



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 Base Hourly Wage Rate | B Vacation and Holiday | C | | | | | | | | | |
| | | | | | Health and Welfare | Pension | Training | Other Payment | | | | | | |
| ASBESTOS WORKER, HEAT & FROST INSULATOR (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Mechanic | 08/22/17 | 07/01/18 | \$39.72 | \$2.99 | \$9.14 | \$8.01 | \$0.84 | \$0.00 | \$60.70 | \$3.69 | \$5.55 | \$69.95 | \$94.11 | \$118.27 |
| Hazardous Material Handler Mechanic | 08/22/17 | 07/01/18 | \$18.38 | \$0.00 | \$4.54 | \$6.06 | \$0.22 | \$0.00 | \$29.20 | \$1.59 | \$2.39 | \$33.18 | \$44.36 | \$55.54 |
| APPRENTICE (Asbestos Worker, Heat & Frost Insulator) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 07/01/18 | \$17.08 | \$0.00 | \$7.67 | \$0.00 | \$0.84 | \$0.00 | \$25.59 | \$1.48 | \$2.22 | \$29.29 | \$39.68 | \$50.07 |
| Level 2 | 08/22/17 | 07/01/18 | \$21.36 | \$0.00 | \$7.74 | \$0.00 | \$0.84 | \$0.00 | \$29.94 | \$1.85 | \$2.78 | \$34.56 | \$47.56 | \$60.55 |
| Level 3 | 08/22/17 | 07/01/18 | \$25.63 | \$0.00 | \$8.53 | \$7.01 | \$0.84 | \$0.00 | \$42.01 | \$2.22 | \$3.33 | \$47.56 | \$63.15 | \$78.74 |
| Level 4 | 08/22/17 | 07/01/18 | \$34.17 | \$0.00 | \$8.83 | \$7.01 | \$0.84 | \$0.00 | \$50.85 | \$2.96 | \$4.44 | \$58.25 | \$79.03 | \$99.82 |
| ASBESTOS & LEAD ABATEMENT - LABORER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Asbestos and Lead Abatement Worker | 02/22/17 | 12/31/17 | \$31.88 | \$4.45 | \$7.00 | \$6.50 | \$0.75 | \$0.39 | \$50.97 | \$3.14 | \$4.72 | \$58.84 | \$78.23 | \$97.62 |
| BRICKLAYER & STONEMASON (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Brick Layer, Stone Mason, Cement Blocklayer, Pointer, Caulker & | 08/22/17 | 04/30/18 | \$39.91 | \$0.00 | \$8.00 | \$7.43 | \$0.87 | \$0.45 | \$56.66 | \$3.45 | \$5.19 | \$65.30 | \$89.58 | \$113.85 |
| APPRENTICE (Bricklayer, Stonemason) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 04/30/18 | \$13.97 | \$0.00 | \$8.00 | \$7.43 | \$0.30 | \$0.00 | \$29.70 | \$1.21 | \$1.82 | \$32.72 | \$41.22 | \$49.72 |
| Level 2 | 08/22/17 | 04/30/18 | \$15.96 | \$0.00 | \$8.00 | \$7.43 | \$0.32 | \$0.00 | \$31.71 | \$1.38 | \$2.07 | \$35.17 | \$44.87 | \$54.58 |
| Level 3 | 08/22/17 | 04/30/18 | \$19.96 | \$0.00 | \$8.00 | \$7.43 | \$0.36 | \$0.00 | \$35.75 | \$1.73 | \$2.59 | \$40.07 | \$52.21 | \$64.35 |
| Level 4 | 08/22/17 | 04/30/18 | \$23.95 | \$0.00 | \$8.00 | \$7.43 | \$0.40 | \$0.00 | \$39.78 | \$2.07 | \$3.11 | \$44.97 | \$59.53 | \$74.10 |
| Level 5 | 08/22/17 | 04/30/18 | \$27.94 | \$0.00 | \$8.00 | \$7.43 | \$0.44 | \$0.00 | \$43.81 | \$2.42 | \$3.63 | \$49.86 | \$66.85 | \$83.85 |
| Level 6 | 08/22/17 | 04/30/18 | \$31.93 | \$0.00 | \$8.00 | \$7.43 | \$0.48 | \$0.00 | \$47.84 | \$2.76 | \$4.15 | \$54.75 | \$74.17 | \$93.60 |
| Level 7 | 08/22/17 | 04/30/18 | \$35.92 | \$0.00 | \$8.00 | \$7.43 | \$0.52 | \$0.00 | \$51.87 | \$3.11 | \$4.67 | \$59.65 | \$81.50 | \$103.34 |
| BRICKLAYER: MASON FINISHER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Mason Finisher | 08/22/17 | 04/30/18 | \$27.94 | \$0.00 | \$8.00 | \$7.43 | \$0.75 | \$0.45 | \$44.57 | \$2.42 | \$3.63 | \$50.62 | \$67.61 | \$84.61 |
| APPRENTICE (Mason Finisher) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 04/30/18 | \$13.97 | \$0.00 | \$5.10 | \$1.00 | \$0.20 | \$0.00 | \$20.27 | \$1.21 | \$1.82 | \$23.29 | \$31.79 | \$40.29 |
| Level 2 | 08/22/17 | 04/30/18 | \$16.76 | \$0.00 | \$5.10 | \$1.00 | \$0.23 | \$0.00 | \$23.09 | \$1.45 | \$2.18 | \$26.72 | \$36.91 | \$47.11 |
| Level 3 | 08/22/17 | 04/30/18 | \$19.56 | \$0.00 | \$5.10 | \$1.00 | \$0.26 | \$0.00 | \$25.92 | \$1.69 | \$2.54 | \$30.15 | \$42.05 | \$53.95 |
| Level 4 | 08/22/17 | 04/30/18 | \$22.35 | \$0.00 | \$5.10 | \$1.00 | \$0.29 | \$0.00 | \$28.74 | \$1.93 | \$2.91 | \$33.58 | \$47.17 | \$60.77 |
| BRICK TENDER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Brick Tender | 08/22/17 | 06/30/18 | \$31.36 | \$4.10 | \$7.12 | \$7.53 | \$0.65 | \$0.44 | \$51.20 | \$3.07 | \$4.61 | \$58.88 | \$77.95 | \$97.03 |
| APPRENTICE (Bricktender) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$15.68 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$26.13 | \$1.60 | \$2.41 | \$30.15 | \$39.68 | \$49.22 |
| Level 2 | 08/22/17 | 06/30/18 | \$17.25 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$27.70 | \$1.74 | \$2.62 | \$32.06 | \$42.55 | \$53.04 |
| Level 3 | 08/22/17 | 06/30/18 | \$18.82 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$29.27 | \$1.88 | \$2.82 | \$33.97 | \$45.41 | \$56.86 |
| Level 4 | 08/22/17 | 06/30/18 | \$21.95 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$32.40 | \$2.15 | \$3.23 | \$37.77 | \$51.12 | \$64.48 |
| Level 5 | 08/22/17 | 06/30/18 | \$25.09 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$35.54 | \$2.42 | \$3.63 | \$41.59 | \$56.85 | \$72.12 |
| Level 6 | 08/22/17 | 06/30/18 | \$26.66 | \$2.87 | \$4.98 | \$1.51 | \$0.65 | \$0.44 | \$37.11 | \$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 | \$41.25 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$59.82 | \$4.05 | \$6.09 | \$69.96 | \$95.05 | \$120.14 |
| Scaffold Builder | 08/22/17 | 06/30/18 | \$32.45 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$51.02 | \$3.29 | \$4.95 | \$59.26 | \$79.00 | \$98.73 |
| Millwright | 08/22/17 | 06/30/18 | \$41.75 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$60.52 | \$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 | \$16.50 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$29.16 | \$1.83 | \$2.74 | \$33.73 | \$43.76 | \$53.80 |
| Level 2 | 08/22/17 | 06/30/18 | \$20.63 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$33.29 | \$2.18 | \$3.28 | \$38.75 | \$51.30 | \$63.85 |
| Level 3 | 08/22/17 | 06/30/18 | \$24.75 | \$5.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$38.41 | \$2.63 | \$3.95 | \$44.98 | \$60.03 | \$75.09 |
| Level 4 | 08/22/17 | 06/30/18 | \$26.81 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$45.38 | \$2.80 | \$4.21 | \$52.40 | \$68.70 | \$85.01 |
| Level 5 | 08/22/17 | 06/30/18 | \$28.88 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$47.45 | \$2.98 | \$4.48 | \$54.91 | \$72.48 | \$90.05 |
| Level 6 | 08/22/17 | 06/30/18 | \$30.94 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$49.51 | \$3.16 | \$4.75 | \$57.42 | \$76.24 | \$95.06 |
| Level 7 | 08/22/17 | 06/30/18 | \$33.00 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$51.57 | \$3.34 | \$5.02 | \$59.93 | \$80.00 | \$100.07 |
| Level 8 | 08/22/17 | 06/30/18 | \$37.13 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$55.70 | \$3.70 | \$5.55 | \$64.95 | \$87.54 | \$110.12 |
| APPRENTICE (Millwright) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$20.88 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.59 | \$33.74 | \$2.20 | \$3.31 | \$39.26 | \$51.96 | \$64.66 |
| Level 2 | 08/22/17 | 06/30/18 | \$22.96 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.59 | \$35.82 | \$2.38 | \$3.58 | \$41.79 | \$55.75 | \$69.72 |
| Level 3 | 08/22/17 | 06/30/18 | \$25.05 | \$5.60 | \$7.10 | \$0.00 | \$0.57 | \$0.59 | \$38.91 | \$2.65 | \$3.98 | \$45.55 | \$60.78 | \$76.02 |
| Level 4 | 08/22/17 | 06/30/18 | \$27.14 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$45.91 | \$2.83 | \$4.26 | \$53.00 | \$69.51 | \$86.01 |
| Level 5 | 08/22/17 | 06/30/18 | \$29.23 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$48.00 | \$3.01 | \$4.53 | \$55.54 | \$73.32 | \$91.10 |
| Level 6 | 08/22/17 | 06/30/18 | \$31.31 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$50.08 | \$3.19 | \$4.80 | \$58.07 | \$77.12 | \$96.16 |
| Level 7 | 08/22/17 | 06/30/18 | \$33.40 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$52.17 | \$3.37 | \$5.07 | \$60.61 | \$80.93 | \$101.24 |
| Level 8 | 08/22/17 | 06/30/18 | \$35.49 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$54.26 | \$3.55 | \$5.34 | \$63.16 | \$84.74 | \$106.33 |
| Level 9 | 08/22/17 | 06/30/18 | \$37.58 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$56.35 | \$3.74 | \$5.61 | \$65.70 | \$88.56 | \$111.41 |
| Level 10 | 08/22/17 | 06/30/18 | \$39.66 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.59 | \$58.43 | \$3.91 | \$5.88 | \$68.23 | \$92.35 | \$116.48 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 (Scaffold Builder) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$12.98 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$25.64 | \$1.52 | \$2.29 | \$29.45 | \$37.34 | \$45.24 |
