Municipality of Anchorage
Project Management and Engineering

| Spec \# Work Description |  | Quantities | Units | Low Bid | Average Bid | High Bid \# Bids |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20.02 M | Stormwater Pollution Prevention Plan | 1 | L.S. | \$500.00 | \$29,631.99 | \$93,000.00 | 69 |
| 20.03 M | Exploratory Test Pits | 1-20 | HR. | \$100.00 | \$592.18 | \$1,300.00 | 17 |
| 20.04 M | Clearing \& Grubbing | 1 | L.S. | \$8,600.00 | \$26,984.07 | \$81,000.00 | 20 |
| 20.06 M | Tree Removal | 1-5 | EA. | \$1,000.00 | \$1,086.01 | \$1,258.03 | 3 |
| 20.06 M | Tree Removal | >5 | EA. | \$150.00 | \$679.17 | \$1,500.00 | 6 |
| 20.07 M | Remove Existing Sidewalk or Concrete Apron | 1-200 | S.Y. | \$8.00 | \$30.07 | \$57.93 | 15 |
| 20.07 M | Remove Existing Sidewalk or Concrete Apron | > 200 | S.Y. | \$6.00 | \$25.90 | \$68.00 | 37 |
| 20.08 M | Remove Existing Curb and Gutter | 1-1000 | L.F. | \$8.70 | \$15.84 | \$25.00 | 8 |
| 20.08 M | Remove Existing Curb and Gutter | > 1000 | L.F. | \$2.75 | \$11.79 | \$45.00 | 58 |
| 20.09 M | Remove Existing Pavement | 1-200 | S.Y. | \$6.00 | \$10.50 | \$15.00 | 2 |
| 20.09 M | Remove Existing Pavement | 201-500 | S.Y. | \$1.00 | \$4.00 | \$7.00 | 2 |
| 20.09 M | Remove Existing Pavement | 501-5000 | S.Y. | \$2.50 | \$6.24 | \$13.00 | 27 |
| 20.09 M | Remove Existing Pavement | > 5000 | S.Y. | \$1.70 | \$4.06 | \$15.00 | 18 |
| 20.10 M | Unusable Excavation | 1-100 | C.Y. | \$50.00 | \$85.00 | \$120.00 | 2 |
| 20.10 M | Unusable Excavation | 100-1000 | C.Y. | \$10.00 | \$28.98 | \$45.00 | 12 |
| 20.10 M | Unusable Excavation | > 1000 | C.Y. | \$10.00 | \$22.12 | \$50.00 | 26 |
| 20.10 M | Usable Excavation | 1-5000 | C.Y. | \$25.00 | \$25.00 | \$25.00 | 2 |
| 20.10 M | Usable Excavation | > 5000 | C.Y. | \$10.50 | \$14.95 | \$18.87 | 8 |
| 20.11 M | Grading Existing Surfaces | 1-5000 | L.F. | \$5.00 | \$14.57 | \$35.00 | 7 |
| 20.12 M | Trench Dewatering | 1 | L.S. | \$3,600.00 | \$48,775.74 | \$250,000.00 | 38 |
| 20.13 M | Trench Excavation and Backfill (Various Depths) | 1-5000 | L.F. | \$8.00 | \$47.55 | \$150.00 | 30 |
| 20.15 M | Furnish Trench Backfill (Type IIA) | 1-3000 | Ton | \$16.00 | \$25.49 | \$50.00 | 16 |
| 20.15 M | Furnish Trench Backfill (Type II) | 1-3000 | Ton | \$12.00 | \$19.59 | \$38.00 | 33 |
| 20.15 M | Furnish Trench Backfill (Type II) | > 3000 | Ton | \$11.00 | \$14.50 | \$18.00 | 6 |
| 20.16 M | Bedding Material (Class D) | 1-10,000 | Ton | \$25.00 | \$50.77 | \$73.87 | 5 |
| 20.16 M | Bedding Material (Class D) | 1-10,000 | L.F. | \$15.00 | \$33.29 | \$90.00 | 31 |


| Spec \# | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20.16 M | Bedding Material (Class E) | 1-10,000 | L.F. | \$20.00 | \$37.26 | \$60.00 | 13 |
| 20.17 M | Filter Material (Type C) | 1-5000 | Ton | \$32.55 | \$51.07 | \$80.00 | 8 |
| 20.18 M | Drain Rock | 1-2000 | Ton | \$35.00 | \$78.47 | \$140.00 | 6 |
| 20.21 M | Classified Fill and Backfill (Type II) | 1-500 | Ton | \$25.00 | \$30.50 | \$34.00 | 4 |
| 20.21 M | Classified Fill and Backfill (Type II) | 501-5000 | Ton | \$17.00 | \$21.47 | \$28.00 | 6 |
| 20.21 M | Classified Fill and Backfill (Type II) | > 5000 | Ton | \$15.00 | \$19.18 | \$24.26 | 20 |
| 20.21 M | Classified Fill and Backfill (Type IIA) | 1-500 | Ton | \$16.00 | \$29.84 | \$50.00 | 16 |
| 20.21 M | Classified Fill and Backfill (Type IIA) | 501-5000 | Ton | \$15.00 | \$22.97 | \$35.00 | 20 |
| 20.21 M | Classified Fill and Backfill (Type IIA) | $>5000$ | Ton | \$16.00 | \$19.77 | \$27.00 | 22 |
| 20.22 M | Leveling Course | 1-500 | Ton | \$15.00 | \$47.21 | \$150.00 | 26 |
| 20.22 M | Leveling Course | > 500 | Ton | \$27.00 | \$34.51 | \$50.00 | 22 |
