

Christopher B. Burke Engineering
 9575 W. Higgins Road Suite 600
 Rosemont, IL 60018

Calculated By: JEH
 Checked By: LMF

VILLAGE OF ALGONQUIN
 CBBEL PROJECT #: 07-0273.00088
 VILLAGE PROJECT #: 15-04-16A
 TERRACE HILL ROADWAY REHABILITATION

ENGINEER'S OPINION OF PROBABLE COST - BASE BID
 DATE: October 23, 2019

BASE BID:

| PAY ITEM NUMBER | PAY ITEM NAME | UNIT OF MEASURE | UNIT PRICE | ENGINEER'S ESTIMATE | | PLOTE CONSTRUCTION, INC. | | ALAMP CONCRETE CONTRACTORS, INC. | | COPENHAVER CONSTRUCTION, INC. | | MARTAM CONSTRUCTION, INC. | | ORANGE CRUSH, LLC | |
|-----------------|---|-----------------|------------|---------------------|--------------|--------------------------|---------------|----------------------------------|---------------|-------------------------------|---------------|---------------------------|---------------|-------------------|---------------|
| | | | | TOTAL QUANTITY | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | \$37.00 | 571 | \$21,127.00 | 12 | \$ 6,852.00 | 20 | \$ 11,420.00 | 21 | \$ 11,991.00 | 14 | \$ 7,994.00 | 13.2 | \$ 7,537.20 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | \$40.00 | 370 | \$14,800.00 | 16 | \$ 5,920.00 | 31 | \$ 11,470.00 | 31 | \$ 11,470.00 | 19 | \$ 7,030.00 | 18 | \$ 6,660.00 |
| 20101000 | TEMPORARY FENCE | FOOT | \$9.00 | 300 | \$2,700.00 | 4.5 | \$ 1,350.00 | 1 | \$ 300.00 | 3 | \$ 900.00 | 5.2 | \$ 1,560.00 | 2.2 | \$ 660.00 |
| 20101100 | TREE TRUNK PROTECTION | EACH | \$130.00 | 200 | \$26,000.00 | 20 | \$ 4,000.00 | 50 | \$ 10,000.00 | 70 | \$ 14,000.00 | 100 | \$ 20,000.00 | 94 | \$ 18,800.00 |
| 20101200 | TREE ROOT PRUNING | EACH | \$175.00 | 200 | \$35,000.00 | 125 | \$ 25,000.00 | 50 | \$ 10,000.00 | 30 | \$ 6,000.00 | 155 | \$ 31,000.00 | 140 | \$ 28,000.00 |
| 20200100 | EARTH EXCAVATION | CU YD | \$35.00 | 2993 | \$104,755.00 | 15 | \$ 44,895.00 | 33.75 | \$ 101,013.75 | 25 | \$ 74,825.00 | 34 | \$ 101,762.00 | 35 | \$ 104,755.00 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | \$40.00 | 865 | \$34,600.00 | 70 | \$ 60,550.00 | 15 | \$ 12,975.00 | 25 | \$ 21,625.00 | 34 | \$ 29,410.00 | 26 | \$ 22,490.00 |
| 20300100 | CHANNEL EXCAVATION | CU YD | \$25.00 | 2216 | \$55,400.00 | 35 | \$ 77,560.00 | 65 | \$ 144,040.00 | 38 | \$ 84,208.00 | 68 | \$ 150,688.00 | 108 | \$ 239,328.00 |
| 20400800 | FURNISHED EXCAVATION | CU YD | \$40.00 | 2107 | \$84,280.00 | 25 | \$ 52,675.00 | 35 | \$ 73,745.00 | 10 | \$ 21,070.00 | 17 | \$ 35,819.00 | 32 | \$ 67,424.00 |
| 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | \$40.00 | 395 | \$15,800.00 | 55 | \$ 21,725.00 | 15 | \$ 5,925.00 | 37 | \$ 14,615.00 | 44 | \$ 17,380.00 | 53.75 | \$ 21,231.25 |
| 21101505 | TOPSOIL EXCAVATION AND PLACEMENT | CU YD | \$35.00 | 1142 | \$39,970.00 | 40 | \$ 45,680.00 | 10 | \$ 11,420.00 | 14 | \$ 15,988.00 | 21 | \$ 23,982.00 | 24.35 | \$ 27,807.70 |
| 21101625 | TOPSOIL FURNISH AND PLACE, 6" | SQ YD | \$6.00 | 12594 | \$75,564.00 | 8.35 | \$ 105,159.90 | 3 | \$ 37,782.00 | 4 | \$ 50,376.00 | 5 | \$ 62,970.00 | 6.6 | \$ 83,120.40 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | \$2.00 | 11568 | \$23,136.00 | 2.75 | \$ 31,812.00 | 3.15 | \$ 36,439.20 | 2 | \$ 23,136.00 | 2.85 | \$ 32,968.80 | 3.15 | \$ 36,439.20 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | \$4.00 | 20363 | \$81,452.00 | 3 | \$ 61,089.00 | 1 | \$ 20,363.00 | 2 | \$ 40,726.00 | 3 | \$ 61,089.00 | 2.2 | \$ 44,798.60 |
| 28000510 | INLET FILTERS | EACH | \$170.00 | 113 | \$19,210.00 | 150 | \$ 16,950.00 | 15 | \$ 1,695.00 | 40 | \$ 4,520.00 | 165 | \$ 18,645.00 | 165 | \$ 18,645.00 |
| 28100111 | STONE RIPRAP, CLASS A6 | SQ YD | \$100.00 | 315 | \$31,500.00 | 165 | \$ 51,975.00 | 80 | \$ 25,200.00 | 100 | \$ 31,500.00 | 122 | \$ 38,430.00 | 225 | \$ 70,875.00 |