| Level 2 | 08/22/17 | 06/30/18 | \$16.23 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$28.89 | \$1.80 | \$2.71 | \$33.40 | \$43.27 | \$53.14 |
| Level 3 | 08/22/17 | 06/30/18 | \$19.47 | \$5.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$33.13 | \$2.17 | \$3.26 | \$38.56 | \$50.40 | \$62.24 |
| Level 4 | 08/22/17 | 06/30/18 | \$21.09 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$39.66 | \$2.31 | \$3.47 | \$45.44 | \$58.27 | \$71.09 |
| Level 5 | 08/22/17 | 06/30/18 | \$22.72 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$41.29 | \$2.45 | \$3.68 | \$47.42 | \$61.24 | \$75.06 |
| Level 6 | 08/22/17 | 06/30/18 | \$24.34 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$42.91 | \$2.59 | \$3.89 | \$49.39 | \$64.20 | \$79.00 |
| Level 7 | 08/22/17 | 06/30/18 | \$25.96 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$44.53 | \$2.73 | \$4.10 | \$51.36 | \$67.15 | \$82.94 |
| Level 8 | 08/22/17 | 06/30/18 | \$29.21 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$47.78 | \$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 | \$32.35 | \$2.05 | \$5.33 | \$6.55 | \$0.63 | \$0.28 | \$47.19 | \$2.98 | \$4.47 | \$54.64 | \$74.31 | \$93.99 |
| Material Handler | 08/22/17 | 04/30/18 | \$10.50 | \$0.55 | \$5.33 | \$2.39 | \$0.63 | \$0.18 | \$19.58 | \$0.96 | \$1.44 | \$21.97 | \$28.36 | \$34.75 |
| APPRENTICE (Carpet, Linoleum & Resilient Flooring) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 04/30/18 | \$14.56 | \$0.88 | \$0.00 | \$1.69 | \$0.63 | \$0.28 | \$18.04 | \$1.34 | \$2.01 | \$21.38 | \$30.24 | \$39.10 |
| Level 2 | 08/22/17 | 04/30/18 | \$16.18 | \$1.22 | \$5.33 | \$2.23 | \$0.63 | \$0.28 | \$25.87 | \$1.51 | \$2.26 | \$29.64 | \$39.48 | \$49.32 |
| Level 3 | 08/22/17 | 04/30/18 | \$17.79 | \$1.36 | \$5.33 | \$2.47 | \$0.63 | \$0.28 | \$27.86 | \$1.66 | \$2.49 | \$32.01 | \$42.83 | \$53.65 |
| Level 4 | 08/22/17 | 04/30/18 | \$19.41 | \$1.48 | \$5.33 | \$2.70 | \$0.63 | \$0.28 | \$29.83 | \$1.81 | \$2.72 | \$34.35 | \$46.16 | \$57.96 |
| Level 5 | 08/22/17 | 04/30/18 | \$21.03 | \$1.72 | \$5.33 | \$3.16 | \$0.63 | \$0.28 | \$32.15 | \$1.97 | \$2.96 | \$37.08 | \$49.87 | \$62.66 |
| Level 6 | 08/22/17 | 04/30/18 | \$22.65 | \$1.96 | \$5.33 | \$3.63 | \$0.63 | \$0.28 | \$34.48 | \$2.13 | \$3.20 | \$39.81 | \$53.58 | \$67.36 |
| Level 7 | 08/22/17 | 04/30/18 | \$25.88 | \$2.20 | \$5.33 | \$4.10 | \$0.63 | \$0.28 | \$38.42 | \$2.43 | \$3.65 | \$44.50 | \$60.24 | \$75.98 |
| Level 8 | 08/22/17 | 04/30/18 | \$29.12 | \$2.38 | \$5.33 | \$4.58 | \$0.63 | \$0.28 | \$42.32 | \$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 | \$34.50 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$58.75 | \$3.56 | \$5.36 | \$67.67 | \$88.66 | \$109.64 |
| Floating and Troweling Machine Operator | 08/22/17 | 06/30/18 | \$34.62 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$58.87 | \$3.58 | \$5.37 | \$67.82 | \$88.88 | \$109.93 |
| | 08/22/17 | 06/30/18 | \$34.75 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$59.00 | \$3.59 | \$5.39 | \$67.98 | \$89.11 | \$110.25 |
| APPRENTICE (Cement Mason) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$17.25 | \$2.21 | \$7.77 | \$0.00 | \$0.64 | \$0.27 | \$28.14 | \$1.68 | \$2.53 | \$32.35 | \$42.85 | \$53.34 |
| Level 2 | 08/22/17 | 06/30/18 | \$18.98 | \$2.21 | \$7.77 | \$0.00 | \$0.64 | \$0.27 | \$29.87 | \$1.83 | \$2.75 | \$34.46 | \$46.00 | \$57.55 |
| Level 3 | 08/22/17 | 06/30/18 | \$20.70 | \$2.21 | \$7.77 | \$0.00 | \$0.64 | \$0.27 | \$31.59 | \$1.98 | \$2.98 | \$36.55 | \$49.14 | \$61.73 |
| Level 4 | 08/22/17 | 06/30/18 | \$22.43 | \$6.71 | \$7.77 | \$0.00 | \$0.64 | \$0.27 | \$37.82 | \$2.52 | \$3.79 | \$44.13 | \$57.77 | \$71.41 |
| Level 5 | 08/22/17 | 06/30/18 | \$24.15 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$48.40 | \$2.67 | \$4.01 | \$55.08 | \$69.77 | \$84.46 |
| Level 6 | 08/22/17 | 06/30/18 | \$25.88 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$50.13 | \$2.82 | \$4.24 | \$57.19 | \$72.93 | \$88.67 |
| Level 7 | 08/22/17 | 06/30/18 | \$27.60 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$51.85 | \$2.97 | \$4.46 | \$59.28 | \$76.07 | \$92.85 |
| Level 8 | 08/22/17 | 06/30/18 | \$31.05 | \$6.71 | \$7.77 | \$8.86 | \$0.64 | \$0.27 | \$55.30 | \$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 | \$46.42 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.46 | \$4.32 | \$6.50 | \$83.28 | \$111.51 | \$139.75 |
| Group 5 - Hydraulic Boom Truck | 08/22/17 | 06/30/18 | \$46.78 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.82 | \$4.35 | \$6.54 | \$83.72 | \$112.17 | \$140.62 |
| Group 6 - Bridge Crane/Creter Crane/Hoist Operator | 08/22/17 | 06/30/18 | \$46.89 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.93 | \$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 | \$47.01 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.05 | \$4.37 | \$6.57 | \$84.00 | \$112.59 | \$141.18 |
| Group 8 - Crane Operator (up to 25 tons) | 08/22/17 | 06/30/18 | \$47.18 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.22 | \$4.39 | \$6.59 | \$84.20 | \$112.90 | \$141.60 |
| Group 9 - Crane Operator (over 25 tons) | 08/22/17 | 06/30/18 | \$47.35 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.39 | \$4.40 | \$6.62 | \$84.41 | \$113.21 | \$142.01 |
| Group 10 - Crane Operator (over 50 tons) | 08/22/17 | 06/30/18 | \$48.35 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.39 | \$4.49 | \$6.75 | \$85.63 | \$115.04 | \$144.44 |
| Group 11 - Crane Operator (over 100 tons) | 08/22/17 | 06/30/18 | \$49.35 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$75.39 | \$4.58 | \$6.88 | \$86.84 | \$116.86 | \$146.88 |
| Group 12 - Crane Operator (over 200 tons) | 08/22/17 | 06/30/18 | \$50.35 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$76.39 | \$4.66 | \$7.01 | \$88.06 | \$118.68 | \$149.31 |
| Group 13 - Crane Operator (over 300 tons) | 08/22/17 | 06/30/18 | \$51.35 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$77.39 | \$4.75 | \$7.14 | \$89.28 | \$120.51 | \$151.74 |
| APPRENTICE (Pile Driver - Carpenter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$16.55 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$29.21 | \$1.83 | \$2.75 | \$33.79 | \$43.86 | \$53.92 |
| Level 2 | 08/22/17 | 06/30/18 | \$20.69 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$33.35 | \$2.19 | \$3.29 | \$38.83 | \$51.41 | \$63.99 |
| Level 3 | 08/22/17 | 06/30/18 | \$24.83 | \$5.60 | \$7.10 | \$0.00 | \$0.57 | \$0.39 | \$38.49 | \$2.63 | \$3.96 | \$45.08 | \$60.18 | \$75.28 |
| Level 4 | 08/22/17 | 06/30/18 | \$26.90 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$45.47 | \$2.81 | \$4.23 | \$52.51 | \$68.87 | \$85.23 |
| Level 5 | 08/22/17 | 06/30/18 | \$28.97 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$47.54 | \$2.99 | \$4.49 | \$55.02 | \$72.65 | \$90.27 |
| Level 6 | 08/22/17 | 06/30/18 | \$31.04 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$49.61 | \$3.17 | \$4.76 | \$57.54 | \$76.42 | \$95.30 |
| Level 7 | 08/22/17 | 06/30/18 | \$33.10 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$51.67 | \$3.35 | \$5.03 | \$60.05 | \$80.18 | \$100.31 |
| Level 8 | 08/22/17 | 06/30/18 | \$37.24 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.39 | \$55.81 | \$3.71 | \$5.57 | \$65.08 | \$87.74 | \$110.39 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| CRAFT | Issue Date | Expiration Date | BASE WAGE | | FRINGE BENEFITS | | | | D | E | F | G | OVERTIME | | | | |
|---|------------|-----------------|-----------------------|----------------------|--------------------|---------|----------|---------------------------------------|---------|--------|--------|---------|---|---|------------------------------------|---|--|
| | | | A | B | C | | | Total Base Hourly Wage Rate = (A+B+C) | | | | | Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B) | Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B) | Total Burdened Hourly Rate (D+E+F) | 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 |
| | | | Base Hourly Wage Rate | Vacation and Holiday | Health and Welfare | Pension | Training | | | | | | | | | | |
| DREDGER - OPERATING ENGINEER (JOURNEY LEVEL) | | | | | | | | | | | | | | | | | |
| Chief Engineer | 08/22/17 | 07/31/18 | \$55.50 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$81.60 | \$5.13 | \$7.72 | \$94.45 | \$128.21 | \$161.97 | | | |
| Leverman | 08/22/17 | 07/31/18 | \$53.55 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$79.65 | \$4.97 | \$7.46 | \$92.08 | \$124.65 | \$157.22 | | | |