| 20.25 M | Geotextile Fabric (Type A - Separation) | 500-10,00 | S.Y. | \$1.29 | \$2.47 | \$5.00 | 18 |
| 20.25 M | Geotextile Fabric (Type A - Separation) | > 10,000 | S.Y. | \$1.00 | \$1.61 | \$2.00 | 15 |
| 20.25 M | Geotextile Fabric (Type C - Impervious) | 1-10,000 | S.Y. | \$1.00 | \$2.23 | \$5.00 | 13 |
| 20.26 M | Insulation Board (R=4.5) | > 1000 | S.F. | \$1.00 | \$1.68 | \$3.00 | 14 |
| 20.26 M | Insulation Board ( $\mathrm{R}=9$ ) | $>1000$ | S.F. | \$1.60 | \$2.09 | \$3.50 | 22 |
| 20.26 M | Insulation Board (R=18) | > 1000 | S.F. | \$3.60 | \$4.43 | \$5.00 | 6 |
| 20.26 M | Insulation Board (R=20) | 1-500 | S.F. | \$3.30 | \$5.79 | \$10.00 | 25 |
| 20.26 M | Insulation Board ( $\mathrm{R}=20$ ) | > 500 | S.F. | \$3.10 | \$4.69 | \$5.60 | 7 |
| 20.27 M | Disposal of Unsuitable or Surplus Material | 1-5000 | C.Y. | \$10.00 | \$23.51 | \$50.00 | 31 |
| 20.27 M | Disposal of Unsuitable or Surplus Material | > 5000 | C.Y. | \$15.00 | \$21.00 | \$28.00 | 5 |
| 20.28 SP | Existing Driveway Reconstruction, Asphalt | 1-50 | EA. | \$60.00 | \$724.29 | \$2,600.00 | 7 |
| 20.28 M | Existing Driveway Reconstruction, Asphalt | 1-10,000 | S.Y. | \$26.00 | \$93.09 | \$300.00 | 34 |
| 20.28 M | Existing Driveway Reconstruction, Concrete | 1-10,000 | S.Y. | \$101.25 | \$494.80 | \$1,369.65 | 16 |
| 20.28 SP | Existing Driveway Reconstruction, Gravel | 1-10,000 | S.Y. | \$29.50 | \$63.67 | \$165.00 | 11 |
| 30.02 M | P.C.C. Curb \& Gutter (All Types) | 1-100 | L.F. | \$76.00 | \$83.00 | \$90.00 | 2 |
| 30.02 M | P.C.C. Curb \& Gutter (All Types) | 101-1000 | L.F. | \$35.00 | \$43.47 | \$60.00 | 6 |
| 30.02 M | P.C.C. Curb \& Gutter (All Types) | > 1000 | L.F. | \$26.00 | \$42.37 | \$65.56 | 44 |
| 30.02 M | P.C.C. Curb \& Gutter (Type I) | $1-5000$ | L.F. | \$25.00 | \$28.83 | \$38.00 | 6 |
| 30.02 M | P.C.C. Curb \& Gutter (Type II) | >200 | L.F. | \$18.00 | \$28.21 | \$40.00 | 14 |


| Spec \# | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30.02 M | P.C.C. Valley Gutter | 1-500 | L.F. | \$50.00 | \$75.96 | \$163.48 | 12 |
| 30.02 M | Curb Nose | 1-20 | EA. | \$1,000.00 | \$1,960.04 | \$4,555.99 | 17 |
| 30.02 SP | Curb Guard | 1-1000 | L.F. | \$100.00 | \$140.37 | \$200.00 | 14 |
| 30.03 M | P.C.C. Sidewalk (4" Thick) (Standard Finish) | 1-150 | S.Y. | \$70.00 | \$106.72 | \$169.52 | 15 |
| 30.03 M | P.C.C. Sidewalk (4" Thick) (Standard Finish) | > 150 | S.Y. | \$49.00 | \$79.84 | \$130.00 | 26 |
| 30.03 M | P.C.C. Sidewalk (6" Thick) (Standard Finish) | 1-50 | S.Y. | \$105.00 | \$116.00 | \$127.00 | 2 |
| 30.03 M | P.C.C. Sidewalk (6" Thick) (Standard Finish) | 51-150 | S.Y. | \$85.00 | \$122.43 | \$150.00 | 13 |
| 30.03 M | P.C.C. Sidewalk (6" Thick) (Standard Finish) | > 150 | S.Y. | \$84.00 | \$109.80 | \$150.00 | 21 |
| 30.04 M | Detectable Warnings | 1-500 | S.F. | \$52.00 | \$86.31 | \$105.00 | 10 |
| 30.04 M | P.C.C. Curb Ramp | 1-100 | EA. | \$1,500.00 | \$4,509.59 | \$12,086.07 | 68 |
| 30.05 M | P.C.C. Retaining Wall | 1-50 | C.Y. | \$1,900.00 | \$3,100.00 | \$4,900.00 | 3 |
| 30.05 M | P.C.C. Structures/Retaining Walls | 1-25 | C.Y. | \$2,000.00 | \$4,411.42 | \$6,618.54 | 6 |
| 30.05 M | P.C.C. Structures/Retaining Walls | > 25 | C.Y. | \$924.00 | \$1,371.19 | \$2,339.33 | 7 |
| 30.10 M | Colored Concrete (4" Thick) (Imprinted) | 1-100 | S.Y. | \$120.00 | \$285.67 | \$624.07 | 9 |
| 30.10 M | Colored Concrete (6" Thick) (Imprinted) | 1-200 | S.Y. | \$140.00 | \$184.20 | \$210.00 | 7 |
| 40.04 M | Tack Coat | >1 | Ton | \$850.00 | \$870.00 | \$890.00 | 2 |
| 40.06 M | A.C. Pavement (Class A) | 1-500 | Ton | \$159.25 | \$192.85 | \$320.00 | 13 |
| 40.06 M | A.C. Pavement (Class A) | > 500 | Ton | \$110.00 | \$149.16 | \$250.00 | 14 |
