	04/30/18	16.180	1.220	5.330	2.230	0.630	0.280	25.870	\$1.51	\$2.26	\$29.64	\$39.48	\$49.32
Level 3	08/22/17	04/30/18	17.790	1.360	5.330	2.470	0.630	0.280	27.860	\$1.66	\$2.49	\$32.01	\$42.83	\$53.65
Level 4	08/22/17	04/30/18	19.410	1.480	5.330	2.700	0.630	0.280	29.830	\$1.81	\$2.72	\$34.35	\$46.16	\$57.96
Level 5	08/22/17	04/30/18	21.030	1.720	5.330	3.160	0.630	0.280	32.150	\$1.97	\$2.96	\$37.08	\$49.87	\$62.66
Level 6	08/22/17	04/30/18	22.650	1.960	5.330	3.630	0.630	0.280	34.480	\$2.13	\$3.20	\$39.81	\$53.58	\$67.36
Level 7	08/22/17	04/30/18	25.880	2.200	5.330	4.100	0.630	0.280	38.420	\$2.43	\$3.65	\$44.50	\$60.24	\$75.98
Level 8	08/22/17	04/30/18	29.120	2.380	5.330	4.580	0.630	0.280	42.320	\$2.72	\$4.10	\$49.14	\$66.85	\$84.56
CEMENT MASON (JOURNEY LEVEL)														
Cement Mason, Curb & Gutter Machine Operator, Screed Operator, Magnesite-terrazzo, Epoxy, Urethanes and Exotic Coatings	08/22/17	06/30/18	34.500	6.710	7.770	8.860	0.640	0.270	58.750	\$3.56	\$5.36	\$67.67	\$88.66	\$109.64
Floating and Troweling Machine Operator	08/22/17	06/30/18	34.620	6.710	7.770	8.860	0.640	0.270	58.870	\$3.58	\$5.37	\$67.82	\$88.88	\$109.93
08/22/17	06/30/18	34.750	6.710	7.770	8.860	0.640	0.270	59.000	\$3.59	\$5.39	\$67.98	\$89.11	\$110.25	
APPRENTICE (Cement Mason)														
Level 1	08/22/17	06/30/18	17.250	2.210	7.770	0.000	0.640	0.270	28.140	\$1.68	\$2.53	\$32.35	\$42.85	\$53.34
Level 2	08/22/17	06/30/18	18.980	2.210	7.770	0.000	0.640	0.270	29.870	\$1.83	\$2.75	\$34.46	\$46.00	\$57.55
Level 3	08/22/17	06/30/18	20.700	2.210	7.770	0.000	0.640	0.270	31.590	\$1.98	\$2.98	\$36.55	\$49.14	\$61.73
Level 4	08/22/17	06/30/18	22.430	6.710	7.770	0.000	0.640	0.270	37.820	\$2.52	\$3.79	\$44.13	\$57.77	\$71.41
Level 5	08/22/17	06/30/18	24.150	6.710	7.770	8.860	0.640	0.270	48.400	\$2.67	\$4.01	\$55.08	\$69.77	\$84.46
Level 6	08/22/17	06/30/18	25.880	6.710	7.770	8.860	0.640	0.270	50.130	\$2.82	\$4.24	\$57.19	\$72.93	\$88.67
Level 7	08/22/17	06/30/18	27.600	6.710	7.770	8.860	0.640	0.270	51.850	\$2.97	\$4.46	\$59.28	\$76.07	\$92.85
Level 8	08/22/17	06/30/18	31.050	6.710	7.770	8.860	0.640	0.270	55.300	\$3.27	\$4.91	\$63.48	\$82.36	\$101.25
CRANES, PILE DRIVER & HOIST EQUIPMENT - OPERATING ENGINEER														
Group 3 - A-Frame or Winch Truck Operator	08/22/17	06/30/18	46.420	3.550	11.450	9.650	1.000	0.390	72.460	\$4.32	\$6.50	\$83.28	\$111.51	\$139.75
Group 5 - Hydraulic Boom Truck	08/22/17	06/30/18	46.780	3.550	11.450	9.650	1.000	0.390	72.820	\$4.35	\$6.54	\$83.72	\$112.17	\$140.62
Group 6 - Bridge Crane/Creter Crane/Hoist Operator	08/22/17	06/30/18	46.890	3.550	11.450	9.650	1.000	0.390	72.930	\$4.36	\$6.56	\$83.85	\$112.37	\$140.89
Group 7 - Pedestal Crane/Shovel/Drumline/Clamshell Operator (over 5 cu. yds.)	08/22/17	06/30/18	47.010	3.550	11.450	9.650	1.000	0.390	73.050	\$4.37	\$6.57	\$84.00	\$112.59	\$141.18
Group 8 - Crane Operator (up to 25 tons)	08/22/17	06/30/18	47.180	3.550	11.450	9.650	1.000	0.390	73.220	\$4.39	\$6.59	\$84.20	\$112.90	\$141.60
Group 9 - Crane Operator (over 25 tons)	08/22/17	06/30/18	47.350	3.550	11.450	9.650	1.000	0.390	73.390	\$4.40	\$6.62	\$84.41	\$113.21	\$142.01
Group 10 - Crane Operator (over 50 tons)	08/22/17	06/30/18	48.350	3.550	11.450	9.650	1.000	0.390	74.390	\$4.49	\$6.75	\$85.63	\$115.04	\$144.44
Group 11 - Crane Operator (over 100 tons)	08/22/17	06/30/18	49.350	3.550	11.450	9.650	1.000	0.390	75.390	\$4.58	\$6.88	\$86.84	\$116.86	\$146.88
Group 12 - Crane Operator (over 200 tons)	08/22/17	06/30/18	50.350	3.550	11.450	9.650	1.000	0.390	76.390	\$4.66	\$7.01	\$88.06	\$118.68	\$149.31
Group 13 - Crane Operator (over 300 tons)	08/22/17	06/30/18	51.350	3.550	11.450	9.650	1.000	0.390	77.390	\$4.75	\$7.14	\$89.28	\$120.51	\$151.74
APPRENTICE (Pile Driver - Carpenter)														
Level 1	08/22/17	06/30/18	16.550	4.600	7.100	0.000	0.570	0.390	29.210	\$1.83	\$2.75	\$33.79	\$43.86	\$53.92
Level 2	08/22/17	06/30/18	20.690	4.600	7.100	0.000	0.570	0.390	33.350	\$2.19	\$3.29	\$38.83	\$51.41	\$63.99
Level 3	08/22/17	06/30/18	24.830	5.600	7.100	0.000	0.570	0.390	38.490	\$2.63	\$3.96	\$45.08	\$60.18	\$75.28
Level 4	08/22/17	06/30/18	26.900	5.600	7.100	4.910	0.570	0.390	45.470	\$2.81	\$4.23	\$52.51	\$68.87	\$85.23
Level 5	08/22/17	06/30/18	28.970	5.600	7.100	4.910	0.570	0.390	47.540	\$2.99	\$4.49	\$55.02	\$72.65	\$90.27
Level 6	08/22/17	06/30/18	31.040	5.600	7.100	4.910	0.570	0.390	49.610	\$3.17	\$4.76	\$57.54	\$76.42	\$95.30
Level 7	08/22/17	06/30/18	33.100	5.600	7.100	4.910	0.570	0.390	51.670	\$3.35	\$5.03	\$60.05	\$80.18	\$100.31
Level 8	08/22/17	06/30/18	37.240	5.600	7.100	4.910	0.570	0.390	55.810	\$3.71	\$5.57	\$65.08	\$87.74	\$110.39

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			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training										
DREDGER - OPERATING ENGINEER (JOURNEY LEVEL)																	
Chief Engineer	02/22/18	07/31/18	50.550	3.850	11.450	9.650	1.000	0.150	76.650	\$4.71	\$7.07	\$88.43	\$119.17	\$149.92			
Leverman	02/22/18	07/31/18	53.550	3.850	11.450	9.650	1.000	0.150	79.650	\$4.97	\$7.46	\$92.08	\$124.65	\$157.22			
Watch Engineer	02/22/18	07/31/18	47.470	3.850	11.450	9.650	1.000	0.150	73.570	\$4.44	\$6.67	\$84.68	\$113.55	\$142.43			
Winchman (Stern Winch on Dredge)	02/22/18	07/31/18	46.920	3.850	11.450	9.650	1.000	0.150	73.020	\$4.39	\$6.60	\$84.01	\$112.55	\$141.09			
Dozer Operator	02/22/18	07/31/18	47.580	3.850	11.450	9.650	1.000	0.150	73.680	\$4.45	\$6.69	\$84.81	\$113.76	\$142.70			
Hydrographic Surveyor	02/22/18	07/31/18	49.010	3.850	11.450	9.650	1.000	0.150	75.110	\$4.57	\$6.87	\$86.55	\$116.36	\$146.17			
Welder	02/22/18	07/31/18	48.970	3.850	11.450	9.650	1.000	0.150	75.070	\$4.57	\$6.87	\$86.51	\$116.29	\$146.08			
DRIVER (ON/OFF- HAULING TO/FROM CONSTRUCTION SITE)																	
Ready Mix Driver	02/22/16	6/30/2016*	23.600	0.450	6.000	3.440	0.000	0.000	33.490	\$2.08	\$3.13	\$38.70	\$53.05	\$67.41			