| Watch Engineer | 08/22/17 | 07/31/18 | \$47.47 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$73.57 | \$4.44 | \$6.67 | \$84.68 | \$113.55 | \$142.43 | | | |
| Winchman (Stern Winch on Dredge) | 08/22/17 | 07/31/18 | \$46.92 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$73.02 | \$4.39 | \$6.60 | \$84.01 | \$112.55 | \$141.09 | | | |
| Dozer Operator | 08/22/17 | 07/31/18 | \$47.58 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$73.68 | \$4.45 | \$6.69 | \$84.81 | \$113.76 | \$142.70 | | | |
| Hydrographic Surveyor | 08/22/17 | 07/31/18 | \$49.01 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$75.11 | \$4.57 | \$6.87 | \$86.55 | \$116.36 | \$146.17 | | | |
| Welder | 08/22/17 | 07/31/18 | \$48.97 | \$3.85 | \$11.45 | \$9.65 | \$1.00 | \$0.15 | \$75.07 | \$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* | \$23.60 | \$0.45 | \$6.00 | \$3.44 | \$0.00 | \$0.00 | \$33.49 | \$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 | \$17.00 | \$0.33 | \$2.05 | \$0.09 | \$0.00 | \$0.00 | \$19.47 | \$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 | \$41.25 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$60.10 | \$4.05 | \$6.09 | \$70.24 | \$95.33 | \$120.42 | | | |
| Stocker, Scrapper | 08/22/17 | 06/30/18 | \$12.00 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.00 | \$24.27 | \$1.44 | \$2.16 | \$27.86 | \$35.16 | \$42.46 | | | |
| Apprentice (Drywall Installer/Lather, Carpenter) | | | | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$16.50 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.00 | \$28.77 | \$1.83 | \$2.74 | \$33.34 | \$43.37 | \$53.41 | | | |
| Level 2 | 08/22/17 | 06/30/18 | \$20.63 | \$4.60 | \$7.10 | \$0.00 | \$0.57 | \$0.00 | \$32.90 | \$2.18 | \$3.28 | \$38.36 | \$50.91 | \$63.46 | | | |
| Level 3 | 08/22/17 | 06/30/18 | \$24.75 | \$5.60 | \$7.10 | \$0.00 | \$0.57 | \$0.00 | \$38.02 | \$2.63 | \$3.95 | \$44.59 | \$59.64 | \$74.70 | | | |
| Level 4 | 08/22/17 | 06/30/18 | \$26.81 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$45.66 | \$2.80 | \$4.21 | \$52.68 | \$68.98 | \$85.29 | | | |
| Level 5 | 08/22/17 | 06/30/18 | \$28.88 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$47.73 | \$2.98 | \$4.48 | \$55.19 | \$72.76 | \$90.33 | | | |
| Level 6 | 08/22/17 | 06/30/18 | \$30.94 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$49.79 | \$3.16 | \$4.75 | \$57.70 | \$76.52 | \$95.34 | | | |
| Level 7 | 08/22/17 | 06/30/18 | \$33.00 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$51.85 | \$3.34 | \$5.02 | \$60.21 | \$80.28 | \$100.35 | | | |
| Level 8 | 08/22/17 | 06/30/18 | \$37.13 | \$5.60 | \$7.10 | \$4.91 | \$0.57 | \$0.67 | \$55.98 | \$3.70 | \$5.55 | \$65.23 | \$87.82 | \$110.40 | | | |
| DRYWALL FINISHER (JOURNEY LEVEL) | | | | | | | | | | | | | | | | | |
| Drywall Finisher | 02/22/17 | 09/30/17 | \$37.18 | \$3.07 | \$8.05 | \$6.13 | \$0.67 | \$0.57 | \$55.67 | \$3.48 | \$5.23 | \$64.38 | \$87.00 | \$109.61 | | | |
| APPRENTICE (Drywall Finisher) | | | | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 09/30/17 | \$16.18 | \$0.55 | \$8.05 | \$0.00 | \$0.67 | \$0.57 | \$26.02 | \$1.45 | \$2.17 | \$29.64 | \$39.48 | \$49.33 | | | |
| Level 2 | 02/22/17 | 09/30/17 | \$17.55 | \$1.05 | \$8.05 | \$1.56 | \$0.67 | \$0.57 | \$29.45 | \$1.61 | \$2.42 | \$33.48 | \$44.15 | \$54.83 | | | |
| Level 3 | 02/22/17 | 09/30/17 | \$19.40 | \$1.05 | \$8.05 | \$1.56 | \$0.67 | \$0.57 | \$31.30 | \$1.77 | \$2.66 | \$35.73 | \$47.53 | \$59.33 | | | |
| Level 4 | 02/22/17 | 09/30/17 | \$21.26 | \$1.05 | \$8.05 | \$2.56 | \$0.67 | \$0.57 | \$34.16 | \$1.93 | \$2.90 | \$38.99 | \$51.92 | \$64.85 | | | |
| Level 5 | 02/22/17 | 09/30/17 | \$24.14 | \$2.05 | \$8.05 | \$3.78 | \$0.67 | \$0.57 | \$39.26 | \$2.27 | \$3.40 | \$44.93 | \$59.61 | \$74.30 | | | |
| Level 6 | 02/22/17 | 09/30/17 | \$29.72 | \$2.05 | \$8.05 | \$3.78 | \$0.67 | \$0.57 | \$44.84 | \$2.75 | \$4.13 | \$51.72 | \$69.80 | \$87.87 | | | |
| ELECTRICIAN (JOURNEY LEVEL) | | | | | | | | | | | | | | | | | |
| Communication & Systems Installer** | 02/22/17 | 12/31/17 | \$32.43 | \$0.00 | \$8.31 | \$4.37 | \$0.65 | \$0.25 | \$46.98 | \$2.81 | \$4.22 | \$54.00 | \$73.73 | \$93.46 | | | |
| Inside Wireman, Radio Monitor Technician** | 08/22/17 | 01/28/18 | \$42.85 | \$0.00 | \$12.29 | \$14.37 | \$0.71 | \$0.50 | \$72.01 | \$3.71 | \$5.57 | \$81.28 | \$107.35 | \$133.41 | | | |
| Cable splicer-Welder** | 08/22/17 | 01/28/18 | \$44.99 | \$0.00 | \$12.29 | \$14.37 | \$0.71 | \$0.50 | \$74.21 | \$3.89 | \$5.85 | \$83.95 | \$111.32 | \$138.68 | | | |
| Tunnel Wireman** | 08/22/17 | 01/28/18 | \$47.14 | \$0.00 | \$12.29 | \$14.37 | \$0.71 | \$0.50 | \$76.42 | \$4.08 | \$6.13 | \$86.63 | \$115.30 | \$143.98 | | | |
| Tunnel Cable Splicer** | 08/22/17 | 01/28/18 | \$49.50 | \$0.00 | \$12.29 | \$14.37 | \$0.71 | \$0.50 | \$78.86 | \$4.28 | \$6.44 | \$77.37 | \$107.48 | \$137.59 | | | |
| APPRENTICE (Communication & Systems Installer) | | | | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 12/31/17 | \$14.59 | \$0.00 | \$4.58 | \$0.44 | \$0.30 | \$0.16 | \$20.07 | \$1.26 | \$1.90 | \$23.23 | \$32.10 | \$40.98 | | | |
| Level 2 | 02/22/17 | 12/31/17 | \$16.22 | \$0.00 | \$4.58 | \$0.49 | \$0.30 | \$0.16 | \$21.75 | \$1.40 | \$2.11 | \$25.26 | \$35.13 | \$44.99 | | | |
| Level 3 | 02/22/17 | 12/31/17 | \$17.84 | \$0.00 | \$8.31 | \$2.94 | \$0.30 | \$0.16 | \$29.55 | \$1.54 | \$2.32 | \$33.41 | \$44.26 | \$55.11 | | | |
| Level 4 | 02/22/17 | 12/31/17 | \$19.46 | \$0.00 | \$8.31 | \$3.20 | \$0.30 | \$0.16 | \$31.43 | \$1.68 | \$2.53 | \$35.64 | \$47.48 | \$59.32 | | | |
| Level 5 | 02/22/17 | 12/31/17 | \$21.08 | \$0.00 | \$8.31 | \$3.47 | \$0.30 | \$0.16 | \$33.32 | \$1.82 | \$2.74 | \$37.88 | \$50.71 | \$63.53 | | | |
| Level 6 | 02/22/17 | 12/31/17 | \$25.94 | \$0.00 | \$8.31 | \$4.28 | \$0.30 | \$0.16 | \$38.99 | \$2.24 | \$3.37 | \$44.61 | \$60.38 | \$76.16 | | | |
| APPRENTICE (Electrician, Inside Wireman) | | | | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 01/28/18 | \$17.14 | \$0.00 | \$11.29 | \$0.51 | \$0.76 | \$0.50 | \$30.20 | \$1.48 | \$2.23 | \$33.91 | \$44.34 | \$54.76 | | | |
| Level 2 | 08/22/17 | 01/28/18 | \$19.28 | \$0.00 | \$11.29 | \$0.58 | \$0.76 | \$0.50 | \$32.41 | \$1.67 | \$2.51 | \$36.58 | \$48.31 | \$60.04 | | | |
| Level 3 | 08/22/17 | 01/28/18 | \$21.43 | \$0.00 | \$12.29 | \$0.83 | \$0.76 | \$0.50 | \$42.81 | \$1.85 | \$2.79 | \$47.45 | \$60.48 | \$73.52 | | | |
| Level 4 | 08/22/17 | 01/28/18 | \$23.57 | \$0.00 | \$12.29 | \$0.81 | \$0.76 | \$0.50 | \$45.73 | \$2.04 | \$3.06 | \$50.83 | \$65.17 | \$79.51 | | | |
| Level 5 | 08/22/17 | 01/28/18 | \$25.71 | \$0.00 | \$12.29 | \$0.99 | \$0.76 | \$0.50 | \$48.65 | \$2.22 | \$3.34 | \$54.22 | \$69.85 | \$85.49 | | | |
| Level 6 | 08/22/17 | 01/28/18 | \$27.85 | \$0.00 | \$12.29 | \$1.18 | \$0.76 | \$0.50 | \$51.58 | \$2.41 | \$3.62 | \$57.61 | \$74.55 | \$91.49 | | | |
| Level 7 | 08/22/17 | 01/28/18 | \$30.00 | \$0.00 | \$12.29 | \$1.06 | \$0.76 | \$0.50 | \$54.51 | \$2.60 | \$3.90 | \$61.01 | \$79.25 | \$97.50 | | | |
| Level 8 | 08/22/17 | 01/28/18 | \$32.14 | \$0.00 | \$12.29 | \$1.74 | \$0.76 | \$0.50 | \$57.43 | \$2.78 | \$4.18 | \$64.39 | \$83.94 | \$103.49 | | | |
| Level 9 | 08/22/17 | 01/28/18 | \$34.28 | \$0.00 | \$12.29 | \$2.53 | \$0.76 | \$0.50 | \$60.36 | \$2.97 | \$4.46 | \$67.78 | \$88.63 | \$109.48 | | | |
| Level 10 | 08/22/17 | 01/28/18 | \$36.42 | \$0.00 | \$12.29 | \$3.30 | \$0.76 | \$0.50 | \$63.27 | \$3.15 | \$4.73 | \$71.15 | \$93.31 | \$115.46 | | | |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| CRAFT | Issue Date | Expiration Date | BASE WAGE | | FRINGE BENEFITS | | | | | PAYROLL TAXES | INSURANCE | STRAIGHT TIME | OVERTIME | |
|--|------------|-----------------|-----------------------|----------------------|--------------------|---------|----------|---------------|---------------------------------------|---|---|------------------------------------|---|--|
| | | | A | B | C | | | D | E | F | G | H | I | |
| | | | Base Hourly Wage Rate | Vacation and Holiday | Health and Welfare | Pension | Training | Other Payment | Total Base Hourly Wage Rate = (A+B+C) | Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B) | Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B) | Total Burdened Hourly Rate (D+E+F) | 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 |