| 28100201 | STONE RIPRAP, CLASS A1 | TON | \$50.00 | 50 | \$2,500.00 | 125 | \$ 6,250.00 | 110 | \$ 5,500.00 | 70 | \$ 3,500.00 | 55 | \$ 2,750.00 | 30 | \$ 1,500.00 |
| 28100207 | STONE RIPRAP, CLASS A4 | TON | \$65.00 | 125 | \$8,125.00 | 125 | \$ 15,625.00 | 165 | \$ 20,625.00 | 112 | \$ 14,000.00 | 89 | \$ 11,125.00 | 145 | \$ 18,125.00 |
| 28100209 | STONE RIPRAP, CLASS A5 | TON | \$65.00 | 37 | \$2,405.00 | 110 | \$ 4,070.00 | 275 | \$ 10,175.00 | 181 | \$ 6,697.00 | 410 | \$ 15,170.00 | 762 | \$ 28,194.00 |
| 28200200 | FILTER FABRIC | SQ YD | \$5.00 | 13 | \$65.00 | 35 | \$ 455.00 | 12.25 | \$ 159.25 | 15 | \$ 195.00 | 14 | \$ 182.00 | 12 | \$ 156.00 |
| 35101100 | AGGREGATE BASE COURSE, TYPE A 12" | SQ YD | \$25.00 | 3856 | \$96,400.00 | 16 | \$ 61,696.00 | 14.5 | \$ 53,912.00 | 15 | \$ 57,840.00 | 14 | \$ 53,984.00 | 15.5 | \$ 59,768.00 |
| 40603080 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | \$100.00 | 5390 | \$539,000.00 | 72 | \$ 388,080.00 | 75.5 | \$ 406,945.00 | 79 | \$ 425,810.00 | 79 | \$ 425,810.00 | 70 | \$ 377,300.00 |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | \$125.00 | 4791 | \$598,875.00 | 79 | \$ 378,489.00 | 82.5 | \$ 395,257.50 | 86 | \$ 412,026.00 | 93 | \$ 445,563.00 | 75 | \$ 359,325.00 |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SQ YD | \$70.00 | 211 | \$14,770.00 | 80 | \$ 16,880.00 | 80 | \$ 16,880.00 | 72 | \$ 15,192.00 | 71 | \$ 14,981.00 | 80 | \$ 16,880.00 |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT | \$15.00 | 2403 | \$36,045.00 | 8 | \$ 19,224.00 | 5.5 | \$ 13,216.50 | 7 | \$ 16,821.00 | 6 | \$ 14,418.00 | 5.15 | \$ 12,375.45 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | \$320.00 | 215 | \$68,800.00 | 30 | \$ 6,450.00 | 35 | \$ 7,525.00 | 30 | \$ 6,450.00 | 31 | \$ 6,665.00 | 38 | \$ 8,170.00 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | \$22.00 | 1770 | \$38,940.00 | 4.5 | \$ 7,965.00 | 14 | \$ 24,780.00 | 15 | \$ 26,550.00 | 18 | \$ 31,860.00 | 9.6 | \$ 16,992.00 |
| 44000165 | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | SQ YD | \$10.00 | 38920 | \$389,200.00 | 4.55 | \$ 177,086.00 | 4.4 | \$ 155,680.00 | 4.4 | \$ 171,248.00 | 3.95 | \$ 153,734.00 | 3.5 | \$ 136,220.00 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | \$20.00 | 212 | \$4,240.00 | 19 | \$ 4,028.00 | 12 | \$ 2,544.00 | 14 | \$ 2,968.00 | 18 | \$ 3,816.00 | 12.5 | \$ 2,650.00 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | \$10.00 | 13900 | \$139,000.00 | 3.95 | \$ 54,905.00 | 4.5 | \$ 62,550.00 | 5 | \$ 69,500.00 | 4.5 | \$ 62,550.00 | 9 | \$ 125,100.00 |
| 44000600 | SIDEWALK REMOVAL | SQ FT | \$3.00 | 3708 | \$11,124.00 | 1.95 | \$ 7,230.60 | 1.5 | \$ 5,562.00 | 2 | \$ 7,416.00 | 1 | \$ 3,708.00 | 2.15 | \$ 7,972.20 |
| 50102400 | CONCRETE REMOVAL | CU YD | \$5,000.00 | 1 | \$5,000.00 | 7500 | \$ 7,500.00 | 200 | \$ 2,000.00 | 700 | \$ 700.00 | 1520 | \$ 1,520.00 | 2400 | \$ 2,400.00 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | \$20.00 | 274 | \$5,480.00 | 36.75 | \$ 10,069.50 | 1 | \$ 274.00 | 15 | \$ 4,110.00 | 126 | \$ 34,524.00 | 105 | \$ 28,770.00 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | \$50.00 | 475 | \$23,750.00 | 90 | \$ 42,750.00 | 55 | \$ 26,125.00 | 58 | \$ 27,550.00 | 44 | \$ 20,900.00 | 150 | \$ 71,250.00 |
| 50300225 | CONCRETE STRUCTURES | CU YD | \$1,000.00 | 147 | \$147,000.00 | 500 | \$ 73,500.00 | 750 | \$ 110,250.00 | 960 | \$ 141,120.00 | 980 | \$ 144,060.00 | 1300 | \$ 191,100.00 |
| 50300285 | FORM LINER TEXTURED SURFACE | SQ FT | \$20.00 | 865 | \$17,300.00 | 15 | \$ 12,975.00 | 15 | \$ 12,975.00 | 47 | \$ 40,655.00 | 32 | \$ 27,680.00 | 32 | \$ 27,680.00 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | \$2.00 | 25230 | \$50,460.00 | 1.75 | \$ 44,152.50 | 5 | \$ 126,150.00 | 2 | \$ 50,460.00 | 1.6 | \$ 40,368.00 | 2.2 | \$ 55,506.00 |