| 40.06 M | A.C. Pavement (Class D) | 1-100 | Ton | \$335.00 | \$417.50 | \$500.00 | 2 |
| 40.06 M | A.C. Pavement (Class D) | > 500 | Ton | \$95.00 | \$121.98 | \$147.00 | 9 |
| 40.06 M | A.C. Pavement (Class E) | 1-100 | Ton | \$132.58 | \$185.43 | \$280.00 | 6 |
| 40.06 M | A.C. Pavement (Class E) | 101-500 | Ton | \$105.50 | \$141.39 | \$200.00 | 11 |
| 40.06 M | A.C. Pavement (Class E) | > 500 | Ton | \$95.00 | \$120.98 | \$250.00 | 45 |
| 40.06 SP | A.C. Pavement, Temporary (Class E) | 1-500 | Ton | \$110.00 | \$163.33 | \$250.00 | 3 |
| 40.06 SP | A.C. Pavement, Temporary (Class E) | 1-10,000 | S.Y. | \$108.00 | \$128.04 | \$180.00 | 7 |
| 40.08 M | Furnish and Install R.A.P. | 1-100 | Ton | \$30.00 | \$35.00 | \$45.00 | 4 |
| 40.10 M | Pavement Rotomilling | 1-20,000 | S.Y. | \$4.26 | \$4.75 | \$5.00 | 3 |
| 40.10 M | Pavement Rotomilling | > 20,000 | S.Y. | \$1.50 | \$3.15 | \$4.00 | 7 |
| 40.11 M | R \& R Existing A.C. (Class E) | 1-5000 | S.Y. | \$44.00 | \$55.75 | \$70.00 | 4 |
| 40.12 M | Asphalt Reclamation | > 500 | S.Y. | \$1.40 | \$4.31 | \$10.00 | 23 |


| Spec \# Work Description |  | Quantities | Units <br> EA. | Low Bid$\$ 7,000.00$ | Average Bid <br> \$7,596.08 | High Bid \# Bids |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40.99 SP | Speed Hump, Permanent Asphalt (13') | 1-100 |  |  |  | \$8,780.39 | 5 |
| 50.03 M | Construct Sanitary Sewer Manhole (Type A, Standard Depth) | 1-10 | EA. | \$6,370.00 | \$8,842.50 | \$11,000.00 | 4 |
| 50.04 M | Water Tight Manhole Frame and Cover | 1-10 | EA. | \$2,000.00 | \$6,637.24 | \$14,000.00 | 7 |
| 50.06 M | Remove and Replace Valve Box Top Section | 1 | EA | \$100.00 | \$795.19 | \$2,000.00 | 48 |
| 50.06 M | Remove and Replace Manhole Cover and Frame | 1 | EA | \$1,000.00 | \$1,548.41 | \$2,500.00 | 3 |
| 50.06 M | Remove and Replace Manhole Grade Rings | 1 | EA | \$350.00 | \$997.72 | \$2,500.00 | 41 |
| 50.10 M | Sanitary Sewer Service Connnect (6") | 1-100 | EA. | \$125.00 | \$235.70 | \$312.87 | 7 |
| 50.10 SP | Disconnect/Reconnect Existing Sewer Service | 1-20 | EA. | \$1,400.00 | \$5,308.08 | \$10,098.47 | 6 |
| 50.16 M | Remove and Replace Manhole Cone Section | 1-10 | EA | \$1,000.00 | \$2,904.77 | \$5,584.83 | 10 |
| 50.21 M | Adjust Sewer Cleanout to Finish Grade | 1-20 | EA | \$150.00 | \$772.96 | \$1,500.00 | 10 |
| 55.02 M | Furnish and Install 10" CPEP, Type S | 1-1000 | L.F. | \$17.24 | \$76.24 | \$200.00 | 19 |
| 55.02 M | Furnish, Install and Televise 12" CPEP, Type S | 1-100 | L.F. | \$18.61 | \$69.94 | \$150.00 | 10 |
| 55.02 M | Furnish, Install and Televise 12" CPEP, Type S | > 100 | L.F. | \$13.25 | \$54.64 | \$115.00 | 22 |
| 55.02 M | Furnish, Install and Televise 15" CPEP, Type S | 1-100 | L.F. | \$30.00 | \$99.33 | \$175.00 | 6 |
| 55.02 M | Furnish, Install and Televise 15" CPEP Type S | > 100 | L.F. | \$20.75 | \$51.63 | \$84.00 | 7 |
| 55.02 M | Furnish, Install and Televise 18" CPEP, Type S | > 100 | L.F. | \$22.00 | \$75.25 | \$200.00 | 17 |
| 55.02 M | Furnish, Install and Televise 24" CPEP, Type S | 1-100 | L.F. | \$109.25 | \$163.56 | \$250.00 | 4 |
| 55.02 M | Furnish, Install and Televise 30" CPEP Type S | 1-10,000 | L.F. | \$105.00 | \$140.17 | \$204.00 | 6 |
| 55.02 M | Furnish, Install and Televise 48" CPEP, Type S | 1-10,000 | L.F. | \$115.00 | \$182.17 | \$240.00 | 6 |
| 55.02 M | Furnish, Install and Televise 60" CPEP Storm | 1-10,000 | LF | \$225.00 | \$314.17 | \$395.00 | 6 |
| 55.03 M | F\&I Subdrain w/Geotextile (12" CPEP, Class C Filter) | 1-500 | L.F. | \$52.00 | \$87.83 | \$125.00 | 6 |
| 55.03 M | F\&I Subdrain w/Geotextile (12" CPEP, Class C Filter) | > 500 | L.F. | \$50.00 | \$74.86 | \$135.00 | 7 |