| ELEVATOR CONSTRUCTOR (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Mechanic | 02/22/17 | 07/08/17 | \$52.21 | \$4.74 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$88.84 | \$4.93 | \$7.40 | \$101.16 | \$132.92 | \$164.68 |
| Helper | 02/22/17 | 07/08/17 | \$36.55 | \$3.32 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$71.76 | \$3.45 | \$5.18 | \$80.39 | \$102.62 | \$124.85 |
| APPRENTICE (Elevator Constructor) | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 07/08/17 | \$26.11 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$26.11 | \$2.26 | \$3.39 | \$31.76 | \$47.64 | \$63.51 |
| Level 2 | 02/22/17 | 07/08/17 | \$28.72 | \$2.60 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$63.21 | \$2.71 | \$4.07 | \$69.99 | \$87.45 | \$104.92 |
| Level 3 | 02/22/17 | 07/08/17 | \$33.94 | \$3.08 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$68.91 | \$3.20 | \$4.81 | \$76.92 | \$97.56 | \$118.21 |
| Level 4 | 02/22/17 | 07/08/17 | \$36.55 | \$3.31 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$71.75 | \$3.45 | \$5.18 | \$80.37 | \$102.61 | \$124.84 |
| Level 5 | 02/22/17 | 07/08/17 | \$41.77 | \$3.80 | \$15.28 | \$15.71 | \$0.60 | \$0.30 | \$77.46 | \$3.94 | \$5.92 | \$87.32 | \$112.73 | \$138.13 |
| FENCE BUILDER - CARPENTER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Fence Builder | 08/22/17 | 06/30/18 | \$37.29 | \$5.00 | \$7.10 | \$4.66 | \$0.57 | \$0.21 | \$54.83 | \$3.66 | \$5.50 | \$63.99 | \$86.67 | \$109.35 |
| FIELD SURVEYOR (JOURNEY LEVEL) (10/1/15) | | | | | | | | | | | | | | |
| Chief of Party | 08/22/17 | 09/30/17 | \$46.71 | \$4.52 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$73.53 | \$4.43 | \$6.66 | \$84.62 | \$113.03 | \$141.44 |
| Instrumentman | 08/22/17 | 09/30/17 | \$44.21 | \$4.35 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$70.86 | \$4.20 | \$6.31 | \$81.37 | \$108.26 | \$135.15 |
| Chainman/Rodman | 08/22/17 | 09/30/17 | \$43.63 | \$4.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$70.23 | \$4.15 | \$6.23 | \$80.61 | \$107.14 | \$133.68 |
| APPRENTICE (Chainman/Rodman) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 09/30/17 | \$18.32 | \$3.30 | \$11.45 | \$0.00 | \$1.05 | \$0.15 | \$34.27 | \$1.87 | \$2.81 | \$38.95 | \$50.09 | \$61.24 |
| Level 2 | 08/22/17 | 09/30/17 | \$21.38 | \$3.30 | \$11.45 | \$0.00 | \$1.05 | \$0.15 | \$37.33 | \$2.13 | \$3.21 | \$42.67 | \$55.68 | \$68.68 |
| Level 3 | 08/22/17 | 09/30/17 | \$24.43 | \$3.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$50.03 | \$2.40 | \$3.60 | \$56.03 | \$70.89 | \$85.75 |
| Level 4 | 08/22/17 | 09/30/17 | \$27.49 | \$3.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$53.09 | \$2.66 | \$4.00 | \$59.76 | \$76.48 | \$93.20 |
| Level 5 | 08/22/17 | 09/30/17 | \$30.10 | \$3.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$55.70 | \$2.89 | \$4.34 | \$62.93 | \$81.24 | \$99.55 |
| Level 6 | 08/22/17 | 09/30/17 | \$32.72 | \$3.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$58.32 | \$3.12 | \$4.68 | \$65.12 | \$86.02 | \$105.92 |
| Level 7 | 08/22/17 | 09/30/17 | \$34.90 | \$3.30 | \$11.45 | \$9.65 | \$1.05 | \$0.15 | \$60.50 | \$3.30 | \$4.97 | \$68.77 | \$90.00 | \$111.23 |
| FIRE SAFETY AND MISCELLANEOUS SEALING | | | | | | | | | | | | | | |
| Asbestos Worker - Fire Safety Technician | | | | | | | | | | | | | | |
| Class I (0-2000 hrs) | 08/22/17 | 06/30/18 | \$17.22 | \$0.90 | \$8.27 | \$0.00 | \$0.00 | \$0.05 | \$26.44 | \$1.57 | \$2.36 | \$30.36 | \$40.84 | \$51.31 |
| Class II (2001-4000 hrs) | 08/22/17 | 06/30/18 | \$22.00 | \$1.26 | \$8.27 | \$0.00 | \$0.00 | \$0.05 | \$31.58 | \$2.01 | \$3.02 | \$36.62 | \$50.00 | \$63.38 |
| Class III (4001-6000 hrs) | 08/22/17 | 06/30/18 | \$23.21 | \$1.33 | \$8.27 | \$8.01 | \$0.00 | \$0.05 | \$40.87 | \$2.12 | \$3.19 | \$46.18 | \$60.30 | \$74.42 |
| Class IV (6001 or more hrs) | 08/22/17 | 06/30/18 | \$26.96 | \$1.53 | \$8.27 | \$8.01 | \$0.00 | \$0.05 | \$44.82 | \$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 | \$18.00 | \$0.00 | \$7.45 | \$0.00 | \$0.10 | \$0.90 | \$26.45 | \$1.56 | \$2.34 | \$30.35 | \$41.30 | \$52.24 |
| Class II (2001-4000 hrs) | 08/22/17 | 06/30/18 | \$21.92 | \$1.22 | \$7.45 | \$0.00 | \$0.10 | \$0.90 | \$31.59 | \$2.00 | \$3.01 | \$36.60 | \$49.93 | \$63.27 |
| Class III (4001-6000 hrs) | 08/22/17 | 06/30/18 | \$24.62 | \$1.72 | \$7.45 | \$5.62 | \$0.10 | \$0.90 | \$40.41 | \$2.28 | \$3.42 | \$46.11 | \$61.09 | \$76.06 |
| Class IV (6001 or more hrs) | 08/22/17 | 06/30/18 | \$27.55 | \$2.72 | \$7.45 | \$5.62 | \$0.10 | \$0.90 | \$44.34 | \$2.62 | \$3.94 | \$50.89 | \$67.65 | \$84.41 |
| GLAZIER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Glazier | 08/22/17 | 05/31/18 | \$42.95 | \$0.00 | \$7.25 | \$14.21 | \$0.77 | \$0.63 | \$65.81 | \$3.72 | \$5.58 | \$75.11 | \$101.23 | \$127.36 |
| APPRENTICE (Glazier) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 05/31/18 | \$17.21 | \$0.00 | \$7.25 | \$4.53 | \$0.77 | \$0.63 | \$30.39 | \$1.49 | \$2.24 | \$34.12 | \$44.58 | \$55.05 |
| Level 2 | 08/22/17 | 05/31/18 | \$19.36 | \$0.00 | \$7.25 | \$5.33 | \$0.77 | \$0.63 | \$33.34 | \$1.67 | \$2.52 | \$37.53 | \$49.31 | \$61.08 |
| Level 3 | 08/22/17 | 05/31/18 | \$21.50 | \$0.00 | \$7.25 | \$6.04 | \$0.77 | \$0.63 | \$36.19 | \$1.86 | \$2.80 | \$40.84 | \$53.92 | \$67.00 |
| Level 4 | 08/22/17 | 05/31/18 | \$25.79 | \$0.00 | \$7.25 | \$7.37 | \$0.77 | \$0.63 | \$41.81 | \$2.23 | \$3.35 | \$47.39 | \$63.08 | \$78.77 |
| Level 5 | 08/22/17 | 05/31/18 | \$27.94 | \$0.00 | \$7.25 | \$8.33 | \$0.77 | \$0.63 | \$44.92 | \$2.42 | \$3.63 | \$50.97 | \$67.96 | \$84.96 |
| Level 6 | 08/22/17 | 05/31/18 | \$32.23 | \$0.00 | \$7.25 | \$9.82 | \$0.77 | \$0.63 | \$50.70 | \$2.79 | \$4.19 | \$57.68 | \$77.28 | \$96.89 |
| Level 7 | 08/22/17 | 05/31/18 | \$36.52 | \$0.00 | \$7.25 | \$11.33 | \$0.77 | \$0.63 | \$56.50 | \$3.16 | \$4.75 | \$64.41 | \$86.62 | \$108.83 |
| Level 8 | 08/22/17 | 05/31/18 | \$38.66 | \$0.00 | \$7.25 | \$12.26 | \$0.77 | \$0.63 | \$59.57 | \$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 | \$41.08 | \$5.10 | \$7.12 | \$7.00 | \$0.00 | \$0.09 | \$60.39 | \$3.99 | \$6.00 | \$70.39 | \$95.37 | \$120.36 |
| Gunman | 08/22/17 | 06/30/19 | \$40.13 | \$5.10 | \$7.12 | \$7.00 | \$0.00 | \$0.09 | \$59.44 | \$3.91 | \$5.88 | \$69.23 | \$93.64 | \$118.05 |
| Reboundman | 08/22/17 | 06/30/19 | \$36.59 | \$5.10 | \$7.12 | \$7.00 | \$0.00 | \$0.09 | \$55.90 | \$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 | \$26.20 | \$5.10 | \$4.20 | \$6.11 | \$0.00 | \$0.06 | \$41.67 | \$2.71 | \$4.07 | \$48.45 | \$64.38 | \$80.32 |
| Step II (1001-2000 hrs) | 08/22/17 | 06/30/19 | \$28.20 | \$5.10 | \$4.20 | \$6.11 | \$0.00 | \$0.06 | \$43.67 | \$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 | \$34.65 | \$3.12 | \$7.12 | \$3.88 | \$0.40 | \$0.98 | \$50.15 | \$3.27 | \$4.91 | \$58.33 | \$79.40 | \$100.48 |
| Group II - Vehicle Operator/Hauler | 08/22/17 | 06/30/18 | \$34.82 | \$3.12 | \$7.12 | \$3.88 | \$0.40 | \$0.98 | \$50.32 | \$3.28 | \$4.93 | \$58.53 | \$79.71 | \$100.89 |
| Group III - Horizontal Directional Drill Operator | 08/22/17 | 06/30/18 | \$36.67 | \$3.12 | \$7.12 | \$3.88 | \$0.40 | \$0.98 | \$52.17 | \$3.44 | \$5.17 | \$60.78 | \$83.09 | \$105.39 |
| Group IV - Electronic Tracking Locator | 08/22/17 | 06/30/18 | \$38.67 | \$3.12 | \$7.12 | \$3.88 | \$0.40 | \$0.98 | \$54.17 | \$3.61 | \$5.43 | \$63.22 | \$86.74 | \$110.26 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| CRAFT | Issue Date | Expiration Date | BASE WAGE | | FRINGE BENEFITS | | | | | PAYROLL TAXES | INSURANCE | STRAIGHT TIME | OVERTIME | |
|---|------------|-----------------|-----------------------|----------------------|--------------------|---------|----------|---------------|---------------------------------------|---|---|------------------------------------|---|--|
| | | | A | B | C | | | D | E | F | G | H | I | |
| | | | Base Hourly Wage Rate | Vacation and Holiday | Health and Welfare | Pension | Training | Other Payment | Total Base Hourly Wage Rate = (A+B+C) | Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B) | Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B) | Total Burdened Hourly Rate (D+E+F) | 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 |
| APPRENTICE (Horizontal Directional Drilling - Laborer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$18.10 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$29.10 | \$1.84 | \$2.77 | \$33.71 | \$44.72 | \$55.73 |