| 51200957 | FURNISHING METAL SHELL PILES 12" X 0.250" | FOOT | \$50.00 | 2935 | \$146,750.00 | 65 | \$ 190,775.00 | 22.5 | \$ 66,037.50 | 68 | \$ 199,580.00 | 54 | \$ 158,490.00 | 23 | \$ 67,505.00 |
| 51202305 | DRIVING PILES | FOOT | \$1.00 | 2935 | \$2,935.00 | 1 | \$ 2,935.00 | 17.25 | \$ 50,628.75 | 1 | \$ 2,935.00 | 1 | \$ 2,935.00 | 17 | \$ 49,895.00 |
| 51203200 | TEST PILE METAL SHELLS | EACH | \$8,000.00 | 4 | \$32,000.00 | 3000 | \$ 12,000.00 | 3300 | \$ 13,200.00 | 3500 | \$ 14,000.00 | 8000 | \$ 32,000.00 | 3300 | \$ 13,200.00 |
| 51500100 | NAME PLATES | EACH | \$500.00 | 1 | \$500.00 | 450 | \$ 450.00 | 1500 | \$ 1,500.00 | 800 | \$ 800.00 | 1200 | \$ 1,200.00 | 1200 | \$ 1,200.00 |
| 52200700 | PRECAST MODULAR RETAINING WALL | SQ FT | \$50.00 | 88 | \$4,400.00 | 77.5 | \$ 6,820.00 | 50 | \$ 4,400.00 | 58 | \$ 5,104.00 | 76 | \$ 6,688.00 | 27 | \$ 2,376.00 |
| 54213655 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10" | EACH | \$600.00 | 2 | \$1,200.00 | 1480 | \$ 2,960.00 | 2500 | \$ 5,000.00 | 1000 | \$ 2,000.00 | 1120 | \$ 2,240.00 | 1625 | \$ 3,250.00 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | \$620.00 | 5 | \$3,100.00 | 1480 | \$ 7,400.00 | 2500 | \$ 12,500.00 | 1100 | \$ 5,500.00 | 1120 | \$ 5,600.00 | 1625 | \$ 8,125.00 |
| 542A0215 | PIPE CULVERTS, CLASS A, TYPE 1 10" | FOOT | \$75.00 | 25 | \$1,875.00 | 49 | \$ 1,225.00 | 80 | \$ 2,000.00 | 70 | \$ 1,750.00 | 66 | \$ 1,650.00 | 53 | \$ 1,325.00 |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | \$65.00 | 10 | \$650.00 | 101 | \$ 1,010.00 | 85 | \$ 850.00 | 80 | \$ 800.00 | 78 | \$ 780.00 | 110 | \$ 1,100.00 |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | \$55.00 | 1987 | \$109,285.00 | 60 | \$ 119,220.00 | 85 | \$ 168,895.00 | 68 | \$ 135,116.00 | 61 | \$ 121,207.00 | 65 | \$ 129,155.00 |
| 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18" | FOOT | \$75.00 | 38 | \$2,850.00 | 72 | \$ 2,386.00 | 100 | \$ 3,800.00 | 75 | \$ 2,850.00 | 68 | \$ 2,584.00 | 79 | \$ 3,002.00 |
| 550A0400 | STORM SEWERS, CLASS A, TYPE 2 21" | FOOT | \$70.00 | 204 | \$14,280.00 | 78 | \$ 15,912.00 | 109 | \$ 22,236.00 | 91 | \$ 18,564.00 | 77 | \$ 15,708.00 | 85 | \$ 17,340.00 |
| 550A0430 | STORM SEWERS, CLASS A, TYPE 2 30" | FOOT | \$100.00 | 474 | \$47,400.00 | 105 | \$ 49,770.00 | 130 | \$ 61,620.00 | 114 | \$ 54,036.00 | 97 | \$ 45,978.00 | 115 | \$ 54,510.00 |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | \$15.00 | 17 | \$255.00 | 17 | \$ 255.00 | 1 | \$ 17.00 | 12 | \$ 204.00 | 6 | \$ 102.00 | 18 | \$ 306.00 |
| 55100500 | STORM SEWER REMOVAL 12" | FOOT | \$20.00 | 965 | \$19,300.00 | 19 | \$ 18,335.00 | 1 | \$ 965.00 | 12 | \$ 11,580.00 | 6 | \$ 5,790.00 | 20 | \$ 19,300.00 |
| 55100700 | STORM SEWER REMOVAL 15" | FOOT | \$25.00 | 73 | \$1,825.00 | 19 | \$ 1,387.00 | 1 | \$ 73.00 | 16 | \$ 1,168.00 | 7 | \$ 511.00 | 20 | \$ 1,460.00 |
| 55100900 | STORM SEWER REMOVAL 18" | FOOT | \$25.00 | 38 | \$950.00 | 20 | \$ 760.00 | 1 | \$ 38.00 | 20 | \$ 760.00 | 8 | \$ 304.00 | 21.95 | \$ 834.10 |
| 55101100 | STORM SEWER REMOVAL 21" | FOOT | \$20.00 | 204 | \$4,080.00 | 22 | \$ 4,488.00 | 1 | \$ 204.00 | 22 | \$ 4,488.00 | 8 | \$ 1,632.00 | 24.15 | \$ 4,926.60 |
| 55101400 | STORM SEWER REMOVAL 30" | FOOT | \$30.00 | 270 | \$8,100.00 | 26 | \$ 7,020.00 | 1 | \$ 270.00 | 25 | \$ 6,750.00 | 14 | \$ 3,780.00 | 28 | \$ 7,560.00 |
| 56103300 | DUCTILE IRON WATER MAIN 12" | FOOT | \$90.00 | 90 | \$8,100.00 | 230 | \$ 20,700.00 | 205 | \$ 18,450.00 | 140 | \$ 12,600.00 | 188 | \$ 16,920.00 | 250 | \$ 22,500.00 |