| 55.03 M | F\&I Subdrain w/Geotextile (18" CPEP, Class B Filter) | 1-1000 | L.F. | \$112.54 | \$190.64 | \$250.00 | 4 |
| 55.03 M | F\&I Subdrain w/Geotextile (18" CPEP, Class C Filter) | > 500 | L.F. | \$55.00 | \$94.57 | \$170.00 | 7 |
| 55.04 M | Connect to Existing Storm Drain Manholes | 1-50 | EA. | \$500.00 | \$3,330.64 | \$7,500.00 | 15 |
| 55.05 M | Construct Type I Manhole | 1-25 | EA. | \$4,500.00 | \$7,080.07 | \$15,000.00 | 35 |
| 55.05 M | Construct Type I Catch Basin/Manhole | 1-20 | EA. | \$4,500.00 | \$7,380.47 | \$12,861.14 | 13 |
| 55.05 M | Construct Type II Manhole | 1-25 | EA. | \$8,000.00 | \$11,197.51 | \$17,450.42 | 14 |
| 55.05 M | Construct Type II Catch Basin/Manhole | 1-25 | EA. | \$8,730.00 | \$11,028.01 | \$15,447.10 | 9 |
| 55.05 M | Construct (Type III, 96-inch) Manhole | 1-20 | EA. | \$13,500.00 | \$19,128.22 | \$30,000.00 | 14 |


| Spec \# | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 55.05 M | Additional Depth to (Type III, 96-inch) Manhole | 1-20 | L.F. | \$575.00 | \$840.00 | \$1,000.00 | 5 |
| 55.07 M | Adjust Storm Drain Manhole Cone | 1-20 | EA. | \$830.00 | \$2,891.21 | \$5,000.00 | 9 |
| 55.08 M | Adjust Storm Drain Manhole Ring | 1-20 | EA. | \$275.00 | \$941.52 | \$2,100.00 | 40 |
| 55.09 M | Construct Catch Basin | 1-5 | EA. | \$3,400.00 | \$6,040.78 | \$9,000.00 | 14 |
| 55.09 M | Construct Catch Basin | > 5 | EA. | \$2,975.00 | \$5,013.04 | \$9,071.90 | 24 |
| 55.10 M | Relocate Catch Basin | 1-20 | EA. | \$1,600.00 | \$4,512.07 | \$9,000.00 | 8 |
| 55.11 M | Remove Manhole | 1-25 | EA. | \$500.00 | \$1,153.64 | \$3,000.00 | 22 |
| 55.11 M | Remove Catch Basin | 1-20 | EA. | \$500.00 | \$1,097.55 | \$3,417.74 | 20 |
| 55.12 M | Adjust Catch Basin to Finish Grade | 1-20 | EA. | \$335.00 | \$818.32 | \$1,237.58 | 15 |
| 55.13 M | Abandon Existing Catch Basin Lead | 1-20 | EA. | \$600.00 | \$2,276.67 | \$5,000.00 | 6 |
| 55.18 M | Construct Footing Drain Service | 1-50 | EA. | \$1,020.40 | \$1,820.80 | \$2,700.00 | 15 |
| 55.20 M | F \& I Culvert w/End Sections 18" CPEP | 1-100 | L.F. | \$126.00 | \$250.33 | \$425.00 | 3 |
| 55.22 M | Install Oil and Grit Separator (Stormceptor STC 450i) | 1 | EA | \$22,740.99 | \$29,063.00 | \$40,000.00 | 7 |
| 55.26 SP | Furnish and Install CIPP Liner (18-inch) | 1-1000 | L.F. | \$170.00 | \$178.33 | \$190.00 | 3 |
| 55.99 SP | Bypass Storm Flow | 1 | LS | \$10,000.00 | \$28,040.17 | \$60,000.00 | 6 |
| 60.04 M | Furnish and Install Fire Hydrant Assembly (Single Pumper) | 1-10 | EA. | \$7,330.00 | \$14,048.73 | \$21,000.00 | 13 |
| 60.11 M | Replace Valve Box Top Section | 1-50 | EA. | \$400.00 | \$666.06 | \$1,000.00 | 4 |
| 60.15 M | Relocate Water Main | 1-10 | EA. | \$3,800.00 | \$10,229.17 | \$14,000.00 | 6 |
| 60.19 M | Adjust Key Box | 1-20 | EA. | \$154.00 | \$453.09 | \$1,000.00 | 7 |
| 60.20 M | Adjust Valve Box to Finish Grade | 1-20 | EA. | \$247.53 | \$633.29 | \$1,500.00 | 11 |
| 65.02 M | Construction Survey Measurement | 1 | L.S. | \$2,500.00 | \$23,592.73 | \$100,000.00 | 76 |
| 65.02 M | 2 Person Survey Crew | 1-100 | HR. | \$50.00 | \$246.60 | \$419.23 | 50 |
| 70.02 M | Adjust Gas Valve Key Box to Finish Grade | 1-10 | EA. | \$150.00 | \$505.00 | \$1,000.00 | 6 |
| 70.04 M | Adjust Electrical Manhole | 1-20 | EA. | \$8,000.00 | \$9,037.13 | \$10,611.39 | 3 |
| 70.04 M | Adjust Telephone Manhole | 1-20 | EA. | \$8,000.00 | \$9,037.13 | \$10,611.39 | 3 |
| 70.07 M | Remove Pipe | 1-1000 | L.F. | \$10.00 | \$21.15 | \$36.19 | 16 |
| 70.07 M | Remove Pipe | > 1000 | L.F. | \$3.00 | \$12.06 | \$30.00 | 12 |
| 70.08 M | Remove and Reset Fence | > 100 | L.F. | \$30.00 | \$67.20 | \$445.00 | 25 |