| Level 2 | 08/22/17 | 06/30/18 | \$19.90 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$30.90 | \$2.00 | \$3.00 | \$35.90 | \$48.01 | \$60.11 |
| Level 3 | 08/22/17 | 06/30/18 | \$21.71 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$32.71 | \$2.16 | \$3.24 | \$38.11 | \$51.31 | \$64.52 |
| Level 4 | 08/22/17 | 06/30/18 | \$25.33 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$36.33 | \$2.47 | \$3.71 | \$42.51 | \$57.92 | \$73.32 |
| Level 5 | 08/22/17 | 06/30/18 | \$28.95 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$39.95 | \$2.78 | \$4.18 | \$46.91 | \$64.52 | \$82.13 |
| Level 6 | 08/22/17 | 06/30/18 | \$30.76 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$41.76 | \$2.94 | \$4.42 | \$49.11 | \$67.82 | \$86.53 |
| IRON WORKER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Iron Worker - Ornamental, Reinforcing, Structural | 02/22/17 | 06/30/17 | \$36.00 | \$4.00 | \$9.55 | \$13.32 | \$0.72 | \$2.87 | \$66.46 | \$3.46 | \$5.20 | \$75.12 | \$97.01 | \$118.91 |
| Fence Erector | 02/22/17 | 06/30/17 | \$29.58 | \$2.70 | \$7.38 | \$8.99 | \$0.51 | \$1.91 | \$51.07 | \$2.79 | \$4.20 | \$58.05 | \$76.05 | \$94.04 |
| APPRENTICE (Iron Worker) | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 06/30/17 | \$18.00 | \$4.00 | \$5.50 | \$0.00 | \$0.72 | \$0.29 | \$28.51 | \$1.90 | \$2.86 | \$33.27 | \$44.22 | \$55.17 |
| Level 2 | 02/22/17 | 06/30/17 | \$19.80 | \$4.00 | \$5.55 | \$0.00 | \$0.72 | \$0.66 | \$34.73 | \$2.06 | \$3.09 | \$39.88 | \$51.92 | \$63.96 |
| Level 3 | 02/22/17 | 06/30/17 | \$21.60 | \$4.00 | \$5.55 | \$3.33 | \$0.72 | \$0.66 | \$39.86 | \$2.21 | \$3.33 | \$45.40 | \$58.54 | \$71.67 |
| Level 4 | 02/22/17 | 06/30/17 | \$23.40 | \$4.00 | \$5.55 | \$3.33 | \$0.72 | \$1.77 | \$42.77 | \$2.37 | \$3.56 | \$48.70 | \$62.93 | \$77.16 |
| Level 5 | 02/22/17 | 06/30/17 | \$27.00 | \$4.00 | \$5.55 | \$6.66 | \$0.72 | \$1.77 | \$49.70 | \$2.68 | \$4.03 | \$56.41 | \$72.83 | \$89.25 |
| Level 6 | 02/22/17 | 06/30/17 | \$28.80 | \$4.00 | \$5.55 | \$6.66 | \$0.72 | \$1.77 | \$51.50 | \$2.84 | \$4.26 | \$58.60 | \$76.11 | \$93.63 |
| Level 7 | 02/22/17 | 06/30/17 | \$32.40 | \$4.00 | \$5.55 | \$9.99 | \$0.72 | \$2.87 | \$59.53 | \$3.15 | \$4.73 | \$67.41 | \$87.11 | \$106.82 |
| Level 8 | 02/22/17 | 06/30/17 | \$34.20 | \$4.00 | \$5.55 | \$9.99 | \$0.72 | \$2.87 | \$61.33 | \$3.30 | \$4.97 | \$69.60 | \$90.40 | \$111.20 |
| APPRENTICE (Fence Erector) | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 06/30/17 | \$14.79 | \$2.70 | \$5.50 | \$0.00 | \$0.51 | \$0.21 | \$23.71 | \$1.51 | \$2.27 | \$27.49 | \$36.49 | \$45.48 |
| Level 2 | 02/22/17 | 06/30/17 | \$16.27 | \$2.70 | \$5.50 | \$0.00 | \$0.51 | \$0.25 | \$27.11 | \$1.64 | \$2.47 | \$31.21 | \$41.11 | \$51.00 |
| Level 3 | 02/22/17 | 06/30/17 | \$17.75 | \$2.70 | \$5.50 | \$2.25 | \$0.51 | \$0.25 | \$30.84 | \$1.77 | \$2.66 | \$35.26 | \$46.06 | \$56.86 |
| Level 4 | 02/22/17 | 06/30/17 | \$19.23 | \$2.70 | \$5.50 | \$2.25 | \$0.51 | \$1.08 | \$33.15 | \$1.90 | \$2.85 | \$37.89 | \$49.59 | \$61.29 |
| Level 5 | 02/22/17 | 06/30/17 | \$22.19 | \$2.70 | \$5.50 | \$4.50 | \$0.51 | \$1.08 | \$38.36 | \$2.15 | \$3.24 | \$43.74 | \$57.24 | \$70.74 |
| Level 6 | 02/22/17 | 06/30/17 | \$23.66 | \$2.70 | \$5.50 | \$4.50 | \$0.51 | \$1.08 | \$39.83 | \$2.28 | \$3.43 | \$45.53 | \$59.92 | \$74.31 |
| Level 7 | 02/22/17 | 06/30/17 | \$26.62 | \$2.70 | \$5.50 | \$6.74 | \$0.51 | \$1.91 | \$45.86 | \$2.54 | \$3.81 | \$52.20 | \$68.39 | \$84.59 |
| Level 8 | 02/22/17 | 06/30/17 | \$28.10 | \$2.70 | \$5.50 | \$6.74 | \$0.51 | \$1.91 | \$47.34 | \$2.66 | \$4.00 | \$54.00 | \$71.10 | \$88.19 |
| 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 | \$33.19 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$53.73 | \$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 | \$33.74 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$54.28 | \$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 | \$34.29 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$54.83 | \$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 | \$35.84 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$56.38 | \$3.50 | \$5.26 | \$65.13 | \$86.93 | \$108.73 |
| Group 5 - Driller, Toxic Waste Removal, Welding | 08/22/17 | 07/31/18 | \$36.19 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$56.73 | \$3.53 | \$5.30 | \$65.56 | \$87.57 | \$109.58 |
| APPRENTICE (Laborer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 07/31/18 | \$18.10 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$29.10 | \$1.84 | \$2.77 | \$33.71 | \$44.72 | \$55.73 |
| Level 2 | 08/22/17 | 07/31/18 | \$19.90 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$30.90 | \$2.00 | \$3.00 | \$35.90 | \$48.01 | \$60.11 |
| Level 3 | 08/22/17 | 07/31/18 | \$21.71 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$32.71 | \$2.16 | \$3.24 | \$38.11 | \$51.31 | \$64.52 |
| Level 4 | 08/22/17 | 07/31/18 | \$25.33 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$36.33 | \$2.47 | \$3.71 | \$42.51 | \$57.92 | \$73.32 |
| Level 5 | 08/22/17 | 07/31/18 | \$28.95 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$39.95 | \$2.78 | \$4.18 | \$46.91 | \$64.52 | \$82.13 |
| Level 6 | 08/22/17 | 07/31/18 | \$30.76 | \$3.21 | \$4.98 | \$1.51 | \$0.69 | \$0.61 | \$41.76 | \$2.94 | \$4.42 | \$49.11 | \$67.82 | \$86.53 |
| LANDSCAPE/IRRIGATION LABORER/TENDER | | | | | | | | | | | | | | |
| Landscape/Irrigation Laborer | 08/22/17 | 07/31/18 | \$31.38 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.48 | \$51.79 | \$3.11 | \$4.68 | \$59.58 | \$78.66 | \$97.75 |
| Landscape Hydro Seeder | 08/22/17 | 07/31/18 | \$32.48 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.48 | \$52.89 | \$3.21 | \$4.82 | \$60.92 | \$80.67 | \$100.43 |
| Landscape Irrigation Tender | 08/22/17 | 07/31/18 | \$14.21 | \$1.27 | \$2.25 | \$1.00 | \$0.00 | \$0.21 | \$18.94 | \$1.34 | \$2.01 | \$22.29 | \$30.93 | \$39.58 |
| APPRENTICE (Landscape/Irrigation Fitter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 08/31/18 | \$14.80 | \$1.52 | \$8.16 | \$0.38 | \$1.04 | \$1.05 | \$26.95 | \$1.41 | \$2.12 | \$30.48 | \$39.49 | \$48.49 |
| Level 2 | 08/22/17 | 08/31/18 | \$17.75 | \$1.75 | \$8.16 | \$0.38 | \$1.11 | \$1.05 | \$30.20 | \$1.69 | \$2.54 | \$34.42 | \$45.22 | \$56.01 |
| Level 3 | 08/22/17 | 08/31/18 | \$20.71 | \$1.98 | \$8.16 | \$0.71 | \$1.12 | \$1.05 | \$40.19 | \$1.96 | \$2.95 | \$45.10 | \$57.70 | \$70.30 |
| Level 4 | 08/22/17 | 08/31/18 | \$23.67 | \$2.22 | \$8.16 | \$0.71 | \$1.17 | \$1.05 | \$43.44 | \$2.24 | \$3.37 | \$49.05 | \$63.44 | \$77.84 |
| Level 5 | 08/22/17 | 08/31/18 | \$26.63 | \$2.46 | \$8.16 | \$0.99 | \$1.20 | \$1.05 | \$47.49 | \$2.52 | \$3.78 | \$53.79 | \$69.99 | \$86.18 |
| LANDSCAPE MAINTENANCE LABORER | | | | | | | | | | | | | | |
| Landscape Maintenance Laborer | 02/22/17 | 03/31/2017* | \$10.50 | \$0.12 | \$0.89 | \$0.00 | \$0.00 | \$0.14 | \$11.65 | \$0.92 | \$1.38 | \$13.94 | \$20.33 | \$26.72 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 Base Hourly Wage Rate | B Vacation and Holiday | C | | | | | | | | | |
| | | | | | Health and Welfare | Pension | Training | Other Payment | | | | | | |
| LANDSCAPE OPERATING ENGINEER | | | | | | | | | | | | | | |
| Backhoe Operator, Forklifts, Roller Operator, Earthmoving Equipment Skiploader Operator, Trencher-31 hp and up | 02/22/17 | 10/31/17 | \$34.96 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$60.61 | \$3.32 | \$4.99 | \$68.93 | \$90.19 | \$111.45 |
| APPRENTICE (Landscape - Operating Engineer) | | | | | | | | | | | | | | |
| Level 1 | 02/22/17 | 10/31/17 | \$20.98 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$46.63 | \$2.11 | \$3.18 | \$51.92 | \$64.68 | \$77.44 |
| Level 2 | 02/22/17 | 10/31/17 | \$22.72 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$48.37 | \$2.26 | \$3.40 | \$54.04 | \$67.86 | \$81.67 |
| Level 3 | 02/22/17 | 10/31/17 | \$24.47 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$50.12 | \$2.42 | \$3.63 | \$56.16 | \$71.05 | \$85.93 |
| Level 4 | 02/22/17 | 10/31/17 | \$26.22 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$51.87 | \$2.57 | \$3.86 | \$58.29 | \$74.24 | \$90.19 |
| Level 5 | 02/22/17 | 10/31/17 | \$27.97 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$53.62 | \$2.72 | \$4.08 | \$60.42 | \$77.44 | \$94.45 |
| Level 6 | 02/22/17 | 10/31/17 | \$31.46 | \$3.45 | \$11.45 | \$9.65 | \$0.95 | \$0.15 | \$57.11 | \$3.02 | \$4.54 | \$64.67 | \$83.80 | \$102.94 |