| 56105200 | WATER VALVES 12" | EACH | \$3,000.00 | 1 | \$3,000.00 | 5470 | \$ 5,470.00 | 3200 | \$ 3,200.00 | 2900 | \$ 2,900.00 | 3360 | \$ 3,360.00 | 6000 | \$ 6,000.00 |
| 56400300 | FIRE HYDRANTS TO BE ADJUSTED | EACH | \$1,500.00 | 2 | \$3,000.00 | 950 | \$ 1,900.00 | 1200 | \$ 2,400.00 | 2500 | \$ 5,000.00 | 860 | \$ 1,720.00 | | |

| | | | | | | | | | | | | | | | | | | | | |
|----------|---|-------|-------------|-------|--------------|-------|----|------------|-------|----|------------|-------|----|------------|-------|----|------------|-------|----|------------|
| X010003 | CLEARING AND GRUBBING | SQ YD | \$1.00 | 8809 | \$8,809.00 | 1.8 | \$ | 15,856.20 | 3.35 | \$ | 29,510.15 | 3.4 | \$ | 29,950.60 | 2.2 | \$ | 19,379.80 | 2 | \$ | 17,618.00 |
| X0325714 | FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION | EACH | \$5,000.00 | 2 | \$10,000.00 | 14100 | \$ | 28,200.00 | 14500 | \$ | 29,000.00 | 15100 | \$ | 30,200.00 | 15000 | \$ | 30,000.00 | 10800 | \$ | 21,600.00 |
| X0327036 | BIKE PATH REMOVAL | SQ YD | \$15.00 | 7231 | \$108,465.00 | 12 | \$ | 86,772.00 | 14 | \$ | 101,234.00 | 7 | \$ | 50,617.00 | 11 | \$ | 79,541.00 | 6.2 | \$ | 44,832.20 |
| X2080250 | TRENCH BACKFILL, SPECIAL | CU YD | \$45.00 | 761 | \$34,245.00 | 47 | \$ | 35,767.00 | 40 | \$ | 30,440.00 | 10 | \$ | 7,610.00 | 41 | \$ | 31,201.00 | 51 | \$ | 38,811.00 |
| X4021000 | TEMPORARY ACCESS (PRIVATE ENTRANCE) | EACH | \$925.00 | 2 | \$1,850.00 | 750 | \$ | 1,500.00 | 250 | \$ | 500.00 | 400 | \$ | 800.00 | 360 | \$ | 720.00 | 125 | \$ | 250.00 |
| X5420615 | PIPE CULVERTS TO BE CLEANED 15" | FOOT | \$8.00 | 28 | \$224.00 | 121 | \$ | 3,388.00 | 135 | \$ | 3,780.00 | 150 | \$ | 4,200.00 | 18 | \$ | 504.00 | 220 | \$ | 6,160.00 |
| X5610712 | WATER MAIN REMOVAL, 12" | FOOT | \$15.00 | 70 | \$1,050.00 | 21 | \$ | 1,470.00 | 1 | \$ | 70.00 | 10 | \$ | 700.00 | 11 | \$ | 770.00 | 23 | \$ | 1,610.00 |
| X6026054 | SANITARY MANHOLES TO BE REMOVED | EACH | \$1,500.00 | 2 | \$3,000.00 | 31870 | \$ | 63,740.00 | 500 | \$ | 1,000.00 | 600 | \$ | 1,200.00 | 480 | \$ | 960.00 | 35000 | \$ | 70,000.00 |
| X6061815 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) | FOOT | \$30.00 | 13720 | \$411,600.00 | 28 | \$ | 384,160.00 | 22 | \$ | 301,840.00 | 26 | \$ | 356,720.00 | 22 | \$ | 301,840.00 | 33 | \$ | 452,760.00 |
| Z0013797 | STABILIZED CONSTRUCTION ENTRANCE | SQ YD | \$22.00 | 560 | \$12,320.00 | 25 | \$ | 14,000.00 | 10 | \$ | 5,600.00 | 20 | \$ | 11,200.00 | 28 | \$ | 15,680.00 | 18 | \$ | 10,080.00 |
| Z0013798 | CONSTRUCTION LAYOUT | LSUM | \$50,000.00 | 1 | \$50,000.00 | 25000 | \$ | 25,000.00 | 31000 | \$ | 31,000.00 | 68000 | \$ | 68,000.00 | 40000 | \$ | 40,000.00 | 77000 | \$ | 77,000.00 |
| Z0018100 | DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL) | EACH | \$1,500.00 | 7 | \$10,500.00 | 1050 | \$ | 7,350.00 | 750 | \$ | 5,250.00 | 800 | \$ | 5,600.00 | 960 | \$ | 6,720.00 | 1150 | \$ | 8,050.00 |
| Z0018400 | DRAINAGE STRUCTURES TO BE ADJUSTED | EACH | \$500.00 | 31 | \$15,500.00 | 900 | \$ | 27,900.00 | 400 | \$ | 12,400.00 | 600 | \$ | 18,600.00 | 430 | \$ | 13,330.00 | 990 | \$ | 30,690.00 |
| Z0022800 | FENCE REMOVAL | FOOT | \$12.00 | 206 | \$2,472.00 | 7 | \$ | 1,442.00 | 10 | \$ | 2,060.00 | 5 | \$ | 1,030.00 | 7 | \$ | 1,442.00 | 11 | \$ | 2,266.00 |
| Z0056608 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | FOOT | \$80.00 | 38 | \$3,040.00 | 76 | \$ | 2,888.00 | 110 | \$ | 4,180.00 | 120 | \$ | 4,560.00 | 96 | \$ | 3,648.00 | 83 | \$ | 3,154.00 |
| Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | FOOT | \$100.00 | 30 | \$3,000.00 | 86 | \$ | 2,580.00 | 120 | \$ | 3,600.00 | 129 | \$ | 3,870.00 | 147 | \$ | 4,410.00 | 95 | \$ | 2,850.00 |
| Z0057100 | SANITARY SEWER 12" | FOOT | \$40.00 | 5 | \$200.00 | 990 | \$ | 4,950.00 | 500 | \$ | 2,500.00 | 410 | \$ | 2,050.00 | 332 | \$ | 1,660.00 | 1085 | \$ | 5,425.00 |