DRIVER (ON/OFF- HAULING TO/FROM CONSTRUCTION SITE)																	
Dump truck	08/22/16	09/30/16	17.000	0.330	2.050	0.085	0.000	0.000	19.465	\$1.50	\$2.25	\$23.22	\$33.56	\$43.90			
DRYWALL INSTALLER/LATHER - CARPENTER (JOURNEY LEVEL)																	
Drywall Installer/Lather	08/22/17	06/30/18	41.250	5.600	7.100	4.910	0.570	0.670	60.100	\$4.05	\$6.09	\$70.24	\$95.33	\$120.42			
Stocker, Scrapper	08/22/17	06/30/18	12.000	4.600	7.100	0.000	0.570	0.000	24.270	\$1.44	\$2.16	\$27.86	\$35.16	\$42.46			
Apprentice (Drywall Installer/Lather, Carpenter)																	
Level 1	08/22/17	06/30/18	16.500	4.600	7.100	0.000	0.570	0.000	28.770	\$1.83	\$2.74	\$33.34	\$43.37	\$53.41			
Level 2	08/22/17	06/30/18	20.630	4.600	7.100	0.000	0.570	0.000	32.900	\$2.18	\$3.28	\$38.36	\$50.91	\$63.46			
Level 3	08/22/17	06/30/18	24.750	5.600	7.100	0.000	0.570	0.000	38.020	\$2.63	\$3.95	\$44.59	\$59.64	\$74.70			
Level 4	08/22/17	06/30/18	26.810	5.600	7.100	4.910	0.570	0.670	45.660	\$2.80	\$4.21	\$52.68	\$68.98	\$85.29			
Level 5	08/22/17	06/30/18	28.880	5.600	7.100	4.910	0.570	0.670	47.730	\$2.98	\$4.48	\$55.19	\$72.76	\$90.33			
Level 6	08/22/17	06/30/18	30.940	5.600	7.100	4.910	0.570	0.670	49.790	\$3.16	\$4.75	\$57.70	\$76.52	\$95.34			
Level 7	08/22/17	06/30/18	33.000	5.600	7.100	4.910	0.570	0.670	51.850	\$3.34	\$5.02	\$60.21	\$80.28	\$100.35			
Level 8	08/22/17	06/30/18	37.130	5.600	7.100	4.910	0.570	0.670	55.980	\$3.70	\$5.55	\$65.23	\$87.82	\$110.40			
DRYWALL FINISHER (JOURNEY LEVEL)																	
Drywall Finisher	02/22/18	09/30/18	38.580	3.070	8.450	6.380	0.670	0.670	57.820	\$3.60	\$5.41	\$66.84	\$90.30	\$113.77			
APPRENTICE (Drywall Finisher)																	
Level 1	02/22/18	09/30/18	16.810	0.550	8.450	0.000	0.670	0.670	27.150	\$1.50	\$2.26	\$30.91	\$41.13	\$51.36			
Level 2	02/22/18	09/30/18	18.250	1.050	8.450	1.690	0.670	0.670	30.780	\$1.67	\$2.51	\$34.96	\$46.06	\$57.16			
Level 3	02/22/18	09/30/18	20.170	1.050	8.450	1.690	0.670	0.670	32.700	\$1.84	\$2.76	\$37.29	\$49.56	\$61.83			
Level 4	02/22/18	09/30/18	22.100	1.050	8.450	2.810	0.670	0.670	35.750	\$2.00	\$3.01	\$40.76	\$54.20	\$67.65			
Level 5	02/22/18	09/30/18	25.050	2.050	8.450	4.030	0.670	0.670	40.920	\$2.34	\$3.52	\$46.79	\$62.02	\$77.26			
Level 6	02/22/18	09/30/18	30.840	2.050	8.450	4.030	0.670	0.670	46.710	\$2.84	\$4.28	\$53.83	\$72.59	\$91.35			
ELECTRICIAN (JOURNEY LEVEL)																	
Communication & Systems Installer**	02/22/18	12/31/18	33.640	0.000	8.560	5.120	0.650	0.250	49.229	\$2.91	\$4.37	\$56.51	\$76.97	\$97.44			
Inside Wireman, Radio Monitor Technician**	02/22/18	07/29/18	43.350	0.000	12.590	14.570	0.710	0.500	73.021	\$3.75	\$5.64	\$82.41	\$108.77	\$135.14			
Cable splicer-Welder**	02/22/18	07/29/18	45.520	0.000	12.590	14.570	0.710	0.500	75.256	\$3.94	\$5.92	\$85.11	\$112.80	\$140.49			
Tunnel Wireman**	02/22/18	07/29/18	47.690	0.000	12.590	14.570	0.710	0.500	77.491	\$4.13	\$6.20	\$87.82	\$116.82	\$145.83			
Tunnel Cable Splicer**	02/22/18	07/29/18	50.070	0.000	12.590	14.570	0.710	0.500	79.942	\$4.33	\$6.51	\$89.44	\$118.90	\$149.35			
APPRENTICE (Communication & Systems Installer)																	
Level 1	02/22/18	12/31/18	15.140	0.000	4.830	0.450	0.300	0.160	20.880	\$1.31	\$1.97	\$24.16	\$33.37	\$42.58			
Level 2	02/22/18	12/31/18	16.820	0.000	4.830	0.500	0.300	0.160	22.610	\$1.45	\$2.19	\$26.25	\$36.48	\$46.71			
Level 3	02/22/18	12/31/18	18.500	0.000	4.830	0.560	0.300	0.160	24.420	\$1.60	\$2.41	\$28.61	\$39.59	\$50.41			
Level 4	02/22/18	12/31/18	20.180	0.000	4.830	0.620	0.300	0.160	26.270	\$1.75	\$2.62	\$31.17	\$42.89	\$54.61			
Level 5	02/22/18	12/31/18	21.870	0.000	4.830	0.680	0.300	0.160	28.160	\$1.90	\$2.84	\$33.91	\$46.36	\$59.13			
Level 6	02/22/18	12/31/18	26.910	0.000	4.830	0.740	0.300	0.160	33.940	\$2.33	\$3.50	\$40.77	\$54.03	\$69.40			
APPRENTICE (Electrician, Inside Wireman)																	
Level 1	02/22/18	07/29/18	17.340	0.000	11.590	0.520	0.760	0.500	30.710	\$1.50	\$2.25	\$34.46	\$45.01	\$55.56			
Level 2	02/22/18	07/29/18	19.510	0.000	11.590	0.590	0.760	0.500	32.950	\$1.69	\$2.54	\$37.17	\$49.04	\$60.91			
Level 3	02/22/18	07/29/18	21.680	0.000	12.590	0.660	0.760	0.500	35.190	\$1.88	\$2.82	\$40.11	\$52.57	\$65.42			
Level 4	02/22/18	07/29/18	23.840	0.000	12.590	0.730	0.760	0.500	37.430	\$2.07	\$3.10	\$43.18	\$56.10	\$70.53			
Level 5	02/22/18	07/29/18	26.010	0.000	12.590	0.800	0.760	0.500	39.670	\$2.26	\$3.38	\$46.31	\$59.78	\$75.64			
Level 6	02/22/18	07/29/18	28.180	0.000	12.590	0.870	0.760	0.500	41.910	\$2.45	\$3.66	\$49.44	\$63.46	\$80.75			
Level 7	02/22/18	07/29/18	30.350	0.000	12.590	0.940	0.760	0.500	44.150	\$2.64	\$3.95	\$52.57	\$67.19	\$85.86			
Level 8	02/22/18	07/29/18	32.510	0.000	12.590	1.010	0.760	0.500	46.390	\$2.83	\$4.23	\$55.70	\$70.93	\$90.97			
Level 9	02/22/18	07/29/18	34.680	0.000	12.590	1.080	0.760	0.500	48.630	\$3.02	\$4.51	\$58.83	\$74.67	\$96.08			
Level 10	02/22/18	07/29/18	36.850	0.000	12.590	1.150	0.760	0.500	50.870	\$3.21	\$4.79	\$61.96	\$78.41	\$101.19			

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	OVERTIME	
			A	B	C								H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
ELEVATOR CONSTRUCTOR (JOURNEY LEVEL)														
Mechanic	02/22/18	12/31/18	53.850	4.890	15.425	16.610	0.610	0.360	91.745	\$5.08	\$7.64	\$104.46	\$137.22	\$169.97
Helper	02/22/18	12/31/18	37.700	3.420	15.425	16.610	0.610	0.360	74.125	\$3.56	\$5.35	\$83.03	\$105.96	\$128.89
APPRENTICE (Elevator Constructor)														
Level 1	02/22/18	12/31/18	26.930	0.000	0.000	0.000	0.000	0.000	26.930	\$2.33	\$3.50	\$32.76	\$49.14	\$65.52
Level 2	02/22/18	12/31/18	29.620	2.690	15.425	16.610	0.610	0.360	65.315	\$2.79	\$4.20	\$72.31	\$90.33	\$108.34
Level 3	02/22/18	12/31/18	35.000	3.190	15.425	16.610	0.610	0.360	71.195	\$3.30	\$4.96	\$79.46	\$100.75	\$122.04