| METAL ROOFING SYSTEM INSTALLER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Metal Roofing System Installer | 08/22/17 | 06/30/18 | \$42.78 | \$0.00 | \$10.37 | \$16.79 | \$0.82 | \$0.65 | \$71.41 | \$3.70 | \$5.56 | \$80.67 | \$106.69 | \$132.71 |
| MODULAR FURNITURE INSTALLER - CARPENTER | | | | | | | | | | | | | | |
| Installer | 02/22/13 | 6/30/13* | \$17.00 | \$1.85 | \$4.70 | \$1.86 | \$0.00 | \$0.00 | \$25.41 | \$1.63 | \$2.45 | \$29.49 | \$39.83 | \$50.17 |
| Lead Installer | 02/22/13 | 6/30/13* | \$19.00 | \$1.85 | \$4.70 | \$1.86 | \$0.00 | \$0.00 | \$27.41 | \$1.80 | \$2.71 | \$31.92 | \$43.48 | \$55.04 |
| APPRENTICE (Modular Furniture Installer - Carpenter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/13 | 9/30/13* | \$12.41 | \$1.85 | \$4.70 | \$0.00 | \$0.00 | \$0.00 | \$18.96 | \$1.23 | \$1.85 | \$22.05 | \$29.60 | \$37.14 |
| Level 2 | 08/22/13 | 9/30/13* | \$12.92 | \$1.85 | \$4.70 | \$0.00 | \$0.00 | \$0.00 | \$19.47 | \$1.28 | \$1.92 | \$22.67 | \$30.53 | \$38.38 |
| Level 3 | 08/22/13 | 9/30/13* | \$13.60 | \$1.85 | \$4.70 | \$0.00 | \$0.00 | \$0.00 | \$20.15 | \$1.34 | \$2.01 | \$23.49 | \$31.77 | \$40.04 |
| Level 4 | 08/22/13 | 9/30/13* | \$14.28 | \$1.85 | \$4.70 | \$0.00 | \$0.00 | \$0.00 | \$20.83 | \$1.40 | \$2.10 | \$24.32 | \$33.01 | \$41.69 |
| Level 5 | 08/22/13 | 9/30/13* | \$14.79 | \$1.85 | \$4.70 | \$1.86 | \$0.00 | \$0.00 | \$23.20 | \$1.44 | \$2.16 | \$26.80 | \$35.80 | \$44.79 |
| Level 6 | 08/22/13 | 9/30/13* | \$15.64 | \$1.85 | \$4.70 | \$1.86 | \$0.00 | \$0.00 | \$24.05 | \$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 | \$44.00 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$70.04 | \$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 | \$44.78 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$70.82 | \$4.18 | \$6.28 | \$81.28 | \$108.52 | \$135.76 |
| Group 3 - Bobcat or similar type | 08/22/17 | 06/30/18 | \$45.07 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$71.11 | \$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 | \$46.56 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.60 | \$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 3/4 yds.) Operator, Welder, etc. | 08/22/17 | 06/30/18 | \$46.78 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.82 | \$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 | \$46.89 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$72.93 | \$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 | \$47.01 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.05 | \$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 | \$47.18 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.22 | \$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 | \$47.28 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.32 | \$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 | \$47.31 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.35 | \$4.40 | \$6.61 | \$84.36 | \$113.14 | \$141.91 |
| Group 15 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$47.39 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.43 | \$4.41 | \$6.62 | \$84.46 | \$113.28 | \$142.11 |
| Group 16 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$47.51 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.55 | \$4.42 | \$6.64 | \$84.60 | \$113.50 | \$142.40 |
| Group 17 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$47.68 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.72 | \$4.43 | \$6.66 | \$84.81 | \$113.81 | \$142.81 |
| Group 18 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$47.78 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.82 | \$4.44 | \$6.67 | \$84.93 | \$114.00 | \$143.06 |
| Group 19 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$47.89 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.93 | \$4.45 | \$6.69 | \$85.07 | \$114.20 | \$143.32 |
| Group 20 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$48.01 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.05 | \$4.46 | \$6.70 | \$85.21 | \$114.41 | \$143.62 |
| Group 21 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$48.18 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.22 | \$4.47 | \$6.72 | \$85.42 | \$114.73 | \$144.03 |
| Group 22 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$48.28 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.32 | \$4.48 | \$6.74 | \$85.54 | \$114.91 | \$144.27 |
| Group 23 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$48.39 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.43 | \$4.49 | \$6.75 | \$85.68 | \$115.11 | \$144.54 |
| Group 24 - Rubber-Tired Earthmoving Equipment (see description) | 08/22/17 | 06/30/18 | \$48.51 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.55 | \$4.50 | \$6.77 | \$85.82 | \$115.33 | \$144.83 |
| Group 25 - Concrete Pump Operator | 08/22/17 | 06/30/18 | \$48.68 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$74.72 | \$4.52 | \$6.79 | \$86.03 | \$115.64 | \$145.25 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 (Operating Engineer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$28.07 | \$3.55 | \$11.45 | \$0.00 | \$1.00 | \$0.39 | \$44.46 | \$2.74 | \$4.11 | \$51.31 | \$68.38 | \$85.45 |
| Level 2 | 08/22/17 | 06/30/18 | \$30.41 | \$3.55 | \$11.45 | \$0.00 | \$1.00 | \$0.39 | \$46.80 | \$2.94 | \$4.41 | \$54.15 | \$72.65 | \$91.15 |
| Level 3 | 08/22/17 | 06/30/18 | \$32.75 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$58.79 | \$3.14 | \$4.72 | \$66.65 | \$86.57 | \$106.49 |
| Level 4 | 08/22/17 | 06/30/18 | \$35.09 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$61.13 | \$3.34 | \$5.02 | \$69.50 | \$90.84 | \$112.18 |
| Level 5 | 08/22/17 | 06/30/18 | \$37.42 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$63.46 | \$3.54 | \$5.33 | \$72.33 | \$95.09 | \$117.85 |
| Level 6 | 08/22/17 | 06/30/18 | \$42.10 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$68.14 | \$3.95 | \$5.93 | \$78.02 | \$103.63 | \$129.24 |
| PAINTER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Painter, Lead Abatement | 08/22/17 | 12/31/17 | \$31.12 | \$2.05 | \$8.25 | \$3.04 | \$0.60 | \$0.91 | \$45.97 | \$2.87 | \$4.31 | \$53.15 | \$72.08 | \$91.01 |
| Industrial Painter | 08/22/17 | 12/31/17 | \$32.52 | \$2.20 | \$8.25 | \$3.04 | \$0.70 | \$0.91 | \$47.62 | \$3.00 | \$4.51 | \$55.14 | \$74.92 | \$94.70 |
| APPRENTICE (Painter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 12/31/17 | \$13.38 | \$0.74 | \$6.30 | \$0.14 | \$0.60 | \$0.91 | \$22.07 | \$1.22 | \$1.84 | \$25.13 | \$33.27 | \$41.40 |
| Level 2 | 08/22/17 | 12/31/17 | \$14.00 | \$0.76 | \$6.60 | \$0.14 | \$0.60 | \$0.91 | \$23.01 | \$1.28 | \$1.92 | \$26.21 | \$34.72 | \$43.24 |
| Level 3 | 08/22/17 | 12/31/17 | \$14.75 | \$0.98 | \$7.52 | \$0.68 | \$0.60 | \$0.91 | \$25.44 | \$1.36 | \$2.04 | \$28.85 | \$37.82 | \$46.79 |
| Level 4 | 08/22/17 | 12/31/17 | \$16.15 | \$1.02 | \$8.25 | \$1.28 | \$0.60 | \$0.91 | \$28.21 | \$1.49 | \$2.23 | \$31.93 | \$41.75 | \$51.57 |
| Level 5 | 08/22/17 | 12/31/17 | \$17.54 | \$1.61 | \$8.25 | \$1.34 | \$0.60 | \$0.91 | \$30.25 | \$1.66 | \$2.49 | \$34.40 | \$45.06 | \$55.73 |
| Level 6 | 08/22/17 | 12/31/17 | \$18.94 | \$1.65 | \$8.25 | \$2.05 | \$0.60 | \$0.91 | \$32.40 | \$1.78 | \$2.68 | \$36.86 | \$48.38 | \$59.90 |
| Level 7 | 08/22/17 | 12/31/17 | \$20.35 | \$1.71 | \$8.25 | \$2.52 | \$0.84 | \$0.91 | \$34.58 | \$1.91 | \$2.87 | \$39.36 | \$51.73 | \$64.11 |
| Level 8 | 08/22/17 | 12/31/17 | \$21.73 | \$1.75 | \$8.25 | \$2.52 | \$1.55 | \$0.91 | \$36.71 | \$2.03 | \$3.05 | \$41.79 | \$55.01 | \$68.23 |
| APPRENTICE (Industrial Painter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 12/31/17 | \$13.98 | \$0.80 | \$6.30 | \$0.14 | \$0.70 | \$0.91 | \$22.83 | \$1.28 | \$1.92 | \$26.03 | \$34.53 | \$43.04 |
| Level 2 | 08/22/17 | 12/31/17 | \$14.63 | \$0.82 | \$6.60 | \$0.14 | \$0.70 | \$0.91 | \$23.80 | \$1.34 | \$2.01 | \$27.14 | \$36.04 | \$44.94 |
| Level 3 | 08/22/17 | 12/31/17 | \$15.42 | \$1.05 | \$7.52 | \$0.68 | \$0.70 | \$0.91 | \$26.28 | \$1.42 | \$2.14 | \$29.85 | \$39.22 | \$48.60 |
| Level 4 | 08/22/17 | 12/31/17 | \$16.89 | \$1.10 | \$8.25 | \$1.28 | \$0.70 | \$0.91 | \$29.13 | \$1.56 | \$2.34 | \$33.02 | \$43.30 | \$53.57 |
| Level 5 | 08/22/17 | 12/31/17 | \$18.34 | \$1.70 | \$8.25 | \$1.34 | \$0.70 | \$0.91 | \$31.24 | \$1.73 | \$2.61 | \$35.58 | \$46.73 | \$57.89 |