| Z0067700 | STEEL CASINGS 20" | FOOT | \$300.00 | 54 | \$16,200.00 | 455 | \$ | 24,570.00 | 125 | \$ | 6,750.00 | 210 | \$ | 11,340.00 | 144 | \$ | 7,776.00 | 500 | \$ | 27,000.00 |
| Z0077700 | WOOD FENCE TO BE REMOVED AND RE-ERECTED | FOOT | \$38.00 | 526 | \$19,988.00 | 22 | \$ | 11,572.00 | 23.25 | \$ | 12,229.50 | 20 | \$ | 10,520.00 | 26 | \$ | 13,676.00 | 27.45 | \$ | 14,438.70 |
| N/A | 1050Z1 LID | EACH | \$600.00 | 1 | \$600.00 | 270 | \$ | 270.00 | 400 | \$ | 400.00 | 900 | \$ | 900.00 | 480 | \$ | 480.00 | 300 | \$ | 300.00 |
| N/A | BOARDWALK STRUCTURE | SQ FT | \$50.00 | 97 | \$4,850.00 | 225 | \$ | 21,825.00 | 150 | \$ | 14,550.00 | 200 | \$ | 19,400.00 | 86 | \$ | 8,342.00 | 160 | \$ | 15,520.00 |
| N/A | CATCH BASINS, TYPE A, 7010 W/ TYPE M4 VANE GRATE | EACH | \$4,200.00 | 5 | \$21,000.00 | 2810 | \$ | 14,050.00 | 3800 | \$ | 19,000.00 | 2900 | \$ | 14,500.00 | 3680 | \$ | 18,400.00 | 3085 | \$ | 14,520.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 7065 FRAME AND GRATE | EACH | \$4,000.00 | 1 | \$4,000.00 | 2990 | \$ | 2,990.00 | 3700 | \$ | 3,700.00 | 2900 | \$ | 2,900.00 | 3880 | \$ | 3,880.00 | 3280 | \$ | 3,280.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 7525 FRAME AND GRATE | EACH | \$4,000.00 | 17 | \$68,000.00 | 2770 | \$ | 47,090.00 | 3800 | \$ | 64,600.00 | 2900 | \$ | 49,300.00 | 3880 | \$ | 65,960.00 | 3040 | \$ | 51,680.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 8 GRATE | EACH | \$3,500.00 | 1 | \$3,500.00 | 2320 | \$ | 2,320.00 | 3500 | \$ | 3,500.00 | 2900 | \$ | 2,900.00 | 3680 | \$ | 3,680.00 | 2540 | \$ | 2,540.00 |
| N/A | CATCH BASINS, TYPE C, 7010 W/ TYPE M4 VANE GRATE | EACH | \$2,500.00 | 3 | \$7,500.00 | 2040 | \$ | 6,120.00 | 2000 | \$ | 6,000.00 | 2900 | \$ | 8,700.00 | 2210 | \$ | 6,630.00 | 2240 | \$ | 6,720.00 |
| N/A | CATCH BASINS, TYPE C, TYPE 7525 FRAME AND GRATE | EACH | \$2,500.00 | 11 | \$27,500.00 | 2000 | \$ | 22,000.00 | 2000 | \$ | 22,000.00 | 2900 | \$ | 31,900.00 | 2280 | \$ | 25,080.00 | 2195 | \$ | 24,145.00 |
| N/A | CATCH BASINS, TYPE C, TYPE 8 GRATE | EACH | \$2,100.00 | 11 | \$23,100.00 | 1700 | \$ | 18,700.00 | 1800 | \$ | 19,800.00 | 2900 | \$ | 31,900.00 | 2280 | \$ | 25,080.00 | 1865 | \$ | 20,515.00 |
| N/A | CEMENT | TON | \$50.00 | 1430 | \$71,500.00 | 144 | \$ | 205,920.00 | 160 | \$ | 228,800.00 | 161 | \$ | 230,230.00 | 155 | \$ | 221,650.00 | 145 | \$ | 207,350.00 |
| N/A | CHIMNEY REHABILITATION | EACH | \$400.00 | 20 | \$8,000.00 | 900 | \$ | 18,000.00 | 650 | \$ | 13,000.00 | 600 | \$ | 12,000.00 | 1260 | \$ | 25,200.00 | 990 | \$ | 19,800.00 |
| N/A | CLASS D PATCH, 6 INCH, SPECIAL | SQ YD | \$75.00 | 62 | \$4,650.00 | 90 | \$ | 5,580.00 | 60 | \$ | 3,720.00 | 75 | \$ | 4,650.00 | 195 | \$ | 12,090.00 | 60 | \$ | 3,720.00 |
| N/A | CONSTRUCT NEW MULTI-USE PATH | SQ YD | \$45.00 | 9214 | \$414,630.00 | 28 | \$ | 257,992.00 | 27 | \$ | 248,778.00 | 35 | \$ | 322,490.00 | 44 | \$ | 405,416.00 | 34.5 | \$ | 317,883.00 |
| N/A | CURB STOP VALVE BOX TO BE ADJUSTED | EACH | \$250.00 | 1 | \$250.00 | 280 | \$ | 280.00 | 350 | \$ | 350.00 | 800 | \$ | 800.00 | 185 | \$ | 185.00 | 300 | \$ | 300.00 |
| N/A | DRAIN TILE, 10" | FOOT | \$40.00 | 236 | \$9,440.00 | 58 | \$ | 13,688.00 | 90 | \$ | 21,240.00 | 43 | \$ | 10,148.00 | 48 | \$ | 11,328.00 | 63 | \$ | 14,868.00 |
| N/A | DRAIN TILE, 6" | FOOT | \$28.00 | 446 | \$12,488.00 | 65 | \$ | 28,990.00 | 70 | \$ | 31,220.00 | 19 | \$ | 8,474.00 | 31 | \$ | 13,826.00 | 71 | \$ | 31,666.00 |
| N/A | DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW 7525 FRAME AND GRATE | EACH | \$2,000.00 | 1 | \$2,000.00 | 1240 | \$ | 1,240.00 | 650 | \$ | 650.00 | 1000 | \$ | 1,000.00 | 860 | \$ | 860.00 | 1360 | \$ | 1,360.00 |