| 70.08 SP | Remove Gate | 1-5 | EA. | \$1,600.00 | \$1,930.72 | \$2,655.01 | 7 |
| 70.08 SP | Remove Fence | 1-5,000 | LF | \$8.00 | \$10.05 | \$18.52 | 7 |


| Spec \# Work Description |  | Quantities | Units <br> EA. | Low Bid$\$ 765.00$ | Average Bid <br> $\$ 882.50$ | High Bid \# Bids |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 70.09 M | Remove and Reset Parking Meter | 1-10 |  |  |  | \$1,000.00 | 2 |
| 70.10 M | Traffic Markings (4" Solid White) | 1-10,000 | L.F. | \$3.50 | \$6.88 | \$13.00 | 7 |
| 70.10 M | Traffic Markings (Methylemethacrylate, 4" Yellow ) | 1-10,000 | L.F. | \$25.00 | \$31.00 | \$37.00 | 2 |
| 70.10 M | Traffic Markings (Methylemethacrylate, 4" White ) | 1-10,000 | L.F. | \$25.00 | \$31.00 | \$37.00 | 2 |
| 70.10 M | Traffic Markings (Methylemethacrylate, Curb Nose ) | 1-20 | EA. | \$100.00 | \$300.31 | \$560.00 | 10 |
| 70.10 ? | Traffic Markings ( 4" Solid Yellow) | 1-1000 | L.F. | \$3.50 | \$6.88 | \$13.00 | 7 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 4" White ) | 1-10,000 | L.F. | \$2.00 | \$4.14 | \$12.14 | 32 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 4" Yellow) | 1-100 | L.F. | \$3.75 | \$8.95 | \$12.04 | 4 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 4" Yellow) | > 100 | L.F. | \$2.00 | \$3.50 | \$8.25 | 35 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 8" White | 1-5000 | L.F. | \$4.25 | \$9.38 | \$40.00 | 33 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 18" Yellow) | 1-1,000 | L.F. | \$10.00 | \$18.70 | \$51.74 | 29 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 24" White) | 1-1,000 | L.F. | \$12.00 | \$28.17 | \$70.00 | 39 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, 24" White) | > 1,000 | L.F. | \$7.00 | \$19.06 | \$34.67 | 6 |
| 70.10 M | Inlaid Traffic Markings (Methylemethacrylate, Words and Symbol | 1-100 | EA | \$225.00 | \$529.30 | \$1,020.00 | 18 |
| 70.10 M | Inlaid Traffic Markings (Paint, Letters and Symbols, 250 mil) | 1-10 | EA | \$200.00 | \$784.18 | \$1,000.00 | 8 |
| 70.10 M | Inlaid Traffic Markings (Paint, Letters and Symbols, 250 mil) | > 10 | EA | \$200.00 | \$481.62 | \$868.32 | 10 |
| 70.11 M | Standard Sign | 1-100 | S.F. | \$50.00 | \$90.38 | \$170.00 | 18 |
| 70.11 M | Standard Signs | > 100 | S.F. | \$55.00 | \$92.42 | \$130.00 | 49 |
| 70.11 M | Remove and Relocate Sign | 1-5 | EA. | \$285.00 | \$563.09 | \$1,020.06 | 12 |
| 70.11 M | Remove and Relocate Sign | > 5 | EA. | \$80.00 | \$98.82 | \$120.00 | 7 |
| 70.11 SP | Remove Sign Assembly | 1-100 | EA. | \$70.00 | \$92.26 | \$106.78 | 3 |
| 70.11 SP | Salvage Sign | 1-50 | EA. | \$45.00 | \$89.67 | \$200.00 | 30 |
| 70.11 SP | Salvage Sign | > 50 | EA. | \$50.00 | \$83.56 | \$120.00 | 5 |
| 70.12 M | Traffic Maintenance | 1 | L.S. | \$1,000.00 | \$122,522.19 | \$800,000.00 | 74 |
| 70.13 M | Bollard (Wood) | > 5 | EA. | \$475.00 | \$499.92 | \$547.46 | 7 |
| 70.13 M | Bollard (Steel) | 1-100 | EA. | \$1,500.00 | \$1,565.53 | \$1,778.74 | 7 |
| 70.13 M | Remove Bollard | 1-50 | EA. | \$28.00 | \$270.59 | \$1,000.00 | 7 |
| 70.13 M | Remove and Reset Bollard | 1-50 | EA. | \$400.00 | \$687.72 | \$1,370.00 | 8 |
| 70.14 SP | Remove and Reset Guardrail | 1-5000 | L.F. | \$1.00 | \$1.55 | \$2.00 | 4 |
| 70.15 M | Guardrail | > 100 | L.F. | \$27.50 | \$30.78 | \$34.60 | 4 |


| Spec \# | Work Description Qu | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 70.15 SP | Guardrail Terminal End | 1-50 | EA | \$2,650.00 | \$3,113.25 | \$3,753.00 | 4 |
| 70.16 M | Temporary Group Mailboxes | 1 | L.S. | \$400.00 | \$3,432.48 | \$5,000.00 | 7 |
| 70.17 M | Relocate Mailbox | 1-10 | EA. | \$350.00 | \$919.16 | \$1,925.80 | 11 |
| 70.17 M | Relocate Mailbox | > 10 | EA. | \$80.00 | \$645.12 | \$1,120.00 | 13 |