Level 4	02/22/18	12/31/18	37.700	3.420	15.425	16.610	0.610	0.360	74.125	\$3.56	\$5.35	\$83.03	\$105.96	\$128.89
Level 5	02/22/18	12/31/18	43.080	3.910	15.425	16.610	0.610	0.360	79.995	\$4.06	\$6.11	\$90.17	\$116.37	\$142.58
FENCE BUILDER - CARPENTER (JOURNEY LEVEL)														
Fence Builder	08/22/17	06/30/18	37.290	5.000	7.100	4.660	0.570	0.210	54.830	\$3.66	\$5.50	\$63.99	\$86.67	\$109.35
FIELD SURVEYOR (JOURNEY LEVEL) (10/1/15)														
Chief of Party	02/22/18	09/30/18	48.860	4.620	11.450	9.650	1.100	0.150	75.830	\$4.63	\$6.95	\$87.41	\$117.13	\$146.85
Instrumentman	02/22/18	09/30/18	46.360	4.450	11.450	9.650	1.100	0.150	73.160	\$4.40	\$6.61	\$84.16	\$112.36	\$140.56
Chainman/Rodman	02/22/18	09/30/18	45.780	4.400	11.450	9.650	1.100	0.150	72.530	\$4.34	\$6.52	\$83.39	\$111.24	\$139.09
APPRENTICE (Chainman/Rodman)														
Level 1	02/22/18	09/30/18	19.230	3.400	11.450	0.000	1.100	0.150	35.330	\$1.96	\$2.94	\$40.23	\$51.93	\$63.62
Level 2	02/22/18	09/30/18	22.430	3.400	11.450	0.000	1.100	0.150	38.530	\$2.23	\$3.36	\$44.12	\$57.77	\$71.41
Level 3	02/22/18	09/30/18	25.640	3.400	11.450	9.650	1.100	0.150	51.390	\$2.51	\$3.78	\$57.68	\$73.27	\$88.87
Level 4	02/22/18	09/30/18	28.840	3.400	11.450	9.650	1.100	0.150	54.590	\$2.79	\$4.19	\$61.57	\$79.11	\$96.65
Level 5	02/22/18	09/30/18	31.590	3.400	11.450	9.650	1.100	0.150	57.340	\$3.03	\$4.55	\$64.92	\$84.13	\$103.34
Level 6	02/22/18	09/30/18	34.340	3.400	11.450	9.650	1.100	0.150	60.090	\$3.26	\$4.91	\$68.26	\$89.15	\$110.04
Level 7	02/22/18	09/30/18	36.620	3.400	11.450	9.650	1.100	0.150	62.370	\$3.46	\$5.20	\$71.03	\$93.31	\$115.58
FIRE SAFETY AND MISCELLANEOUS SEALING														
Asbestos Worker - Fire Safety Technician														
Class I (0-2000 hrs)	08/22/17	06/30/18	17.220	0.900	8.270	0.000	0.000	0.050	26.440	\$1.57	\$2.36	\$30.36	\$40.84	\$51.31
Class II (2001-4000 hrs)	08/22/17	06/30/18	22.000	1.260	8.270	0.000	0.000	0.050	31.580	\$2.01	\$3.02	\$36.62	\$50.00	\$63.38
Class III (4001-6000 hrs)	08/22/17	06/30/18	23.210	1.330	8.270	8.010	0.000	0.050	40.870	\$2.12	\$3.19	\$46.18	\$60.30	\$74.42
Class IV (6001 or more hrs)	08/22/17	06/30/18	26.960	1.530	8.270	8.010	0.000	0.050	44.820	\$2.46	\$3.70	\$50.99	\$67.39	\$83.78
Plumber - Fire Safety Technician														
Class I (0-2000 hrs)	08/22/17	06/30/18	18.000	0.000	7.450	0.000	0.100	0.900	26.450	\$1.56	\$2.34	\$30.35	\$41.30	\$52.24
Class II (2001-4000 hrs)	08/22/17	06/30/18	21.920	1.220	7.450	0.000	0.100	0.900	31.590	\$2.00	\$3.01	\$36.60	\$49.93	\$63.27
Class III (4001-6000 hrs)	08/22/17	06/30/18	24.620	1.720	7.450	5.620	0.100	0.900	40.410	\$2.28	\$3.42	\$46.11	\$61.09	\$76.06
Class IV (6001 or more hrs)	08/22/17	06/30/18	27.550	2.720	7.450	5.620	0.100	0.900	44.340	\$2.62	\$3.94	\$50.89	\$67.65	\$84.41
GLAZIER (JOURNEY LEVEL)														
Glazier	02/22/18	05/31/18	42.950	0.000	7.250	14.210	0.770	0.630	65.810	\$3.72	\$5.58	\$75.11	\$101.23	\$127.36
APPRENTICE (Glazier)														
Level 1	02/22/18	05/31/18	17.210	0.000	7.250	4.530	0.770	0.630	30.390	\$1.49	\$2.24	\$34.12	\$44.58	\$55.05
Level 2	02/22/18	05/31/18	19.360	0.000	7.250	5.330	0.770	0.630	33.340	\$1.67	\$2.52	\$37.53	\$49.31	\$61.08
Level 3	02/22/18	05/31/18	21.500	0.000	7.250	6.040	0.770	0.630	36.190	\$1.86	\$2.80	\$40.84	\$53.92	\$67.00
Level 4	02/22/18	05/31/18	25.790	0.000	7.250	7.370	0.770	0.630	41.810	\$2.23	\$3.35	\$47.39	\$63.08	\$78.77
Level 5	02/22/18	05/31/18	27.940	0.000	7.250	8.330	0.770	0.630	44.920	\$2.42	\$3.63	\$50.97	\$67.96	\$84.96
Level 6	02/22/18	05/31/18	32.230	0.000	7.250	9.820	0.770	0.630	50.700	\$2.79	\$4.19	\$57.68	\$77.28	\$96.89
Level 7	02/22/18	05/31/18	36.520	0.000	7.250	11.330	0.770	0.630	56.500	\$3.16	\$4.75	\$64.41	\$86.62	\$108.83
Level 8	02/22/18	05/31/18	38.660	0.000	7.250	12.260	0.770	0.630	59.570	\$3.34	\$5.03	\$67.94	\$91.45	\$114.97
GUNITE WORKER - LABORER (JOURNEY LEVEL)														
Groundwire Man, Nozzleman, Rodman	08/22/17	06/30/19	41.080	5.100	7.120	7.000	0.000	0.090	60.390	\$3.99	\$6.00	\$70.39	\$95.37	\$120.36
Gunman	08/22/17	06/30/19	40.130	5.100	7.120	7.000	0.000	0.090	59.440	\$3.91	\$5.88	\$69.23	\$93.64	\$118.05
Reboundman	08/22/17	06/30/19	36.590	5.100	7.120	7.000	0.000	0.090	55.900	\$3.61	\$5.42	\$64.93	\$87.18	\$109.44
Entry Level Gunite Worker														
Step I (0-1000 hrs)	08/22/17	06/30/19	26.200	5.100	4.200	6.110	0.000	0.060	41.670	\$2.71	\$4.07	\$48.45	\$64.38	\$80.32
Step II (1001-2000 hrs)	08/22/17	06/30/19	28.200	5.100	4.200	6.110	0.000	0.060	43.670	\$2.88	\$4.33	\$50.88	\$68.03	\$85.18
HORIZONTAL DIRECTIONAL DRILLING - LABORER (JOURNEY LEVEL)														
Group I - Drilling Crew Laborer	08/22/17	06/30/18	34.650	3.120	7.120	3.880	0.400	0.980	50.150	\$3.27	\$4.91	\$58.33	\$79.40	\$100.48
Group II - Vehicle Operator/Hauler	08/22/17	06/30/18	34.820	3.120	7.120	3.880	0.400	0.980	50.320	\$3.28	\$4.93	\$58.53	\$79.71	\$100.89
Group III - Horizontal Directional Drill Operator	08/22/17	06/30/18	36.670	3.120	7.120	3.880	0.400	0.980	52.170	\$3.44	\$5.17	\$60.78	\$83.09	\$105.39
Group IV - Electronic Tracking Locator	08/22/17	06/30/18	38.670	3.120	7.120	3.880	0.400	0.980	54.170	\$3.61	\$5.43	\$63.22	\$86.74	\$110.26

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
			A	B	C									
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
APPRENTICE (Horizontal Directional Drilling - Laborer)														
Level 1	08/22/17	06/30/18	18.100	3.210	4.980	1.510	0.690	0.610	29.100	\$1.84	\$2.77	\$33.71	\$44.72	\$55.73
Level 2	08/22/17	06/30/18	19.900	3.210	4.980	1.510	0.690	0.610	30.900	\$2.00	\$3.00	\$35.90	\$48.01	\$60.11
Level 3	08/22/17	06/30/18	21.710	3.210	4.980	1.510	0.690	0.610	32.710	\$2.16	\$3.24	\$38.11	\$51.31	\$64.52
Level 4	08/22/17	06/30/18	25.330	3.210	4.980	1.510	0.690	0.610	36.330	\$2.47	\$3.71	\$42.51	\$57.92	\$73.32
Level 5	08/22/17	06/30/18	28.950	3.210	4.980	1.510	0.690	0.610	39.950	\$2.78	\$4.18	\$46.91	\$64.52	\$82.13