| N/A | DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW TYPE 8 GRATE | EACH | \$2,500.00 | 1 | \$2,500.00 | 940 | \$ | 940.00 | 600 | \$ | 600.00 | 1200 | \$ | 1,200.00 | 740 | \$ | 740.00 | 1030 | \$ | 1,030.00 |
| N/A | DRAINAGE STRUCTURE TO BE REHABILITATED | EACH | \$2,500.00 | 1 | \$2,500.00 | 1140 | \$ | 1,140.00 | 1500 | \$ | 1,500.00 | 1200 | \$ | 1,200.00 | 2500 | \$ | 2,500.00 | 1250 | \$ | 1,250.00 |
| N/A | DRIVEWAY REMOVAL AND REPLACEMENT | SQ YD | \$50.00 | 3160 | \$158,000.00 | 65 | \$ | 205,400.00 | 75 | \$ | 237,000.00 | 55 | \$ | 173,800.00 | 71 | \$ | 224,360.00 | 93 | \$ | 293,880.00 |
| N/A | EXPLORATION TRENCH 60" DEPTH | FOOT | \$30.00 | 500 | \$15,000.00 | 14 | \$ | 7,000.00 | 5 | \$ | 2,500.00 | 10 | \$ | 5,000.00 | 38 | \$ | 19,000.00 | 15 | \$ | 7,500.00 |
| N/A | IN-LINE CHECK VALVE | EACH | \$250.00 | 1 | \$250.00 | 3160 | \$ | 3,160.00 | 3500 | \$ | 3,500.00 | 3600 | \$ | 3,600.00 | 3960 | \$ | 3,960.00 | 3470 | \$ | 3,470.00 |
| N/A | INSTALL NEW CURB STOP CAP ON EXISTING BOX | EACH | \$100.00 | 2 | \$200.00 | 136 | \$ | 272.00 | 750 | \$ | 1,500.00 | 500 | \$ | 1,000.00 | 85 | \$ | 170.00 | 150 | \$ | 300.00 |
| N/A | INSTALL NON-SHEAR COUPLING | EACH | \$70.00 | 2 | \$140.00 | 80 | \$ | 160.00 | 200 | \$ | 400.00 | 600 | \$ | 1,200.00 | 165 | \$ | 330.00 | 88 | \$ | 176.00 |
| N/A | MANAGEMENT OF PLANTINGS (ALL ZONES, 3 YEARS) | ACRE | \$4,000.00 | 2.4 | \$9,600.00 | 5493 | \$ | 13,183.20 | 14500 | \$ | 34,800.00 | 8000 | \$ | 19,200.00 | 18200 | \$ | 43,680.00 | 18110 | \$ | 43,464.00 |
| N/A | MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1 | EACH | \$5,000.00 | 13 | \$65,000.00 | 2890 | \$ | 37,570.00 | 3950 | \$ | 51,350.00 | 3000 | \$ | 39,000.00 | 3720 | \$ | 48,360.00 | 3175 | \$ | 41,275.00 |
| N/A | MANHOLES, TYPE A, 5'-DIAMETER, 1050Z1 | EACH | \$6,500.00 | 1 | \$6,500.00 | 3180 | \$ | 3,180.00 | 4450 | \$ | 4,450.00 | 3700 | \$ | 3,700.00 | 4480 | \$ | 4,480.00 | 3490 | \$ | 3,490.00 |
| N/A | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | EACH | \$8,000.00 | 1 | \$8,000.00 | 4910 | \$ | 4,910.00 | 6200 | \$ | 6,200.00 | 5500 | \$ | 5,500.00 | 7260 | \$ | 7,260.00 | 5390 | \$ | 5,390.00 |
| N/A | MESIC PRAIRIE SEEDING | ACRE | \$3,000.00 | 1.6 | \$4,800.00 | 3125 | \$ | 5,000.00 | 3135 | \$ | 5,016.00 | 7000 | \$ | 11,200.00 | 5500 | \$ | 8,800.00 | 5545 | \$ | 8,872.00 |
| N/A | PVC CLEANOUT RISERS | EACH | \$50.00 | 17 | \$850.00 | 430 | \$ | 7,310.00 | 500 | \$ | 8,500.00 | 710 | \$ | 12,070.00 | 465 | \$ | 7,905.00 | 470 | \$ | 7,990.00 |
| N/A | PVC STORM SEWERS 6" | FOOT | \$25.00 | 368 | \$9,200.00 | 51 | \$ | 18,768.00 | 50 | \$ | 18,400.00 | 44 | \$ | 16,192.00 | 38 | \$ | 13,984.00 | 56 | \$ | 20,608.00 |
| N/A | RAILING | FOOT | \$200.00 | 57 | \$11,400.00 | 560 | \$ | 31,920.00 | 615 | \$ | 35,055.00 | 600 | \$ | 34,200.00 | 577 | \$ | 32,889.00 | 610 | \$ | 34,770.00 |
| N/A | RECONSTRUCT BITUMINOUS DRIVEWAY APRON | SQ YD | \$75.00 | 78 | \$5,850.00 | 60 | \$ | 4,680.00 | 50 | \$ | 3,900.00 | 50 | \$ | 3,900.00 | 82 | \$ | 6,396.00 | 95 | \$ | 7,410.00 |
| N/A | REMOVE AND REPLACE CURB STOP VALVE AND BOX | EACH | \$600.00 | 7 | \$4,200.00 | 1640 | \$ | 11,480.00 | 1500 | \$ | 10,500.00 | 1000 | \$ | 7,000.00 | 880 | \$ | 6,160.00 | 1800 | \$ | 12,600.00 |
| N/A | REMOVE AND REPLACE CURB STOP VALVE RISER ROD AND BOX | EACH | \$350.00 | 25 | \$8,750.00 | 680 | \$ | 17,000.00 | 1200 | \$ | 30,000.00 | 850 | \$ | 21,250.00 | 880 | \$ | 22,000.00 | 750 | \$ | 18,750.00 |
| N/A | SALVAGE EXISTING STONES FOR REUSE | TON | \$80.00 | 75 | \$6,000.00 | 100 | \$ | 7,500.00 | 55 | \$ | 4,125.00 | 20 | \$ | 1,500.00 | 48 | \$ | 3,600.00 | 110 | \$ | 8,250.00 |