| 70.17 SP | Remove Mailbox | 1-100 | EA. | \$400.00 | \$868.44 | \$1,446.05 | 10 |
| 70.18 M | F \& I Chain Link Fence 6' (9 Gage) | 1-100 | L.F. | \$48.00 | \$51.49 | \$62.42 | 7 |
| 75.02 M | Perennials, Hemerocaillis 'Stella D' Oro' Daylily' | 1-500 | EA. | \$50.00 | \$53.00 | \$55.00 | 3 |
| 75.02 M | Perennials, Iris setosa 'Blue Flag Iris' | 1-500 | EA. | \$50.00 | \$53.00 | \$55.00 | 3 |
| 75.02 M | Shrubs, Cornus alba 'Ivory Halo Dogwood' 36" Ht. | 1-100 | EA. | \$75.00 | \$80.33 | \$84.00 | 3 |
| 75.02 M | Shrubs, Cotoneaster lucidus 'Peking Cotoneaster', 24" Ht. | 1-100 | EA. | \$50.00 | \$68.67 | \$80.00 | 6 |
| 75.02 M | Shrubs, Juniperus horizontalis 'Blue Chip Creeping Juniper' 18"- | "- 1 1-100 | EA. | \$75.00 | \$80.33 | \$84.00 | 3 |
| 75.02 M | Shrubs, Pinus mugo pumilio 'Pumilio Mugo Pine' | 1-100 | EA. | \$75.00 | \$103.33 | \$125.00 | 6 |
| 75.02 M | Shrubs, Ribes alpinum 'Alpine Currant' 24 " Ht | 1-100 | EA. | \$50.00 | \$83.17 | \$105.00 | 6 |
| 75.02 M | Shrubs, Rosa acicularis 'Prickly Rose' 24" Ht | 1-100 | EA. | \$60.00 | \$80.94 | \$138.55 | 7 |
| 75.02 M | Shrubs, Spiraea japonica 'Little Princess', 15"-18" Ht. | 1-100 | EA. | \$60.00 | \$72.77 | \$102.00 | 7 |
| 75.02 M | Shrubs, Spiraea X bumalda 'Goldflame' (Goldflame Spiraea) 18"- | 8"- 1 1-100 | EA. | \$50.00 | \$79.89 | \$100.00 | 9 |
| 75.02 M | Shrubs, Viburnum edule 'High Bush Cranberry', 36" Ht. | 1-100 | EA. | \$53.00 | \$90.50 | \$115.00 | 6 |
| 75.02 M | Shrubs, Viburnum opulus 'High Bush Cranberry' 36" Ht. | 1-100 | EA. | \$65.00 | \$77.60 | \$104.22 | 7 |
| 75.02 M | Trees, Acer rubrum 'Autumn Spire' 2" Cal. | 1-100 | EA. | \$594.00 | \$860.00 | \$1,100.00 | 6 |
| 75.02 M | Trees, Betula papyrifera 2" Cal. (Paper Birch) | 1-100 | EA. | \$420.00 | \$664.17 | \$850.00 | 6 |
| 75.02 M | Trees, Betula pendula (Weeping Birch) 2" Cal. | 1-100 | EA. | \$750.00 | \$841.24 | \$1,010.66 | 7 |
| 75.02 M | Trees, Malus royalty 'Crabapple' 2" Caliper | 1-100 | EA. | \$450.00 | \$659.00 | \$850.00 | 6 |
| 75.02 M | Trees, Malus x 'Spring Snow' ${ }^{\text {" }}$ Cal | 1-100 | EA. | \$450.00 | \$659.00 | \$850.00 | 6 |
| 75.02 M | Trees, Pinus contorta Latfolia (Lodgepole Pine) 8' Ht. | 1-100 | EA. | \$670.00 | \$812.62 | \$1,169.08 | 13 |
| 75.02 M | Trees, Quercus macrophlla 'White Oak' 2" Cal. | 1-100 | EA. | \$594.00 | \$781.17 | \$950.00 | 6 |
| 75.02 M | Trees, Syringa reticulata 'Japanese Ivory Silk Lilac' 2" Cal. | 1-100 | EA. | \$450.00 | \$665.67 | \$850.00 | 6 |
| 75.02 SP | Mulch, Shredded Bark, 3" Depth | 1-500 | S.Y. | \$10.00 | \$11.58 | \$13.00 | 6 |
| 75.02 SP | Mulch, Rock | 1-100 | C.Y. | \$63.00 | \$110.04 | \$153.00 | 7 |
| 75.02 SP | Root Pruning | 1-500 | L.F. | \$7.80 | \$20.85 | \$68.00 | 13 |
| 75.02 SP | Tree/Vegetation Protection Zone Fencing | 1-10,000 | L.F | \$6.00 | \$10.37 | \$17.00 | 13 |


| Spec \# | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 75.03 M | Topsoil, 4" | 1-50 | MSF | \$374.87 | \$1,213.76 | \$4,600.00 | 41 |
| 75.03 M | Topsoil, 12" | 0-100 | MSF | \$2,000.00 | \$2,116.67 | \$2,200.00 | 3 |
| 75.04 M | Seeding (Schedule A) | 0-2 | MSF | \$1,000.00 | \$3,129.48 | \$5,300.00 | 8 |
| 75.04 M | Seeding (Schedule A) | 2-25 | MSF | \$140.00 | \$418.14 | \$1,186.37 | 31 |
| 75.04 M | Seeding (Schedule B) | 0-50 | MSF | \$273.00 | \$430.91 | \$900.00 | 7 |
| 75.05 M | Sod | 0-1 | MSF | \$3,000.00 | \$3,050.00 | \$3,100.00 | 3 |
| 75.06 M | F \& I Landscape Edging (Aluminum) | 1-500 | L.F. | \$8.50 | \$10.57 | \$14.72 | 7 |
| 75.06 SP | F \& I Landscape Edging, Plastic Landscaping | 1-1000 | L.F. | \$6.60 | \$11.85 | \$16.00 | 6 |
| 75.11 SP | Relocate Boulder | 1-200 | EA. | \$250.00 | \$285.83 | \$350.00 | 6 |