Level 6	08/22/17	06/30/18	30.760	3.210	4.980	1.510	0.690	0.610	41.760	\$2.94	\$4.42	\$49.11	\$67.82	\$86.53
IRON WORKER (JOURNEY LEVEL)														
Iron Worker - Ornamental, Reinforcing, Structural	02/22/18	05/31/18	37.000	4.000	9.550	13.320	0.720	2.865	67.455	\$3.55	\$5.33	\$76.33	\$98.84	\$121.34
Fence Erector	02/22/18	05/31/18	30.580	2.700	7.380	8.990	0.510	1.905	52.065	\$2.88	\$4.33	\$59.27	\$77.87	\$96.47
APPRENTICE (Iron Worker)														
Level 1	02/22/18	05/31/18	18.500	4.000	5.500	0.000	0.720	0.285	29.005	\$1.95	\$2.93	\$33.88	\$45.13	\$56.38
Level 2	02/22/18	05/31/18	20.350	4.000	9.550	0.000	0.720	0.655	35.275	\$2.11	\$3.17	\$40.55	\$52.92	\$65.30
Level 3	02/22/18	05/31/18	22.200	4.000	9.550	3.330	0.720	0.655	40.455	\$2.27	\$3.41	\$46.11	\$59.63	\$73.13
Level 4	02/22/18	05/31/18	24.050	4.000	9.550	3.330	0.720	1.765	43.415	\$2.43	\$3.65	\$49.49	\$64.12	\$78.74
Level 5	02/22/18	05/31/18	27.750	4.000	9.550	6.660	0.720	1.765	50.445	\$2.75	\$4.13	\$57.32	\$74.20	\$91.08
Level 6	02/22/18	05/31/18	29.600	4.000	9.550	6.660	0.720	1.765	52.295	\$2.91	\$4.37	\$59.57	\$77.57	\$95.58
Level 7	02/22/18	05/31/18	33.300	4.000	9.550	9.990	0.720	2.865	60.425	\$3.23	\$4.85	\$68.50	\$88.76	\$109.01
Level 8	02/22/18	05/31/18	35.150	4.000	9.550	9.990	0.720	2.865	62.275	\$3.39	\$5.09	\$70.75	\$92.13	\$113.51
APPRENTICE (Fence Erector)														
Level 1	02/22/18	05/31/18	15.290	2.700	5.500	0.000	0.510	0.205	24.205	\$1.56	\$2.34	\$28.10	\$37.40	\$46.70
Level 2	02/22/18	05/31/18	16.820	2.700	7.380	0.000	0.510	0.245	27.655	\$1.69	\$2.54	\$31.88	\$42.11	\$52.34
Level 3	02/22/18	05/31/18	18.350	2.700	7.380	2.250	0.510	0.245	31.435	\$1.82	\$2.74	\$35.99	\$47.15	\$58.32
Level 4	02/22/18	05/31/18	19.880	2.700	7.380	2.250	0.510	1.075	33.795	\$1.95	\$2.94	\$38.68	\$50.78	\$62.87
Level 5	02/22/18	05/31/18	22.940	2.700	7.380	4.500	0.510	1.075	39.105	\$2.22	\$3.33	\$44.66	\$58.61	\$72.56
Level 6	02/22/18	05/31/18	24.460	2.700	7.380	4.500	0.510	1.075	40.625	\$2.35	\$3.53	\$46.51	\$61.38	\$76.26
Level 7	02/22/18	05/31/18	27.520	2.700	7.380	6.740	0.510	1.905	46.755	\$2.61	\$3.93	\$53.30	\$70.04	\$86.78
Level 8	02/22/18	05/31/18	29.050	2.700	7.380	6.740	0.510	1.905	48.285	\$2.75	\$4.13	\$55.16	\$72.83	\$90.50
LABORER														
Group 1 - Boring Machine Helper, Concrete Curer (water curing), Demolition Laborer, Flagman, Pipeline Laborer, Post Hole Digger, etc.	08/22/17	07/31/18	33.190	4.590	7.120	7.530	0.690	0.610	53.730	\$3.27	\$4.91	\$61.91	\$82.10	\$102.29
Group 2 - Asphalt Shovler, Cement Dumper, Fine Grader, Stonepaver, Underground Laborer, etc.	08/22/17	07/31/18	33.740	4.590	7.120	7.530	0.690	0.610	54.280	\$3.32	\$4.98	\$62.58	\$83.10	\$103.62
Group 3 - Asphalt Installation, Compactor, Concrete Cutter, Driller, Jackhammer, Fence Erector, Power Post Hole Digger, Trenching Machine, etc.	08/22/17	07/31/18	34.290	4.590	7.120	7.530	0.690	0.610	54.830	\$3.36	\$5.05	\$63.25	\$84.10	\$104.96
Group 4 - Worker Exposed to Raw Sewage, Asphalt Raker, Asphalt Dumpman & Spreader, Concrete Saw Cutter, Concrete Vibrator Operator, Pipelayer, Prefab Manhole Installer, Sandblaster, etc.	08/22/17	07/31/18	35.840	4.590	7.120	7.530	0.690	0.610	56.380	\$3.50	\$5.26	\$65.13	\$86.93	\$108.73
Group 5 - Driller, Toxic Waste Removal, Welding	08/22/17	07/31/18	36.190	4.590	7.120	7.530	0.690	0.610	56.730	\$3.53	\$5.30	\$65.56	\$87.57	\$109.58
APPRENTICE (Laborer)														
Level 1	08/22/17	07/31/18	18.100	3.210	4.980	1.510	0.690	0.610	29.100	\$1.84	\$2.77	\$33.71	\$44.72	\$55.73
Level 2	08/22/17	07/31/18	19.900	3.210	4.980	1.510	0.690	0.610	30.900	\$2.00	\$3.00	\$35.90	\$48.01	\$60.11
Level 3	08/22/17	07/31/18	21.710	3.210	4.980	1.510	0.690	0.610	32.710	\$2.16	\$3.24	\$38.11	\$51.31	\$64.52
Level 4	08/22/17	07/31/18	25.330	3.210	4.980	1.510	0.690	0.610	36.330	\$2.47	\$3.71	\$42.51	\$57.92	\$73.32
Level 5	08/22/17	07/31/18	28.950	3.210	4.980	1.510	0.690	0.610	39.950	\$2.78	\$4.18	\$46.91	\$64.52	\$82.13
Level 6	08/22/17	07/31/18	30.760	3.210	4.980	1.510	0.690	0.610	41.760	\$2.94	\$4.42	\$49.11	\$67.82	\$86.53
LANDSCAPE/IRRIGATION LABORER/TENDER														
Landscape/Irrigation Laborer	08/22/17	07/31/18	31.380	4.590	7.120	7.530	0.690	0.480	51.790	\$3.11	\$4.68	\$59.58	\$78.66	\$97.75
Landscape Hydro Seeder	08/22/17	07/31/18	32.480	4.590	7.120	7.530	0.690	0.480	52.890	\$3.21	\$4.82	\$60.92	\$80.67	\$100.43
Landscape Irrigation Tender	08/22/17	07/31/18	14.210	1.270	2.250	1.000	0.000	0.210	18.940	\$1.34	\$2.01	\$22.29	\$30.93	\$39.58
APPRENTICE (Landscape/Irrigation Fitter)														
Level 1	02/22/18	08/31/18	14.800	1.520	8.160	0.380	1.040	1.050	26.950	\$1.41	\$2.12	\$30.48	\$39.49	\$48.49
Level 2	02/22/18	08/31/18	17.750	1.750	8.160	0.380	1.110	1.050	30.200	\$1.69	\$2.54	\$34.42	\$45.22	\$56.01
Level 3	02/22/18	08/31/18	20.710	1.980	8.160	1.170	1.120	1.050	40.190	\$1.96	\$2.95	\$45.10	\$57.70	\$70.30
Level 4	02/22/18	08/31/18	23.670	2.220	8.160	1.170	1.170	1.050	43.440	\$2.24	\$3.37	\$49.05	\$63.44	\$77.84
Level 5	02/22/18	08/31/18	26.630	2.460	8.160	1.170	1.200	1.050	47.490	\$2.52	\$3.78	\$53.79	\$69.99	\$86.18
LANDSCAPE MAINTENANCE LABORER														
Landscape Maintenance Laborer	02/22/18	03/31/18	11.000	0.115	0.890	0.000	0.000	0.140	12.145	\$0.96	\$1.44	\$14.55	\$21.24	\$27.93

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	OVERTIME	
			A	B	C								H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
LANDSCAPE OPERATING ENGINEER														
Backhoe Operator, Forklifts, Roller Operator, Earthmoving Equipment Skiploader Operator, Trencher-31 hp and up	02/22/18	10/31/18	37.110	3.550	11.450	9.650	1.000	0.150	62.910	\$3.52	\$5.29	\$71.71	\$94.29	\$116.86
APPRENTICE (Landscape - Operating Engineer)														
Level 1	02/22/18	10/31/18	22.270	3.550	11.450	9.650	1.000	0.150	48.070	\$2.23	\$3.36	\$53.66	\$67.21	\$80.75