| N/A | SANITARY MANHOLES, TYPE A, 4'-DIAMETER, 1050Z1 | EACH | \$5,500.00 | 1 | \$5,500.00 | 16830 | \$ | 16,830.00 | 5000 | \$ | 5,000.00 | 4500 | \$ | 4,500.00 | 9760 | \$ | 9,760.00 | 18475 | \$ | 18,475.00 |
| N/A | SANITARY SEWER POINT REPAIR 12" (10'-15') | FOOT | \$120.00 | 10 | \$1,200.00 | 940 | \$ | 9,400.00 | 800 | \$ | 8,000.00 | 110 | \$ | 1,100.00 | 567 | \$ | 5,670.00 | 1030 | \$ | 10,300.00 |
| N/A | SANITARY SEWER POINT REPAIR 12" (15'-20') | FOOT | \$150.00 | 388 | \$58,200.00 | 203 | \$ | 78,764.00 | 225 | \$ | 87,300.00 | 50 | \$ | 19,400.00 | 256 | \$ | 99,328.00 | 222 | \$ | 86,136.00 |
| N/A | SANITARY SEWER POINT REPAIR 8" (0'-10') | FOOT | \$60.00 | 100 | \$6,000.00 | 135 | \$ | 13,500.00 | 125 | \$ | 12,500.00 | 80 | \$ | 8,000.00 | 88 | \$ | 8,800.00 | 150 | \$ | 15,000.00 |
| N/A | SANITARY SEWER POINT REPAIR 8" (10'-15') | FOOT | \$90.00 | 10 | \$900.00 | 890 | \$ | 8,900.00 | 700 | \$ | 7,000.00 | 150 | \$ | 1,500.00 | 622 | \$ | 6,220.00 | 980 | \$ | 9,800.00 |
| N/A | SANITARY STRUCTURE LINING | FOOT | \$150.00 | 40 | \$6,000.00 | 675 | \$ | 27,000.00 | 745 | \$ | 29,800.00 | 700 | \$ | 28,000.00 | 725 | \$ | 29,000.00 | 1610 | \$ | 64,400.00 |
| N/A | SANITARY STRUCTURE TO BE ADJUSTED | EACH | \$900.00 | 1 | \$900.00 | 900 | \$ | 900.00 | 850 | \$ | 850.00 | 900 | \$ | 900.00 | 1260 | \$ | 1,260.00 | | | |

Christopher B. Burke Engineering
 9575 W. Higgins Road Suite 600
 Rosemont, IL 60018

Calculated By: JEH
 Checked By: LMF

VILLAGE OF ALGONQUIN
 CBBEL PROJECT #: 07-0273.00088
 VILLAGE PROJECT #: 15-04-16A
 TERRACE HILL ROADWAY REHABILITATION

ENGINEER'S OPINION OF PROBABLE COST - ALTERNATE BID
 DATE: October 23, 2019

| ALTERNATE BID: | | | | ENGINEER'S ESTIMATE | | PLOTE CONSTRUCTION, INC. | | ALAMP CONCRETE CONTRACTORS, INC. | | COPENHAVER CONSTRUCTION, INC. | | MARTAM CONSTRUCTION, INC. | | ORANGE CRUSH, LLC | |
|-----------------|---|-----------------|------------|---------------------|--------------|--------------------------|---------------|----------------------------------|---------------|-------------------------------|---------------|---------------------------|---------------|-------------------|---------------|
| PAY ITEM NUMBER | PAY ITEM NAME | UNIT OF MEASURE | UNIT PRICE | TOTAL QUANTITY | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | \$37.00 | 571 | \$21,127.00 | 12 | \$ 6,852.00 | 20 | \$ 11,420.00 | 21 | \$ 11,991.00 | 14 | \$ 7,994.00 | 13.2 | \$ 7,537.20 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | \$40.00 | 370 | \$14,800.00 | 16 | \$ 5,920.00 | 31 | \$ 11,470.00 | 31 | \$ 11,470.00 | 19 | \$ 7,030.00 | 18 | \$ 6,660.00 |
| 20101000 | TEMPORARY FENCE | FOOT | \$9.00 | 300 | \$2,700.00 | 4.5 | \$ 1,350.00 | 1 | \$ 300.00 | 2 | \$ 600.00 | 5.2 | \$ 1,560.00 | 2.2 | \$ 660.00 |
| 20101100 | TREE TRUNK PROTECTION | EACH | \$130.00 | 200 | \$26,000.00 | 20 | \$ 4,000.00 | 50 | \$ 10,000.00 | 70 | \$ 14,000.00 | 100 | \$ 20,000.00 | 94 | \$ 18,800.00 |
| 20101200 | TREE ROOT PRUNING | EACH | \$175.00 | 200 | \$35,000.00 | 125 | \$ 25,000.00 | 50 | \$ 10,000.00 | 30 | \$ 6,000.00 | 155 | \$ 31,000.00 | 140 | \$ 28,000.00 |
| 20200100 | EARTH EXCAVATION | CU YD | \$35.00 | 2993 | \$104,755.00 | 15 | \$ 44,895.00 | 33.75 | \$ 101,013.75 | 25 | \$ 74,825.00 | 34 | \$ 101,762.00 | 35 | \$ 104,755.00 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | \$40.00 | 865 | \$34,600.00 | 70 | \$ 60,550.00 | 15 | \$ 12,975.00 | 25 | \$ 21,625.00 | 34 | \$ 29,410.00 | 26 | \$ 22,490.00 |
| 20300100 | CHANNEL EXCAVATION | CU YD | \$25.00 | 2216 | \$55,400.00 | 35 | \$ 77,560.00 | 65 | \$ 144,040.00 | 38 | \$ 84,208.00 | 68 | \$ 150,688.00 | 108 | \$ 239,328.00 |