| Level 6 | 08/22/17 | 12/31/17 | \$19.80 | \$1.75 | \$8.25 | \$2.05 | \$0.70 | \$0.91 | \$33.46 | \$1.86 | \$2.80 | \$38.13 | \$50.17 | \$62.21 |
| Level 7 | 08/22/17 | 12/31/17 | \$21.26 | \$1.81 | \$8.25 | \$2.52 | \$0.94 | \$0.91 | \$35.69 | \$2.00 | \$3.00 | \$40.68 | \$53.62 | \$66.55 |
| Level 8 | 08/22/17 | 12/31/17 | \$22.72 | \$1.85 | \$8.25 | \$2.52 | \$1.65 | \$0.91 | \$37.90 | \$2.13 | \$3.19 | \$43.22 | \$57.04 | \$70.86 |
| 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 | \$35.86 | \$4.83 | \$7.12 | \$4.48 | \$1.31 | \$0.50 | \$54.10 | \$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 Squeegeeman (Finisher) | 08/22/17 | 06/30/18 | \$37.16 | \$4.83 | \$7.12 | \$4.48 | \$1.31 | \$0.50 | \$55.40 | \$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 | \$39.17 | \$4.83 | \$7.12 | \$4.48 | \$1.31 | \$0.50 | \$57.41 | \$3.81 | \$5.72 | \$66.94 | \$90.76 | \$114.59 |
| Group 4 - Traffic Striping Applicator, Slurry Seal Mixer Operator | 08/22/17 | 06/30/18 | \$40.91 | \$4.83 | \$7.12 | \$4.48 | \$1.31 | \$0.50 | \$59.15 | \$3.96 | \$5.95 | \$69.05 | \$93.94 | \$118.82 |
| APPRENTICE (Parking & Highway Improvement/Striper - Laborer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$22.95 | \$2.42 | \$4.98 | \$1.34 | \$0.55 | \$0.00 | \$32.24 | \$2.19 | \$3.30 | \$37.73 | \$51.69 | \$65.65 |
| Level 2 | 08/22/17 | 06/30/18 | \$26.87 | \$2.42 | \$4.98 | \$1.34 | \$0.55 | \$0.00 | \$36.16 | \$2.53 | \$3.81 | \$42.50 | \$58.84 | \$75.19 |
| Level 3 | 08/22/17 | 06/30/18 | \$29.38 | \$3.38 | \$5.70 | \$1.79 | \$1.31 | \$0.44 | \$42.00 | \$2.83 | \$4.26 | \$49.09 | \$66.96 | \$84.83 |
| Level 4 | 08/22/17 | 06/30/18 | \$31.34 | \$3.38 | \$5.70 | \$1.79 | \$1.31 | \$0.44 | \$43.96 | \$3.00 | \$4.51 | \$51.48 | \$70.54 | \$89.60 |
| PLASTERER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Plasterer | 08/22/17 | 07/31/18 | \$35.61 | \$5.65 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$56.70 | \$3.57 | \$5.36 | \$65.63 | \$87.29 | \$108.95 |
| Plaster Tender | 08/22/17 | 08/07/18 | \$35.05 | \$5.12 | \$7.12 | \$6.93 | \$1.02 | \$0.96 | \$56.20 | \$3.47 | \$5.22 | \$64.90 | \$86.22 | \$107.54 |
| Plaster clean-up Laborer | 08/22/17 | 08/07/18 | \$32.50 | \$5.12 | \$7.12 | \$6.93 | \$1.02 | \$0.96 | \$53.65 | \$3.25 | \$4.89 | \$61.79 | \$81.56 | \$101.33 |
| APPRENTICE (Plasterer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 07/31/18 | \$16.02 | \$4.39 | \$9.13 | \$0.00 | \$0.00 | \$0.00 | \$29.54 | \$1.77 | \$2.65 | \$33.96 | \$43.70 | \$53.45 |
| Level 2 | 08/22/17 | 07/31/18 | \$17.81 | \$4.49 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$37.74 | \$1.93 | \$2.90 | \$42.57 | \$53.40 | \$64.23 |
| Level 3 | 08/22/17 | 07/31/18 | \$21.37 | \$4.70 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$41.51 | \$2.26 | \$3.39 | \$47.15 | \$60.15 | \$73.15 |
| Level 4 | 08/22/17 | 07/31/18 | \$24.93 | \$4.91 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$45.28 | \$2.58 | \$3.88 | \$51.74 | \$66.90 | \$82.07 |
| Level 5 | 08/22/17 | 07/31/18 | \$28.49 | \$5.11 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$49.04 | \$2.91 | \$4.37 | \$56.31 | \$73.64 | \$90.97 |
| Level 6 | 08/22/17 | 07/31/18 | \$32.05 | \$5.32 | \$9.13 | \$4.59 | \$0.73 | \$0.99 | \$52.81 | \$3.23 | \$4.86 | \$60.90 | \$80.40 | \$99.89 |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 | 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 | Total Burdened Hourly Rate for Work on Sunday, Holidays |
| APPRENTICE (Plaster Tender) | | | | | | | | | | | | | | |
| Level 1 | 08/22/16 | 08/07/18 | \$15.77 | \$5.12 | \$4.27 | \$1.39 | \$1.02 | \$0.06 | \$27.63 | \$1.81 | \$2.72 | \$32.15 | \$41.74 | \$51.34 |
| Level 2 | 08/22/16 | 08/07/18 | \$17.53 | \$5.12 | \$4.98 | \$2.77 | \$1.02 | \$0.06 | \$31.48 | \$1.96 | \$2.94 | \$36.38 | \$47.05 | \$57.71 |
| Level 3 | 08/22/16 | 08/07/18 | \$21.03 | \$5.12 | \$5.70 | \$4.16 | \$1.02 | \$0.06 | \$37.09 | \$2.26 | \$3.40 | \$42.75 | \$55.54 | \$68.33 |
| Level 4 | 08/22/16 | 08/07/18 | \$24.54 | \$5.12 | \$6.41 | \$5.54 | \$1.02 | \$0.06 | \$42.69 | \$2.57 | \$3.86 | \$49.11 | \$64.04 | \$78.96 |
| Level 5 | 08/22/16 | 08/07/18 | \$28.04 | \$5.12 | \$6.41 | \$5.89 | \$1.02 | \$0.06 | \$46.54 | \$2.87 | \$4.31 | \$53.72 | \$70.77 | \$87.83 |
| Level 6 | 08/22/16 | 08/07/18 | \$31.55 | \$5.12 | \$6.41 | \$6.24 | \$1.02 | \$0.06 | \$50.40 | \$3.17 | \$4.77 | \$58.34 | \$77.53 | \$96.72 |
| PLUMBER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Plumber, Industrial and General Pipefitter | 08/22/17 | 08/31/18 | \$46.03 | \$3.25 | \$8.16 | \$11.50 | \$1.95 | \$1.25 | \$72.14 | \$4.26 | \$6.41 | \$82.81 | \$110.81 | \$138.80 |
| Sewer and Storm Drain Pipefitter | 08/22/17 | 08/31/18 | \$35.17 | \$1.22 | \$8.05 | \$8.65 | \$1.68 | \$1.25 | \$56.02 | \$3.15 | \$4.73 | \$63.90 | \$85.29 | \$106.68 |
| Sewer and Storm Drain Pipe Tradesman | 08/22/17 | 08/31/18 | \$18.13 | \$0.00 | \$8.05 | \$0.38 | \$1.11 | \$1.10 | \$28.77 | \$1.57 | \$2.36 | \$32.70 | \$43.72 | \$54.75 |
| Landscape/Irrigation Fitter | 08/22/17 | 08/31/18 | \$29.59 | \$2.71 | \$8.16 | \$11.50 | \$1.34 | \$1.05 | \$54.35 | \$2.79 | \$4.20 | \$61.34 | \$79.34 | \$97.34 |
| Landscape/Irrigation Tradesman | 08/22/17 | 08/31/18 | \$14.11 | \$0.00 | \$3.00 | \$0.88 | \$0.10 | \$0.85 | \$18.94 | \$1.22 | \$1.83 | \$21.99 | \$30.58 | \$39.16 |
| Fire Sprinkler Fitter | 08/22/17 | 12/31/17 | \$39.07 | \$0.00 | \$9.17 | \$11.35 | \$0.47 | \$0.25 | \$60.31 | \$3.38 | \$5.08 | \$68.77 | \$92.53 | \$116.30 |
| APPRENTICE (Plumber, Pipefitter, Steamfitter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 08/31/18 | \$20.71 | \$1.76 | \$0.00 | \$0.38 | \$1.13 | \$1.13 | \$25.11 | \$1.94 | \$2.92 | \$29.97 | \$42.57 | \$55.17 |
| Level 2 | 08/22/17 | 08/31/18 | \$23.02 | \$2.06 | \$8.16 | \$0.38 | \$1.20 | \$1.19 | \$36.01 | \$2.17 | \$3.26 | \$41.44 | \$55.44 | \$69.44 |
| Level 3 | 08/22/17 | 08/31/18 | \$27.62 | \$2.36 | \$8.16 | \$5.63 | \$1.21 | \$1.19 | \$46.17 | \$2.59 | \$3.90 | \$52.66 | \$69.46 | \$86.26 |
| Level 4 | 08/22/17 | 08/31/18 | \$32.22 | \$2.65 | \$8.16 | \$6.01 | \$1.26 | \$1.19 | \$51.49 | \$3.02 | \$4.53 | \$59.04 | \$78.64 | \$98.23 |
| Level 5 | 08/22/17 | 08/31/18 | \$36.82 | \$2.95 | \$8.16 | \$6.44 | \$1.29 | \$1.19 | \$56.85 | \$3.44 | \$5.17 | \$65.46 | \$87.86 | \$110.25 |
| ROOFER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Roofing | 08/22/17 | 07/31/18 | \$37.07 | \$0.00 | \$8.06 | \$7.57 | \$0.51 | \$0.63 | \$53.84 | \$3.21 | \$4.82 | \$61.87 | \$84.41 | \$106.96 |
| Pitch Work | 08/22/17 | 07/31/18 | \$38.82 | \$0.00 | \$8.06 | \$7.57 | \$0.51 | \$0.63 | \$55.59 | \$3.36 | \$5.05 | \$63.99 | \$87.61 | \$111.22 |
| APPRENTICE (Roofer) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 07/31/18 | \$20.41 | \$0.00 | \$8.06 | \$4.47 | \$0.51 | \$0.63 | \$34.08 | \$1.77 | \$2.65 | \$38.50 | \$50.91 | \$63.33 |
| Level 2 | 08/22/17 | 07/31/18 | \$22.08 | \$0.00 | \$8.06 | \$4.47 | \$0.51 | \$0.63 | \$35.75 | \$1.91 | \$2.87 | \$40.53 | \$53.96 | \$67.39 |
| Level 3 | 08/22/17 | 07/31/18 | \$23.74 | \$0.00 | \$8.06 | \$4.47 | \$0.51 | \$0.63 | \$37.41 | \$2.05 | \$3.09 | \$42.55 | \$56.99 | \$71.43 |
| Level 4 | 08/22/17 | 07/31/18 | \$25.41 | \$0.00 | \$8.06 | \$4.47 | \$0.51 | \$0.63 | \$39.08 | \$2.20 | \$3.30 | \$44.58 | \$60.04 | \$75.49 |
| Level 5 | 08/22/17 | 07/31/18 | \$27.07 | \$0.00 | \$8.06 | \$4.47 | \$0.51 | \$0.63 | \$40.74 | \$2.34 | \$3.52 | \$46.60 | \$63.07 | \$79.53 |
| Level 6 | 08/22/17 | 07/31/18 | \$30.41 | \$0.00 | \$8.06 | \$4.72 | \$0.51 | \$0.63 | \$44.33 | \$2.63 | \$3.95 | \$50.91 | \$69.41 | \$87.91 |
| Level 7 | 08/22/17 | 07/31/18 | \$33.74 | \$0.00 | \$8.06 | \$4.72 | \$0.51 | \$0.63 | \$47.66 | \$2.92 | \$4.39 | \$54.96 | \$75.49 | \$96.01 |
| SHEET METAL WORKER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Sheet Metal Worker | 8/22/2017 | 06/30/18 | \$42.78 | \$0.00 | \$10.37 | \$16.79 | \$0.82 | \$0.65 | \$71.41 | \$3.70 | \$5.56 | \$80.67 | \$106.69 | \$132.71 |
| APPRENTICE (Sheet metal Worker) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$14.57 | \$0.00 | \$6.22 | \$2.10 | \$1.67 | \$0.35 | \$24.91 | \$1.26 | \$1.89 | \$28.06 | \$36.93 | \$45.79 |
| Level 2 | 08/22/17 | 06/30/18 | \$16.19 | \$0.00 | \$6.22 | \$2.23 | \$1.67 | \$0.35 | \$26.66 | \$1.40 | \$2.10 | \$30.17 | \$40.01 | \$49.86 |
| Level 3 | 08/22/17 | 06/30/18 | \$17.81 | \$0.00 | \$6.22 | \$2.35 | \$1.67 | \$0.35 | \$28.40 | \$1.54 | \$2.32 | \$32.26 | \$43.09 | \$53.92 |