Level 2	02/22/18	10/31/18	24.120	3.550	11.450	9.650	1.000	0.150	49.920	\$2.39	\$3.60	\$55.91	\$70.58	\$85.25
Level 3	02/22/18	10/31/18	25.980	3.550	11.450	9.650	1.000	0.150	51.780	\$2.55	\$3.84	\$58.17	\$73.98	\$89.78
Level 4	02/22/18	10/31/18	27.830	3.550	11.450	9.650	1.000	0.150	53.630	\$2.71	\$4.08	\$60.42	\$77.35	\$94.28
Level 5	02/22/18	10/31/18	29.690	3.550	11.450	9.650	1.000	0.150	55.490	\$2.88	\$4.32	\$62.69	\$80.75	\$98.80
Level 6	02/22/18	10/31/18	33.400	3.550	11.450	9.650	1.000	0.150	59.200	\$3.20	\$4.80	\$67.20	\$87.52	\$107.83
METAL ROOFING SYSTEM INSTALLER (JOURNEY LEVEL)														
Metal Roofing System Installer	08/22/17	06/30/18	42.780	0.000	10.370	16.790	0.820	0.650	71.410	\$3.70	\$5.56	\$80.67	\$106.69	\$132.71
MODULAR FURNITURE INSTALLER - CARPENTER														
Installer	02/22/13	6/30/13*	17.000	1.850	4.700	1.860	0.000	0.000	25.410	\$1.63	\$2.45	\$29.49	\$39.83	\$50.17
Lead Installer	02/22/13	6/30/13*	19.000	1.850	4.700	1.860	0.000	0.000	27.410	\$1.80	\$2.71	\$31.92	\$43.48	\$55.04
APPRENTICE (Modular Furniture Installer - Carpenter)														
Level 1	08/22/13	9/30/13*	12.410	1.850	4.700	0.000	0.000	0.000	18.960	\$1.23	\$1.85	\$22.05	\$29.60	\$37.14
Level 2	08/22/13	9/30/13*	12.920	1.850	4.700	0.000	0.000	0.000	19.470	\$1.28	\$1.92	\$22.67	\$30.53	\$38.38
Level 3	08/22/13	9/30/13*	13.600	1.850	4.700	0.000	0.000	0.000	20.150	\$1.34	\$2.01	\$23.49	\$31.77	\$40.04
Level 4	08/22/13	9/30/13*	14.280	1.850	4.700	0.000	0.000	0.000	20.830	\$1.40	\$2.10	\$24.32	\$33.01	\$41.69
Level 5	08/22/13	9/30/13*	14.790	1.850	4.700	1.860	0.000	0.000	23.200	\$1.44	\$2.16	\$26.80	\$35.80	\$44.79
Level 6	08/22/13	9/30/13*	15.640	1.850	4.700	1.860	0.000	0.000	24.050	\$1.51	\$2.27	\$27.84	\$37.35	\$46.86
OPERATING ENGINEER														
Group 1 - Forklift (under 5 tons), Generator/Pump Operator, etc.	08/22/17	06/30/18	44.000	3.550	11.450	9.650	1.000	0.390	70.040	\$4.11	\$6.18	\$80.33	\$107.10	\$133.86
Group 2 - Forklift (over 5 tons), Skiploader (up to 3/4 cu yd)	08/22/17	06/30/18	44.780	3.550	11.450	9.650	1.000	0.390	70.820	\$4.18	\$6.28	\$81.28	\$108.52	\$135.76
Group 3 - Bobcat or similar type	08/22/17	06/30/18	45.070	3.550	11.450	9.650	1.000	0.390	71.110	\$4.21	\$6.32	\$81.64	\$109.05	\$136.46
Group 4 - Backhoe/Boring Machine/Concrete Pump/Drilling Machine (small auger-max 30 ft)/Excavator (under 21K lbs.)/Trenching Machine (up to 6 ft.) Operator, etc.	08/22/17	06/30/18	46.560	3.550	11.450	9.650	1.000	0.390	72.600	\$4.33	\$6.51	\$83.45	\$111.77	\$140.09
Group 6 - Concrete Placer/Hydraulic Casing Oscillator (45 ft max depth), Rubber-Tired Earthmoving Equipment (up to 25 yd struck)/Skiploader (over 3/4yds.) Operator, Welder, etc.	08/22/17	06/30/18	46.780	3.550	11.450	9.650	1.000	0.390	72.820	\$4.35	\$6.54	\$83.72	\$112.17	\$140.62
Group 8 - Asphalt/Concrete Spreading/Asphalt Paving Machine/ Asphalt-Rubber Distributor/Backhoe (Over 3/4 yds)/Compactor (Self Propelled)/Grouting Machine/Loader/Pumpcrete Gun/Skiploader (1 1/2 yd to 6 1/2 yd)/Tractor Compressor Drill Combination/Tractor/Trenching Machine Operator/Gradechecker	08/22/17	06/30/18	46.890	3.550	11.450	9.650	1.000	0.390	72.930	\$4.36	\$6.56	\$83.85	\$112.37	\$140.89
Group 10 - Backhoe (over 5 cy)/Drilling Machine Bucket or Auger Type (105 ft max depth)/Pre-stressed Wrapping Machine/Rubber-Tired Earthmoving Equipment (over 50 cy struck)/Tractor Loader (over 6 1/2 cy)/Drilling Machine Operator/Welder - Certified	08/22/17	06/30/18	47.010	3.550	11.450	9.650	1.000	0.390	73.050	\$4.37	\$6.57	\$84.00	\$112.59	\$141.18
Group 12 - Backhoe Operator (over 7 cy)/Rubber-Tired Earthmoving Equipment (over 50 yd struck)/Auto Grader/Auto Slip Form/Drilling Machine Operator (175 ft. max depth)	08/22/17	06/30/18	47.180	3.550	11.450	9.650	1.000	0.390	73.220	\$4.39	\$6.59	\$84.20	\$112.90	\$141.60
Group 13 - Rubber-Tired Earthmoving Equipment Operator (single engine, up to and including 25 yds. struck)	08/22/17	06/30/18	47.280	3.550	11.450	9.650	1.000	0.390	73.320	\$4.40	\$6.61	\$84.32	\$113.08	\$141.84
Group 14 - Canal Liner/Canal Trimmer/Remote-control Earthmoving Equipment/Wheel Excavator Operator (over 750 cu. yds.)	08/22/17	06/30/18	47.310	3.550	11.450	9.650	1.000	0.390	73.350	\$4.40	\$6.61	\$84.36	\$113.14	\$141.91
Group 15 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	47.390	3.550	11.450	9.650	1.000	0.390	73.430	\$4.41	\$6.62	\$84.46	\$113.28	\$142.11
Group 16 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	47.510	3.550	11.450	9.650	1.000	0.390	73.550	\$4.42	\$6.64	\$84.60	\$113.50	\$142.40
Group 17 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	47.680	3.550	11.450	9.650	1.000	0.390	73.720	\$4.43	\$6.66	\$84.81	\$113.81	\$142.81
Group 18 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	47.780	3.550	11.450	9.650	1.000	0.390	73.820	\$4.44	\$6.67	\$84.93	\$114.00	\$143.06
Group 19 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	47.890	3.550	11.450	9.650	1.000	0.390	73.930	\$4.45	\$6.69	\$85.07	\$114.20	\$143.32
Group 20 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	48.010	3.550	11.450	9.650	1.000	0.390	74.050	\$4.46	\$6.70	\$85.21	\$114.41	\$143.62
Group 21 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	48.180	3.550	11.450	9.650	1.000	0.390	74.220	\$4.47	\$6.72	\$85.42	\$114.73	\$144.03
Group 22 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	48.280	3.550	11.450	9.650	1.000	0.390	74.320	\$4.48	\$6.74	\$85.54	\$114.91	\$144.27
Group 23 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	48.390	3.550	11.450	9.650	1.000	0.390	74.430	\$4.49	\$6.75	\$85.68	\$115.11	\$144.54
Group 24 - Rubber-Tired Earthmoving Equipment (see description)	08/22/17	06/30/18	48.510	3.550	11.450	9.650	1.000	0.390	74.550	\$4.50	\$6.77	\$85.82	\$115.33	\$144.83
Group 25 - Concrete Pump Operator	08/22/17	06/30/18	48.680	3.550	11.450	9.650	1.000	0.390	74.720	\$4.52	\$6.79	\$86.03	\$115.64	\$145.25