| 75.99 SP | Moose Protection Fence | 1-1,000 | LF | \$8.00 | \$11.61 | \$22.00 | 13 |
| 80.01 M | Temporary Illumination | 1 | L.S. | \$9,920.00 | \$38,209.75 | \$77,711.76 | 13 |
| 80.01 M | Temporary Signal System | 1 | L.S. | \$31,120.47 | \$167,390.06 | \$315,000.00 | 8 |
| 80.02 M | Trench and Backfill (2' x 3') | 1-1000 | L.F. | \$12.50 | \$32.84 | \$70.70 | 22 |
| 80.02 M | Trench and Backfill (2' x 3') | > 1000 | L.F. | \$9.50 | \$14.14 | \$26.00 | 24 |
| 80.04 M | Load Center Foundation (Type 1A) | 1-5 | EA. | \$3,150.00 | \$5,395.33 | \$7,430.00 | 32 |
| 80.04 M | Controller Cabinet Foundation (Type TS2) | 1-5 | EA | \$5,000.00 | \$8,723.49 | \$16,300.00 | 8 |
| 80.04 M | Cast-In-Place Luminaire Pole Foundations | 1-50 | EA. | \$2,000.00 | \$2,857.11 | \$4,300.00 | 10 |
| 80.04 M | Driven Pile Luminaire Pole Foundations | 1-5 | EA. | \$1,600.00 | \$2,226.29 | \$4,800.00 | 17 |
| 80.04 M | Driven Pile Luminaire Pole Foundations | >5 | EA. | \$1,225.00 | \$2,000.91 | \$2,667.69 | 14 |
| 80.04 SP | Driven Pile Pedestrian Light Pole Foundation | 1-10 | EA. | \$1,600.00 | \$2,837.19 | \$5,400.00 | 5 |
| 80.04 M | Signal Mast Arm Pole Foundation | 1-10 | EA. | \$9,200.00 | \$12,623.92 | \$15,600.00 | 6 |
| 80.04 M | Pedestrian Pushbutton Pole Foundation | 1-10 | EA. | \$4,050.00 | \$4,662.60 | \$5,737.81 | 3 |
| 80.05 M | Luminaire Pole, Fixed Base 27 ft . | 1-50 | EA | \$3,000.00 | \$3,952.69 | \$4,973.11 | 20 |
| 80.05 M | Luminaire Pole, Fixed Base 30 ft . | 1-50 | EA. | \$3,200.00 | \$4,289.91 | \$5,600.00 | 10 |
| 80.05 M | Combination Signal/Luminaire Pole (30' Mount Ht.) | 1-20 | EA. | \$16,500.00 | \$17,333.33 | \$18,500.00 | 3 |
| 80.05 M | Combination Signal/Luminaire Pole (35' Mount Ht.) | 1-20 | EA. | \$15,000.00 | \$16,235.67 | \$18,707.01 | 3 |
| 80.05 M | Signal Pole, Breakaway | 1-10 | EA. | \$5,000.00 | \$6,017.92 | \$7,000.00 | 5 |
| 80.05 M | Signal Pedestal Pole, Slip Base | 1-20 | EA. | \$3,600.00 | \$4,521.95 | \$6,300.00 | 4 |
| 80.06 M | Luminaire Arm, 6' Length | 1-50 | EA. | \$300.00 | \$341.63 | \$489.04 | 8 |
| 80.06 M | Luminaire Arm, 8' Length | 1-50 | EA. | \$400.00 | \$503.97 | \$700.00 | 7 |


| Spec | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80.06 N | Luminaire Arm, 12' Length | 1-50 | EA. | \$750.00 | \$800.00 | \$850.00 | 3 |
| 80.06 N | Luminaire Arm, 15' Length | 1-50 | EA. | \$780.00 | \$959.71 | \$1,804.34 | 16 |
| 80.06 M | Signal Mast Arm, 35' Length | 1-20 | EA. | \$7,500.00 | \$8,000.00 | \$8,500.00 | 3 |
| 80.06 N | Signal Mast Arm, 40' Length | 1-20 | EA. | \$6,000.00 | \$7,406.17 | \$9,718.51 | 3 |
| 80.06 N | Signal Mast Arm, 45' Length | 1-20 | EA. | \$7,500.00 | \$10,707.93 | \$13,700.00 | 6 |
| 80.06 N | Signal Mast Arm, 53' Length | 1-20 | EA. | \$10,000.00 | \$11,379.67 | \$12,759.34 | 2 |
| 80.06 N | Signal Mast Arm, 55' Length | 1-20 | EA. | \$15,000.00 | \$15,933.33 | \$16,800.00 | 3 |
| 80.07 N | 3/4" Steel Conduit (GRC) | 1-5000 | L.F. | \$18.00 | \$21.74 | \$26.00 | 7 |
| 80.07 N | 2" Steel Conduit (GRSC) | 1-100 | L.F. | \$55.00 | \$59.51 | \$63.00 | 4 |
| 80.07 M | 2" Steel Conduit (GRSC) | 100-5000 | L.F. | \$13.50 | \$27.87 | \$60.00 | 41 |
| 80.07 N | 2" Steel Conduit (GRSC) | > 5000 | L.F. | \$36.00 | \$36.67 | \$38.00 | 3 |
| 80.07 M | 3" Steel Conduit (GRSC) | 10-1000 | L.F. | \$45.00 | \$78.94 | \$169.00 | 5 |
| 80.07 N | 3" Steel Conduit (GRSC) | > 1000 | L.F. | \$50.00 | \$55.10 | \$60.00 | 6 |
| 80.07 S | Liquid Tight Flex Conduit (1") | > 200 | LF | \$25.00 | \$25.33 | \$26.00 | 3 |
| 80.08 N | Junction Box (Type IA) | 1-50 | EA. | \$500.00 | \$1,142.25 | \$2,592.59 | 49 |