| Level 4 | 08/22/17 | 06/30/18 | \$19.43 | \$0.00 | \$6.22 | \$2.47 | \$1.67 | \$0.35 | \$30.14 | \$1.68 | \$2.53 | \$34.35 | \$46.16 | \$57.98 |
| Level 5 | 08/22/17 | 06/30/18 | \$21.05 | \$0.00 | \$6.22 | \$2.59 | \$1.67 | \$0.35 | \$31.88 | \$1.82 | \$2.74 | \$36.44 | \$49.24 | \$62.04 |
| Level 6 | 08/22/17 | 06/30/18 | \$22.67 | \$0.00 | \$6.22 | \$2.72 | \$1.67 | \$0.35 | \$33.63 | \$1.96 | \$2.95 | \$38.54 | \$52.33 | \$66.12 |
| Level 7 | 08/22/17 | 06/30/18 | \$24.29 | \$0.00 | \$6.22 | \$2.84 | \$1.67 | \$0.35 | \$35.37 | \$2.10 | \$3.16 | \$40.63 | \$55.40 | \$70.18 |
| Level 8 | 08/22/17 | 06/30/18 | \$25.90 | \$0.00 | \$6.22 | \$2.96 | \$1.67 | \$0.35 | \$37.10 | \$2.24 | \$3.37 | \$42.71 | \$58.46 | \$74.21 |
| Level 9 | 08/22/17 | 06/30/18 | \$27.52 | \$0.00 | \$6.22 | \$3.08 | \$1.67 | \$0.35 | \$38.84 | \$2.38 | \$3.58 | \$44.80 | \$61.54 | \$78.28 |
| Level 10 | 08/22/17 | 06/30/18 | \$29.14 | \$0.00 | \$6.22 | \$3.21 | \$1.67 | \$0.35 | \$40.59 | \$2.52 | \$3.79 | \$46.90 | \$64.62 | \$82.35 |
| APPRENTICE (Sheet metal Worker) HVAC | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 06/30/18 | \$18.82 | \$0.00 | \$6.22 | \$5.88 | \$0.82 | \$0.65 | \$32.39 | \$1.63 | \$2.45 | \$36.46 | \$47.91 | \$59.36 |
| Level 2 | 08/22/17 | 06/30/18 | \$20.53 | \$0.00 | \$6.22 | \$6.05 | \$0.82 | \$0.65 | \$34.27 | \$1.78 | \$2.67 | \$38.71 | \$51.20 | \$63.69 |
| Level 3 | 08/22/17 | 06/30/18 | \$22.25 | \$0.00 | \$6.22 | \$6.22 | \$0.82 | \$0.65 | \$36.16 | \$1.92 | \$2.89 | \$40.98 | \$54.51 | \$68.04 |
| Level 4 | 08/22/17 | 06/30/18 | \$23.96 | \$0.00 | \$6.22 | \$6.39 | \$0.82 | \$0.65 | \$38.04 | \$2.07 | \$3.11 | \$43.23 | \$57.80 | \$72.37 |
| Level 5 | 08/22/17 | 06/30/18 | \$25.67 | \$0.00 | \$10.37 | \$6.56 | \$0.82 | \$0.65 | \$44.07 | \$2.22 | \$3.34 | \$49.63 | \$65.24 | \$80.86 |
| Level 6 | 08/22/17 | 06/30/18 | \$27.38 | \$0.00 | \$10.37 | \$6.73 | \$0.82 | \$0.65 | \$45.95 | \$2.37 | \$3.56 | \$51.88 | \$68.53 | \$85.19 |
| Level 7 | 08/22/17 | 06/30/18 | \$29.09 | \$0.00 | \$10.37 | \$6.90 | \$0.82 | \$0.65 | \$47.83 | \$2.52 | \$3.78 | \$54.13 | \$71.82 | \$89.52 |
| Level 8 | 08/22/17 | 06/30/18 | \$30.80 | \$0.00 | \$10.37 | \$7.07 | \$0.82 | \$0.65 | \$49.71 | \$2.66 | \$4.00 | \$56.38 | \$75.11 | \$93.85 |
| Level 9 | 08/22/17 | 06/30/18 | \$32.51 | \$0.00 | \$10.37 | \$7.25 | \$0.82 | \$0.65 | \$51.60 | \$2.81 | \$4.23 | \$58.64 | \$78.41 | \$98.19 |
| Level 10 | 08/22/17 | 06/30/18 | \$34.22 | \$0.00 | \$10.37 | \$7.42 | \$0.82 | \$0.65 | \$53.48 | \$2.96 | \$4.45 | \$60.89 | \$81.70 | \$102.52 |
| TEAMSTERS (WORK ON SITE ONLY) | | | | | | | | | | | | | | |
| Group 2 - Truck Mounted Power Broom | 08/22/17 | 06/30/18 | \$29.74 | \$3.05 | \$17.47 | \$5.60 | \$1.62 | \$0.45 | \$57.93 | \$2.84 | \$4.26 | \$65.03 | \$83.12 | \$101.21 |
| Group 3 - Dump Truck (under 16 yds.) | 08/22/17 | 06/30/18 | \$29.87 | \$3.05 | \$17.47 | \$5.60 | \$1.62 | \$0.45 | \$58.06 | \$2.85 | \$4.28 | \$65.19 | \$83.36 | \$101.52 |
| Group 6 - Dump Truck (16 - 25 yds) | 08/22/17 | 06/30/18 | \$30.12 | \$3.05 | \$17.47 | \$5.60 | \$1.62 | \$0.45 | \$58.31 | \$2.87 | \$4.31 | \$65.49 | \$83.81 | \$102.13 |
| Group 8 - Dump Truck (25 - 49 yds) | 08/22/17 | 06/30/18 | \$30.62 | \$3.05 | \$17.47 | \$5.60 | \$1.62 | \$0.45 | \$58.81 | \$2.91 | \$4.38 | \$66.10 | \$84.72 | \$103.35 |
| TERRAZZO FINISHER (JOURNEY LEVEL) | | | | | | | | | | | | | | |



**BUREAU OF ENGINEERING
CHANGE ORDER LABOR RATES FOR CONSTRUCTION
(Based on Determination 2017-2)**

| 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 Base Hourly Wage Rate = (A+B+C) | Payroll Taxes @ 8.65% of the Base Wage = 0.0865*(A+B) | Workers' Comp & Gen'l Liability @ 13% of the Base Wage = 0.13*(A+B) | Total Burdened Hourly Rate (D+E+F) | 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 |
| TERRAZZO FINISHER | 08/22/17 | 08/31/18 | \$29.75 | \$0.00 | \$8.75 | \$3.53 | \$0.63 | \$0.26 | \$42.92 | \$2.57 | \$3.87 | \$49.36 | \$67.46 | \$85.55 |
| APPRENTICE (Terrazo Finisher) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 08/31/18 | \$14.88 | \$0.00 | \$3.23 | \$0.00 | \$0.51 | \$0.12 | \$18.74 | \$1.29 | \$1.93 | \$21.96 | \$31.01 | \$40.06 |
| Level 2 | 08/22/17 | 08/31/18 | \$17.85 | \$0.00 | \$6.96 | \$3.40 | \$0.51 | \$0.12 | \$28.84 | \$1.54 | \$2.32 | \$32.70 | \$43.56 | \$54.42 |
| Level 3 | 08/22/17 | 08/31/18 | \$22.31 | \$0.00 | \$8.75 | \$3.40 | \$0.51 | \$0.12 | \$35.09 | \$1.93 | \$2.90 | \$39.92 | \$53.49 | \$67.06 |
| Level 4 | 08/22/17 | 08/31/18 | \$23.80 | \$0.00 | \$8.75 | \$3.40 | \$0.51 | \$0.12 | \$36.58 | \$2.06 | \$3.09 | \$41.73 | \$56.21 | \$70.69 |
| TERRAZZO WORKER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Terrazzo Worker | 08/22/17 | 08/31/18 | \$36.75 | \$0.00 | \$9.25 | \$3.86 | \$0.71 | \$0.26 | \$50.83 | \$3.18 | \$4.78 | \$58.79 | \$81.14 | \$103.49 |
| TILE FINISHER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Tile Finisher | 08/22/17 | 05/31/18 | \$25.98 | \$0.00 | \$8.43 | \$2.00 | \$0.80 | \$0.28 | \$37.49 | \$2.25 | \$3.38 | \$43.11 | \$58.92 | \$74.72 |
| APPRENTICE (Tile Finisher) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 05/31/18 | \$15.33 | \$0.00 | \$4.24 | \$0.00 | \$0.80 | \$0.05 | \$20.42 | \$1.33 | \$1.99 | \$23.74 | \$33.06 | \$42.39 |
| Level 2 | 08/22/17 | 05/31/18 | \$18.71 | \$0.00 | \$6.38 | \$0.00 | \$0.80 | \$0.05 | \$25.94 | \$1.62 | \$2.43 | \$29.99 | \$41.37 | \$52.75 |
| Level 3 | 08/22/17 | 05/31/18 | \$22.08 | \$0.00 | \$7.58 | \$2.00 | \$0.80 | \$0.05 | \$32.51 | \$1.91 | \$2.87 | \$37.29 | \$50.72 | \$64.15 |
| Level 4 | 08/22/17 | 05/31/18 | \$24.94 | \$0.00 | \$7.58 | \$2.00 | \$0.80 | \$0.05 | \$35.37 | \$2.16 | \$3.24 | \$40.77 | \$55.94 | \$71.11 |
| TILE LAYER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Tile Layer | 02/22/17 | 05/31/18 | \$37.76 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$54.50 | \$3.27 | \$4.91 | \$62.68 | \$85.64 | \$108.61 |
| APPRENTICE (Tile Setter) | | | | | | | | | | | | | | |
| Level 1 | 08/22/17 | 05/31/18 | \$16.99 | \$0.00 | \$9.25 | \$0.00 | \$0.98 | \$0.37 | \$27.59 | \$1.47 | \$2.21 | \$31.27 | \$41.60 | \$51.94 |
| Level 2 | 08/22/17 | 05/31/18 | \$19.26 | \$0.00 | \$9.25 | \$0.00 | \$0.98 | \$0.37 | \$29.86 | \$1.67 | \$2.50 | \$34.03 | \$45.74 | \$57.46 |
| Level 3 | 08/22/17 | 05/31/18 | \$21.90 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$38.64 | \$1.89 | \$2.85 | \$43.38 | \$56.70 | \$70.02 |
| Level 4 | 08/22/17 | 05/31/18 | \$24.17 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$40.91 | \$2.09 | \$3.14 | \$46.14 | \$60.84 | \$75.55 |
| Level 5 | 08/22/17 | 05/31/18 | \$26.43 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$43.17 | \$2.29 | \$3.44 | \$48.89 | \$64.97 | \$81.04 |
| Level 6 | 08/22/17 | 05/31/18 | \$28.70 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$45.44 | \$2.48 | \$3.73 | \$51.65 | \$69.11 | \$86.57 |
| Level 7 | 08/22/17 | 05/31/18 | \$33.23 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$49.97 | \$2.87 | \$4.32 | \$57.16 | \$77.38 | \$97.59 |
| Level 8 | 08/22/17 | 05/31/18 | \$35.49 | \$0.00 | \$9.25 | \$6.14 | \$0.98 | \$0.37 | \$52.23 | \$3.07 | \$4.61 | \$59.91 | \$81.50 | \$103.09 |
| TREE TRIMMER (LINE CLEARANCE) | | | | | | | | | | | | | | |
| Tree Trimmer | | | | | | | | | | | | | | |
| Step 1 | 02/22/17 | 12/30/17 | \$14.75 | \$0.68 | \$3.51 | \$0.44 | \$0.00 | \$0.00 | \$19.38 | \$1.33 | \$2.01 | \$22.72 | \$31.69 | \$40.66 |
| Step 2 | 02/22/17 | 12/30/17 | \$15.70 | \$0.72 | \$3.51 | \$0.47 | \$0.00 | \$0.00 | \$20.40 | \$1.42 | \$2.13 | \$23.95 | \$33.50 | \$43.05 |
| Step 3 | 02/22/17 | 12/30/17 | \$16.33 | \$0.75 | \$3.51 | \$0.48 | \$0.00 | \$0.00 | \$21.07 | \$1.48 | \$2.22 | \$24.77 | \$34.70 | \$44.63 |
| Step 4 | 02/22/17 | 12/30/17 | \$17.06 | \$0.79 | \$3.51 | \$0.51 | \$0.00 | \$0.00 | \$21.87 | \$1.54 | \$2.32 | \$25.73 | \$36.11 | \$46.49 |
| Tree Trimmer Trainee | 02/22/17 | 12/30/17 | \$14.02 | \$0.65 | \$3.51 | \$0.42 | \$0.00 | \$0.00 | \$18.60 | \$1.27 | \$1.91 | \$21.78 | \$30.30 | \$38.83 |
| TUNNEL WORKER - LABORER (JOURNEY LEVEL) | | | | | | | | | | | | | | |
| Group 3 - Micro-Tunneling, Micro-Tunneling Systems | 08/22/17 | 06/30/18 | \$39.82 | \$4.59 | \$7.12 | \$7.53 | \$0.69 | \$0.61 | \$60.36 | \$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 | \$47.39 | \$3.55 | \$11.45 | \$9.65 | \$1.00 | \$0.39 | \$73.43 | \$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.