APPRENTICE (Operating Engineer)														
Level 1	08/22/17	06/30/18	28.070	3.550	11.450	0.000	1.000	0.390	44.460	\$2.74	\$4.11	\$51.31	\$68.38	\$85.45

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D	E	F	G	OVERTIME	
			A	B	C			H					I	
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment					Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
Level 2	08/22/17	06/30/18	30.410	3.550	11.450	0.000	1.000	0.390	46.800	\$2.94	\$4.41	\$54.15	\$72.65	\$91.15
Level 3	08/22/17	06/30/18	32.750	3.550	11.450	9.650	1.000	0.390	58.790	\$3.14	\$4.72	\$66.65	\$86.57	\$106.49
Level 4	08/22/17	06/30/18	35.090	3.550	11.450	9.650	1.000	0.390	61.130	\$3.34	\$5.02	\$69.50	\$90.84	\$112.18
Level 5	08/22/17	06/30/18	37.420	3.550	11.450	9.650	1.000	0.390	63.460	\$3.54	\$5.33	\$72.33	\$95.09	\$117.85
Level 6	08/22/17	06/30/18	42.100	3.550	11.450	9.650	1.000	0.390	68.140	\$3.95	\$5.93	\$78.02	\$103.63	\$129.24
PAINTER (JOURNEY LEVEL)														
Painter, Lead Abatement	02/22/18	06/30/18	31.120	2.050	8.450	3.040	0.600	0.910	46.170	\$2.87	\$4.31	\$53.35	\$72.28	\$91.21
Industrial Painter	02/22/18	06/30/18	32.520	2.200	8.450	3.040	0.700	0.910	47.820	\$3.00	\$4.51	\$55.34	\$75.12	\$94.90
APPRENTICE (Painter)														
Level 1	02/22/18	06/30/18	13.380	0.740	6.500	0.140	0.600	0.910	22.270	\$1.22	\$1.84	\$25.33	\$33.47	\$41.60
Level 2	02/22/18	06/30/18	14.000	0.760	6.800	0.140	0.600	0.910	23.210	\$1.28	\$1.92	\$26.41	\$34.92	\$43.44
Level 3	02/22/18	06/30/18	14.750	0.980	7.720	0.680	0.600	0.910	25.640	\$1.36	\$2.04	\$29.05	\$38.02	\$46.99
Level 4	02/22/18	06/30/18	16.150	1.020	8.450	1.280	0.600	0.910	28.410	\$1.49	\$2.23	\$32.13	\$41.95	\$51.77
Level 5	02/22/18	06/30/18	17.540	1.610	8.450	1.340	0.600	0.910	30.450	\$1.66	\$2.49	\$34.60	\$45.26	\$55.93
Level 6	02/22/18	06/30/18	18.940	1.650	8.450	2.050	0.600	0.910	32.600	\$1.78	\$2.68	\$37.06	\$48.58	\$60.10
Level 7	02/22/18	06/30/18	20.350	1.710	8.450	2.520	0.840	0.910	34.780	\$1.91	\$2.87	\$39.56	\$51.93	\$64.31
Level 8	02/22/18	06/30/18	21.730	1.750	8.450	2.520	1.550	0.910	36.910	\$2.03	\$3.05	\$41.99	\$55.21	\$68.43
APPRENTICE (Industrial Painter)														
Level 1	02/22/18	06/30/18	13.980	0.800	6.500	0.140	0.700	0.910	23.030	\$1.28	\$1.92	\$26.23	\$34.73	\$43.24
Level 2	02/22/18	06/30/18	14.630	0.820	6.800	0.140	0.700	0.910	24.000	\$1.34	\$2.01	\$27.34	\$36.24	\$45.14
Level 3	02/22/18	06/30/18	15.420	1.050	7.720	0.680	0.700	0.910	26.480	\$1.42	\$2.14	\$30.05	\$39.42	\$48.80
Level 4	02/22/18	06/30/18	16.890	1.100	8.450	1.280	0.700	0.910	29.330	\$1.56	\$2.34	\$33.22	\$43.50	\$53.77
Level 5	02/22/18	06/30/18	18.340	1.700	8.450	1.340	0.700	0.910	31.440	\$1.73	\$2.61	\$35.78	\$46.93	\$58.09
Level 6	02/22/18	06/30/18	19.800	1.750	8.450	2.050	0.700	0.910	33.660	\$1.86	\$2.80	\$38.33	\$50.37	\$62.41
Level 7	02/22/18	06/30/18	21.260	1.810	8.450	2.520	0.940	0.910	35.890	\$2.00	\$3.00	\$40.88	\$53.82	\$66.75
Level 8	02/22/18	06/30/18	22.720	1.850	8.450	2.520	1.650	0.910	38.100	\$2.13	\$3.19	\$43.42	\$57.24	\$71.06
PARKING AND HIGHWAY IMPROVEMENT (STRIPING, SLURRY AND SEAL COAT - LABORER)														
Group 1 - Protective Coating, Pavement Sealing, Installation of Carstops, Traffic Control Person, Asphalt Repair	08/22/17	06/30/18	35.860	4.830	7.120	4.480	1.310	0.500	54.100	\$3.52	\$5.29	\$62.91	\$84.72	\$106.53
Group 2 - Traffic Surface Abrasive Blaster, Traffic Control Person/Certified, Repairing and Filling of Cracks and Surface Cleaning on Streets, Slurry Seal Squeegeeeman (Finisher)	08/22/17	06/30/18	37.160	4.830	7.120	4.480	1.310	0.500	55.400	\$3.63	\$5.46	\$64.49	\$87.09	\$109.70
Group 3 - Traffic Delineating Device Applicator, Traffic Protective System Installer, Pavement Marking Applicator, Slurry Seal Applicator	08/22/17	06/30/18	39.170	4.830	7.120	4.480	1.310	0.500	57.410	\$3.81	\$5.72	\$66.94	\$90.76	\$114.59
Group 4 - Traffic Stripping Applicator, Slurry Seal Mixer Operator	08/22/17	06/30/18	40.910	4.830	7.120	4.480	1.310	0.500	59.150	\$3.96	\$5.95	\$69.05	\$93.94	\$118.82
APPRENTICE (Parking & Highway Improvement/Striper - Laborer)														
Level 1	08/22/17	06/30/18	22.950	2.420	4.980	1.340	0.550	0.000	32.240	\$2.19	\$3.30	\$37.73	\$51.69	\$65.65
Level 2	08/22/17	06/30/18	26.870	2.420	4.980	1.340	0.550	0.000	36.160	\$2.53	\$3.81	\$42.50	\$58.84	\$75.19
Level 3	08/22/17	06/30/18	29.380	3.380	5.700	1.790	1.310	0.440	42.000	\$2.83	\$4.26	\$49.09	\$66.96	\$84.83
Level 4	08/22/17	06/30/18	31.340	3.380	5.700	1.790	1.310	0.440	43.960	\$3.00	\$4.51	\$51.48	\$70.54	\$89.60
PLASTERER (JOURNEY LEVEL)														
Plasterer	08/22/17	07/31/18	35.610	5.650	9.130	4.590	0.730	0.990	56.700	\$3.57	\$5.36	\$65.63	\$87.29	\$108.95
Plaster Tender	08/22/17	08/07/18	35.050	5.120	7.120	6.930	1.020	0.960	56.200	\$3.47	\$5.22	\$64.90	\$86.22	\$107.54
Plaster clean-up Laborer	08/22/17	08/07/18	32.500	5.120	7.120	6.930	1.020	0.960	53.650	\$3.25	\$4.89	\$61.79	\$81.56	\$101.33
APPRENTICE (Plasterer)														
Level 1	08/22/17	07/31/18	16.020	4.390	9.130	0.000	0.000	0.000	29.540	\$1.77	\$2.65	\$33.96	\$43.70	\$53.45
Level 2	08/22/17	07/31/18	17.810	4.490	9.130	4.590	0.730	0.990	37.740	\$1.93	\$2.90	\$42.57	\$53.40	\$64.23
Level 3	08/22/17	07/31/18	21.370	4.700	9.130	4.590	0.730	0.990	41.510	\$2.26	\$3.39	\$47.15	\$60.15	\$73.15
Level 4	08/22/17	07/31/18	24.930	4.910	9.130	4.590	0.730	0.990	45.280	\$2.58	\$3.88	\$51.74	\$66.90	\$82.07
Level 5	08/22/17	07/31/18	28.490	5.110	9.130	4.590	0.730	0.990	49.040	\$2.91	\$4.37	\$56.31	\$73.64	\$90.97
Level 6	08/22/17	07/31/18	32.050	5.320	9.130	4.590	0.730	0.990	52.810	\$3.23	\$4.86	\$60.90	\$80.40	\$99.89

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
			A	B	C			D						
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
APPRENTICE (Plaster Tender)														
Level 1	08/22/17	08/07/18	15.770	5.120	4.270	1.390	1.020	0.060	27.630	\$1.81	\$2.72	\$32.15	\$41.74	\$51.34