| 80.08 N | Junction Box (Type IA) | Over 50 | EA. | \$1,400.00 | \$1,466.67 | \$1,500.00 | 3 |
| 80.08 N | Junction Box (Type II) | 1-50 | EA. | \$1,805.00 | \$2,430.49 | \$3,500.00 | 33 |
| 80.08 N | Junction Box (Type III) | 1-50 | EA. | \$3,000.00 | \$4,062.08 | \$5,090.07 | 11 |
| 80.08 N | Adjust Junction Box to Finish Grade | 1-20 | EA. | \$2,500.00 | \$2,583.51 | \$2,750.52 | 3 |
| 80.08 N | Junction Box Extension | 1-20 | EA | \$1,800.00 | \$1,918.87 | \$2,000.00 | 3 |
| 80.08 M | Remove Junction Box | 1-50 | EA. | \$230.00 | \$556.13 | \$1,153.39 | 22 |
| 80.10 N | Conductor, 1C \#10 AWG XHHW-2 Cable | 1-5000 | L.F. | \$1.75 | \$3.10 | \$4.60 | 10 |
| 80.10 N | Conductor, 3C \#10 AWG Type XHHW-2 Cable | 1-5000 | L.F. | \$7.00 | \$8.05 | \$11.00 | 14 |
| 80.10 N | Conductor, 3C \#12 AWG XHHW-2 Cable | 1-5000 | L.F. | \$8.30 | \$8.65 | \$9.00 | 2 |
| 80.10 M | Conductor, 3C \#14 AWG IMSA 20-1 Cable | 1-5000 | L.F. | \$3.00 | \$4.11 | \$5.51 | 11 |
| 80.10 N | Conductor, 3C \#20 AWG Opticom Cable | 1-5000 | L.F. | \$3.50 | \$4.03 | \$6.06 | 6 |
| 80.10 N | Conductor, 3C \#4 AWG XHHW | 1-5000 | L.F. | \$16.00 | \$16.42 | \$17.25 | 3 |
| 80.10 N | Conductor, 3C \#6 AWG XHHW-2 Cable | 1-5000 | L.F. | \$7.00 | \$13.01 | \$25.02 | 3 |
| 80.10 N | Conductor, 3C \#6 AWG XHHW-2 Cable | > 5000 | L.F. | \$8.00 | \$9.22 | \$10.50 | 6 |
| 80.10 N | Conductor, 3C \#8 AWG XHHW-2 Cable | 1-5000 | L.F. | \$4.00 | \$8.04 | \$17.00 | 36 |


| Spec \# | Work Description | Quantities | Units | Low Bid | Average Bid | High Bid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80.10 M | Conductor, 5C \#14 AWG IMSA 20-1 Cable | 1-5000 | L.F. | \$4.00 | \$4.99 | \$7.08 | 11 |
| 80.10 M | Conductor, 7 PR \#18 AWG | 1-5000 | L.F. | \$6.00 | \$6.60 | \$7.80 | 3 |
| 80.10 M | Conductor, 7C \#14 AWG IMSA 20-1 Cable | 1-5000 | L.F. | \$4.00 | \$5.02 | \$6.15 | 10 |
| 80.10 M | Conductor, 25 PR \#19 AWG Interconnect Cable | 1-5000 | L.F. | \$10.00 | \$11.47 | \$14.33 | 6 |
| 80.14 M | Single Meter Pad-Mount Load Center, Type I | 1-5 | EA. | \$15,000.00 | \$15,666.67 | \$16,000.00 | 3 |
| 80.14 M | Single Meter Pad-Mount Load Center, Type IA | $1-5$ | EA. | \$3,820.00 | \$6,513.32 | \$10,500.00 | 23 |
| 80.14 SP | Remove Load Center | 1-5 | EA. | \$1,300.00 | \$1,646.78 | \$2,330.67 | 6 |
| 80.18 M | Install Loop Detector, New Work | 1-50 | EA. | \$1,400.00 | \$3,329.55 | \$10,279.27 | 13 |
| 80.18 ? | SEE GLENDA (Opticom 721) | 1-5 | EA. | \$2,500.00 | \$2,924.30 | \$3,772.89 | 3 |
| 80.18 M | Install Optical Preemption Detector (All Types) | 1-10 | EA. | \$2,250.00 | \$2,400.00 | \$2,500.00 | 3 |
| 80.19 M | 12" 3-Face LED Signal Head, Overhead Mount | 1-20 | EA. | \$2,300.00 | \$2,573.11 | \$2,988.63 | 6 |
| 80.19 M | 12" 4-Face LED Signal Head, Side Mount | 1-20 | EA. | \$2,500.00 | \$2,852.14 | \$3,356.42 | 3 |
| 80.20 M | Pedestrian Signal Head | 1-10 | EA. | \$1,000.00 | \$1,294.36 | \$1,741.17 | 6 |
| 80.21 M | Pedestrian Pushbutton Assembly | 1-10 | EA. | \$1,000.00 | \$1,177.55 | \$1,432.64 | 3 |
| 80.21 SP | Relocate Pedestrian Pushbutton Assembly | 1-50 | EA | \$500.00 | \$651.60 | \$954.80 | 3 |
| 80.23 M | Luminaire, 160 LED Type III M | 1-50 | EA | \$575.00 | \$900.50 | \$1,500.00 | 7 |
| 80.23 M | Luminaire, 40 LED Type II Med Cutoff | 1-50 | EA | \$400.00 | \$762.67 | \$1,300.00 | 7 |
| 80.23 M | Luminaire, 80 LED, Type III, Full Cutoff | 1-10 | EA | \$550.00 | \$971.90 | \$1,800.00 | 7 |
| 80.23 M | Luminaire (60 LED, Medium, Type 2) | 1 | EA | \$575.00 | \$909.36 | \$1,500.00 | 7 |
| 80.28 M | Remove Luminaire Pole | 1-50 | EA. | \$855.00 | \$1,200.56 | \$2,000.00 | 7 |
| 80.28 M | Remove Signal Combination Pole or Mast Arm | 1-10 | EA. | \$3,600.00 | \$4,452.86 | \$5,700.00 | 6 |