Level 2	08/22/17	08/07/18	17.530	5.120	4.980	2.770	1.020	0.060	31.480	\$1.96	\$2.94	\$36.38	\$47.05	\$57.71
Level 3	08/22/17	08/07/18	21.030	5.120	5.700	4.160	1.020	0.060	37.090	\$2.26	\$3.40	\$42.75	\$55.54	\$68.33
Level 4	08/22/17	08/07/18	24.540	5.120	6.410	5.540	1.020	0.060	42.690	\$2.57	\$3.86	\$49.11	\$64.04	\$78.96
Level 5	08/22/17	08/07/18	28.040	5.120	6.410	5.890	1.020	0.060	46.540	\$2.87	\$4.31	\$53.72	\$70.77	\$87.83
Level 6	08/22/17	08/07/18	31.550	5.120	6.410	6.240	1.020	0.060	50.400	\$3.17	\$4.77	\$58.34	\$77.53	\$96.72
PLUMBER (JOURNEY LEVEL)														
Plumber, Industrial and General Pipefitter	02/22/18	08/31/18	49.280	0.000	8.160	11.500	1.950	1.250	72.140	\$4.26	\$6.41	\$82.81	\$112.78	\$142.76
Sewer and Storm Drain Pipelayer	02/22/18	08/31/18	36.390	0.000	8.050	8.650	1.680	1.250	56.020	\$3.15	\$4.73	\$63.90	\$86.03	\$108.17
Sewer and Storm Drain Pipe Tradesman	08/22/17	08/31/18	18.130	0.000	8.050	0.380	1.110	1.100	28.770	\$1.57	\$2.36	\$32.70	\$43.72	\$54.75
Landscape/Irrigation Fitter	02/22/18	08/31/18	32.300	0.000	8.160	11.500	1.340	1.050	54.350	\$2.79	\$4.20	\$61.34	\$80.99	\$100.64
Landscape/Irrigation Tradesman	08/22/17	08/31/18	14.110	0.000	3.000	0.880	0.100	0.850	18.940	\$1.22	\$1.83	\$21.99	\$30.58	\$39.16
Fire Sprinkler Fitter	02/22/18	08/31/18	42.260	0.000	9.570	14.900	1.450	0.300	68.480	\$3.66	\$5.49	\$77.63	\$103.33	\$129.04
APPRENTICE (Plumber, Pipefitter, Steamfitter)														
Level 1	02/22/18	08/31/18	22.470	0.000	0.000	0.380	1.130	1.130	25.110	\$1.94	\$2.92	\$29.97	\$43.64	\$57.31
Level 2	02/22/18	08/31/18	25.080	0.000	8.160	0.380	1.200	1.190	36.010	\$2.17	\$3.26	\$41.44	\$56.69	\$71.95
Level 3	02/22/18	08/31/18	29.980	0.000	8.160	5.630	1.210	1.190	46.170	\$2.59	\$3.90	\$52.66	\$70.90	\$89.13
Level 4	02/22/18	08/31/18	34.870	0.000	8.160	6.010	1.260	1.190	51.490	\$3.02	\$4.53	\$61.34	\$80.25	\$101.46
Level 5	02/22/18	08/31/18	39.770	0.000	8.160	6.440	1.290	1.190	56.850	\$3.44	\$5.17	\$65.46	\$89.65	\$113.84
ROOFER (JOURNEY LEVEL)														
Roofer	08/22/17	07/31/18	37.070	0.000	8.060	7.570	0.510	0.630	53.840	\$3.21	\$4.82	\$61.87	\$84.41	\$106.96
Pitch Work	08/22/17	07/31/18	38.820	0.000	8.060	7.570	0.510	0.630	55.590	\$3.36	\$5.05	\$63.99	\$87.61	\$111.22
APPRENTICE (Roofer)														
Level 1	08/22/17	07/31/18	20.410	0.000	8.060	4.470	0.510	0.630	34.080	\$1.77	\$2.65	\$38.50	\$50.91	\$63.33
Level 2	08/22/17	07/31/18	22.080	0.000	8.060	4.470	0.510	0.630	35.750	\$1.91	\$2.87	\$40.53	\$53.96	\$67.39
Level 3	08/22/17	07/31/18	23.740	0.000	8.060	4.470	0.510	0.630	37.410	\$2.05	\$3.09	\$42.55	\$56.99	\$71.43
Level 4	08/22/17	07/31/18	25.410	0.000	8.060	4.470	0.510	0.630	39.080	\$2.20	\$3.30	\$44.58	\$60.04	\$75.49
Level 5	08/22/17	07/31/18	27.070	0.000	8.060	4.470	0.510	0.630	40.740	\$2.34	\$3.52	\$46.60	\$63.07	\$79.53
Level 6	08/22/17	07/31/18	30.410	0.000	8.060	4.720	0.510	0.630	44.330	\$2.63	\$3.95	\$50.91	\$69.41	\$87.91
Level 7	08/22/17	07/31/18	33.740	0.000	8.060	4.720	0.510	0.630	47.660	\$2.92	\$4.39	\$54.96	\$75.49	\$96.01
SHEET METAL WORKER (JOURNEY LEVEL)														
Sheet Metal Worker	8/22/20117	06/30/18	42.780	0.000	10.370	16.790	0.820	0.650	71.410	\$3.70	\$5.56	\$80.67	\$106.69	\$132.71
APPRENTICE (Sheet metal Worker)														
Level 1	08/22/17	06/30/18	14.570	0.000	6.220	2.100	1.670	0.350	24.910	\$1.26	\$1.89	\$28.06	\$36.93	\$45.79
Level 2	08/22/17	06/30/18	16.190	0.000	6.220	2.230	1.670	0.350	26.660	\$1.40	\$2.10	\$30.17	\$40.01	\$49.86
Level 3	08/22/17	06/30/18	17.810	0.000	6.220	2.350	1.670	0.350	28.400	\$1.54	\$2.32	\$32.26	\$43.09	\$53.92
Level 4	08/22/17	06/30/18	19.430	0.000	6.220	2.470	1.670	0.350	30.140	\$1.68	\$2.53	\$34.35	\$46.16	\$57.98
Level 5	08/22/17	06/30/18	21.050	0.000	6.220	2.590	1.670	0.350	31.880	\$1.82	\$2.74	\$36.44	\$49.24	\$62.04
Level 6	08/22/17	06/30/18	22.670	0.000	6.220	2.720	1.670	0.350	33.630	\$1.96	\$2.95	\$38.54	\$52.33	\$66.12
Level 7	08/22/17	06/30/18	24.290	0.000	6.220	2.840	1.670	0.350	35.370	\$2.10	\$3.16	\$40.63	\$55.40	\$70.18
Level 8	08/22/17	06/30/18	25.900	0.000	6.220	2.960	1.670	0.350	37.100	\$2.24	\$3.37	\$42.71	\$58.46	\$74.21
Level 9	08/22/17	06/30/18	27.520	0.000	6.220	3.080	1.670	0.350	38.840	\$2.38	\$3.58	\$44.80	\$61.54	\$78.28
Level 10	08/22/17	06/30/18	29.140	0.000	6.220	3.210	1.670	0.350	40.590	\$2.52	\$3.79	\$46.90	\$64.62	\$82.35
APPRENTICE (Sheet metal Worker) HVAC														
Level 1	08/22/17	06/30/18	18.820	0.000	6.220	5.880	0.820	0.650	32.390	\$1.63	\$2.45	\$36.46	\$47.91	\$59.36
Level 2	08/22/17	06/30/18	20.530	0.000	6.220	6.050	0.820	0.650	34.270	\$1.78	\$2.67	\$38.71	\$51.20	\$63.69
Level 3	08/22/17	06/30/18	22.250	0.000	6.220	6.220	0.820	0.650	36.160	\$1.92	\$2.89	\$40.98	\$54.51	\$68.04
Level 4	08/22/17	06/30/18	23.960	0.000	6.220	6.390	0.820	0.650	38.040	\$2.07	\$3.11	\$43.23	\$57.80	\$72.37
Level 5	08/22/17	06/30/18	25.670	0.000	10.370	6.560	0.820	0.650	44.070	\$2.22	\$3.34	\$49.63	\$65.24	\$80.86
Level 6	08/22/17	06/30/18	27.380	0.000	10.370	6.730	0.820	0.650	45.950	\$2.37	\$3.56	\$51.88	\$68.53	\$85.19
Level 7	08/22/17	06/30/18	29.090	0.000	10.370	6.900	0.820	0.650	47.830	\$2.52	\$3.78	\$54.13	\$71.82	\$89.52
Level 8	08/22/17	06/30/18	30.800	0.000	10.370	7.070	0.820	0.650	49.710	\$2.66	\$4.00	\$56.38	\$75.11	\$93.85
Level 9	08/22/17	06/30/18	32.510	0.000	10.370	7.250	0.820	0.650	51.600	\$2.81	\$4.23	\$58.64	\$78.41	\$98.19
Level 10	08/22/17	06/30/18	34.220	0.000	10.370	7.420	0.820	0.650	53.480	\$2.96	\$4.45	\$60.89	\$81.70	\$102.52
TEAMSTERS (WORK ON SITE ONLY)														
Group 2 - Truck Mounted Power Broom	02/22/18	06/30/18	29.740	3.050	17.470	5.600	1.620	0.450	57.930	\$2.84	\$4.26	\$65.03	\$83.12	\$101.21
Group 3 - Dump Truck (under 16 yds.)	02/22/18	06/30/18	29.870	3.050	17.470	5.600	1.620	0.450	58.060	\$2.85	\$4.28	\$65.19	\$83.36	\$101.52
Group 6 - Dump Truck (16 - 25 yds)	02/22/18	06/30/18	30.120	3.050	17.470	5.600	1.620	0.450	58.310	\$2.87	\$4.31	\$65.49	\$83.81	\$102.13
Group 8 - Dump Truck (25 - 49 yds)	02/22/18	06/30/18	30.620	3.050	17.470	5.600	1.620	0.450	58.810	\$2.91	\$4.38	\$66.10	\$84.72	\$103.35
TERRAZZO FINISHER (JOURNEY LEVEL)														
Terrazzo Finisher	08/22/17	08/31/18	29.750	0.000	8.750	3.530	0.630	0.260	42.920	\$2.57	\$3.87	\$49.36	\$67.46	\$85.55

**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2018-1)**

CRAFT	Issue Date	Expiration Date	BASE WAGE		FRINGE BENEFITS				D Total Base Hourly Wage Rate = (A+B+C)	E Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B)	F Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B)	G Total Burdened Hourly Rate (D+E+F)	H Total Burdened Hourly Rate for Work over 8 hours, Saturday ((A+(A*0.2165))*0.5)+G	I Total Burdened Hourly Rate for Work on Sunday, Holidays ((A+(A*0.2165))*1.0)+G
			A	B	C									
			Base Hourly Wage Rate	Vacation and Holiday	Health and Welfare	Pension	Training	Other Payment						
APPRENTICE (Terrazo Finisher)														
Level 1	08/22/17	08/31/18	14.880	0.000	3.230	0.000	0.510	0.120	18.740	\$1.29	\$1.93	\$21.96	\$31.01	\$40.06
Level 2	08/22/17	08/31/18	17.850	0.000	6.960	3.400	0.510	0.120	28.840	\$1.54	\$2.32	\$32.70	\$43.56	\$54.42
Level 3	08/22/17	08/31/18	22.310	0.000	8.750	3.400	0.510	0.120	35.090	\$1.93	\$2.90	\$39.92	\$53.49	\$67.06
Level 4	08/22/17	08/31/18	23.800	0.000	8.750	3.400	0.510	0.120	36.580	\$2.06	\$3.09	\$41.73	\$56.21	\$70.69
TERRAZZO WORKER (JOURNEY LEVEL)														
Terrazzo Worker	08/22/17	08/31/18	36.750	0.000	9.250	3.860	0.710	0.260	50.830	\$3.18	\$4.78	\$58.79	\$81.14	\$103.49
TILE FINISHER (JOURNEY LEVEL)														
Tile Finisher	08/22/17	05/31/18	25.980	0.000	8.430	2.000	0.800	0.280	37.490	\$2.25	\$3.38	\$43.11	\$58.92	\$74.72
APPRENTICE (Tile Finisher)														
Level 1	08/22/17	05/31/18	15.330	0.000	4.240	0.000	0.800	0.050	20.420	\$1.33	\$1.99	\$23.74	\$33.06	\$42.39
Level 2	08/22/17	05/31/18	18.710	0.000	6.380	0.000	0.800	0.050	25.940	\$1.62	\$2.43	\$29.99	\$41.37	\$52.75
Level 3	08/22/17	05/31/18	22.080	0.000	7.580	2.000	0.800	0.050	32.510	\$1.91	\$2.87	\$37.29	\$50.72	\$64.15
Level 4	08/22/17	05/31/18	24.940	0.000	7.580	2.000	0.800	0.050	35.370	\$2.16	\$3.24	\$40.77	\$55.94	\$71.11
TILE LAYER (JOURNEY LEVEL)														
Tile Layer	08/22/17	05/31/18	37.760	0.000	9.250	6.140	0.980	0.370	54.500	\$3.27	\$4.91	\$62.68	\$85.64	\$108.61
APPRENTICE (Tile Layer)														
Level 1	08/22/17	05/31/18	16.990	0.000	9.250	0.000	0.980	0.370	27.590	\$1.47	\$2.21	\$31.27	\$41.60	\$51.94
Level 2	08/22/17	05/31/18	19.260	0.000	9.250	0.000	0.980	0.370	29.860	\$1.67	\$2.50	\$34.03	\$45.74	\$57.46
Level 3	08/22/17	05/31/18	21.900	0.000	9.250	6.140	0.980	0.370	38.640	\$1.89	\$2.85	\$43.38	\$56.70	\$70.02
Level 4	08/22/17	05/31/18	24.170	0.000	9.250	6.140	0.980	0.370	40.910	\$2.09	\$3.14	\$46.14	\$60.84	\$75.55
Level 5	08/22/17	05/31/18	26.430	0.000	9.250	6.140	0.980	0.370	43.170	\$2.29	\$3.44	\$48.89	\$64.97	\$81.04
Level 6	08/22/17	05/31/18	28.700	0.000	9.250	6.140	0.980	0.370	45.440	\$2.48	\$3.73	\$51.65	\$69.11	\$86.57
Level 7	08/22/17	05/31/18	33.230	0.000	9.250	6.140	0.980	0.370	49.970	\$2.87	\$4.32	\$57.16	\$77.38	\$97.59
Level 8	08/22/17	05/31/18	35.490	0.000	9.250	6.140	0.980	0.370	52.230	\$3.07	\$4.61	\$59.91	\$81.50	\$103.09
TREE TRIMMER (LINE CLEARANCE)														
Tree Trimmer														
Step 1	02/22/18	12/29/18	15.050	0.690	3.510	0.440	0.000	0.000	19.690	\$1.36	\$2.05	\$23.10	\$32.25	\$41.41
Step 2	02/22/18	12/29/18	16.010	0.740	3.510	0.470	0.000	0.000	20.730	\$1.45	\$2.18	\$24.36	\$34.09	\$43.83
Step 3	02/22/18	12/29/18	16.660	0.770	3.510	0.480	0.000	0.000	21.420	\$1.51	\$2.27	\$25.19	\$35.33	\$45.46
Step 4	02/22/18	12/29/18	17.400	0.800	3.510	0.510	0.000	0.000	22.220	\$1.57	\$2.37	\$26.16	\$36.74	\$47.33
Tree Trimmer Trainee	02/22/18	12/29/18	14.300	0.660	3.510	0.420	0.000	0.000	18.890	\$1.29	\$1.94	\$22.13	\$30.83	\$39.52
TUNNEL WORKER - LABORER (JOURNEY LEVEL)														
Group 3 - Micro-Tunneling, Micro-Tunneling Systems	08/22/17	06/30/18	39.820	4.590	7.120	7.530	0.690	0.610	60.360	\$3.84	\$5.77	\$69.97	\$94.20	\$118.42
TUNNEL - OPERATING ENGINEER (JOURNEY LEVEL)														
Group 6 - Grouting Machine Operator	08/22/17	06/30/18	47.390	3.550	11.450	9.650	1.000	0.390	73.430	\$4.41	\$6.62	\$84.46	\$113.28	\$142.11

Notes:

- The Change Order Labor Rates are calculated using the most current published prevailing wage and fringe benefits determination, applicable to the Los Angeles County and the particular labor classification, from the State of California Director of Industrial Relations. To the Total Base Hourly Wage Rate (Column D), will be added Payroll Taxes at 8.65% (Column E), and Worker's Compensation & General Liability Insurance at 13% (Column F) of the base wages (Columns A+B), respectively.
- The most commonly used labor classifications employed on Bureau of Engineering projects are listed in the table above. The change order rates for labor classifications not listed in the table will be calculated using the available prevailing wage wage and fringe benefit determinations from the State of California Industrial Relations. Payment to a craft of classification not shown on the prevailing wage rate determinations shall comply with the rate of the craft or classification most closely related to it.
- Copies of the prevailing wage and fringe benefit determinations are available on the internet at <http://www.dir.ca.gov/OPRL/PWD/>.

* Effective until superseded by a new determination issued by the State of California Director of Industrial Relations.
 ** In addition, an amount equal to 3% of the base hourly rate is added to the total hourly rate and overtime hourly rates for the National Employees Benefit Board.