| 20400800 | FURNISHED EXCAVATION | CU YD | \$40.00 | 2107 | \$84,280.00 | 25 | \$ 52,675.00 | 35 | \$ 73,745.00 | 10 | \$ 21,070.00 | 17 | \$ 35,819.00 | 32 | \$ 67,424.00 |
| 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | \$40.00 | 395 | \$15,800.00 | 55 | \$ 21,725.00 | 15 | \$ 5,925.00 | 37 | \$ 14,615.00 | 44 | \$ 17,380.00 | 53.75 | \$ 21,231.25 |
| 21101505 | TOPSOIL EXCAVATION AND PLACEMENT | CU YD | \$35.00 | 1142 | \$39,970.00 | 40 | \$ 45,680.00 | 10 | \$ 11,420.00 | 14 | \$ 15,988.00 | 21 | \$ 23,982.00 | 24.35 | \$ 27,807.70 |
| 21101625 | TOPSOIL FURNISH AND PLACE, 6" | SQ YD | \$6.00 | 12612 | \$75,672.00 | 8.35 | \$ 105,310.20 | 3 | \$ 37,836.00 | 4 | \$ 50,448.00 | 5 | \$ 63,060.00 | 6.6 | \$ 83,239.20 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | \$2.00 | 11586 | \$23,172.00 | 2.75 | \$ 11,861.50 | 3.15 | \$ 36,495.90 | 2 | \$ 23,172.00 | 2.85 | \$ 33,020.10 | 3.15 | \$ 36,495.90 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | \$4.00 | 20403 | \$81,612.00 | 3 | \$ 61,209.00 | 1 | \$ 20,403.00 | 2 | \$ 40,806.00 | 3 | \$ 61,209.00 | 2.2 | \$ 44,886.60 |
| 28000510 | INLET FILTERS | EACH | \$170.00 | 123 | \$20,910.00 | 150 | \$ 18,450.00 | 15 | \$ 1,845.00 | 40 | \$ 4,920.00 | 165 | \$ 20,295.00 | 165 | \$ 20,295.00 |
| 28100111 | STONE RIPRAP, CLASS A6 | SQ YD | \$100.00 | 315 | \$31,500.00 | 165 | \$ 51,975.00 | 80 | \$ 25,200.00 | 100 | \$ 31,500.00 | 122 | \$ 38,430.00 | 225 | \$ 70,875.00 |
| 28100201 | STONE RIPRAP, CLASS A1 | TON | \$50.00 | 50 | \$2,500.00 | 125 | \$ 6,250.00 | 110 | \$ 5,500.00 | 70 | \$ 3,500.00 | 55 | \$ 2,750.00 | 30 | \$ 1,500.00 |
| 28100207 | STONE RIPRAP, CLASS A4 | TON | \$65.00 | 125 | \$8,125.00 | 125 | \$ 15,625.00 | 165 | \$ 20,625.00 | 112 | \$ 14,000.00 | 89 | \$ 11,125.00 | 145 | \$ 18,125.00 |
| 28100209 | STONE RIPRAP, CLASS A5 | TON | \$65.00 | 37 | \$2,405.00 | 110 | \$ 4,070.00 | 275 | \$ 10,175.00 | 181 | \$ 6,697.00 | 410 | \$ 15,170.00 | 762 | \$ 28,194.00 |
| 28200200 | FILTER FABRIC | SQ YD | \$5.00 | 13 | \$65.00 | 35 | \$ 455.00 | 12.25 | \$ 159.25 | 15 | \$ 195.00 | 14 | \$ 182.00 | 12 | \$ 156.00 |
| 35101100 | AGGREGATE BASE COURSE, TYPE A 12" | SQ YD | \$25.00 | 3856 | \$96,400.00 | 16 | \$ 61,696.00 | 14.5 | \$ 55,912.00 | 15 | \$ 57,840.00 | 14 | \$ 53,984.00 | 15.5 | \$ 59,768.00 |
| 40603080 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | \$100.00 | 5856 | \$585,600.00 | 72 | \$ 421,632.00 | 75.5 | \$ 442,128.00 | 79 | \$ 462,624.00 | 79 | \$ 462,624.00 | 70 | \$ 409,920.00 |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | \$125.00 | 5205 | \$650,625.00 | 79 | \$ 411,195.00 | 82.5 | \$ 429,412.50 | 86 | \$ 447,630.00 | 93 | \$ 484,065.00 | 75 | \$ 390,375.00 |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | SQ YD | \$70.00 | 211 | \$14,770.00 | 80 | \$ 16,880.00 | 80 | \$ 16,880.00 | 72 | \$ 15,192.00 | 71 | \$ 14,981.00 | 80 | \$ 16,880.00 |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT | \$15.00 | 2403 | \$36,045.00 | 8 | \$ 19,224.00 | 5.5 | \$ 13,216.50 | 7 | \$ 16,821.00 | 6 | \$ 14,418.00 | 5.15 | \$ 12,375.45 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | \$320.00 | 238 | \$76,160.00 | 30 | \$ 7,140.00 | 35 | \$ 8,330.00 | 30 | \$ 7,140.00 | 31 | \$ 7,378.00 | 38 | \$ 9,044.00 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | \$22.00 | 1770 | \$38,940.00 | 4.5 | \$ 7,965.00 | 14 | \$ 24,780.00 | 15 | \$ 26,550.00 | 18 | \$ 31,860.00 | 9.6 | \$ 16,992.00 |
| 44000165 | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | SQ YD | \$10.00 | 42615 | \$426,150.00 | 4.55 | \$ 193,898.25 | 4 | \$ 170,460.00 | 4.4 | \$ 187,506.00 | 3.95 | \$ 168,329.25 | 3.5 | \$ 149,152.50 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | \$20.00 | 212 | \$4,240.00 | 19 | \$ 4,028.00 | 12 | \$ 2,544.00 | 14 | \$ 2,968.00 | 18 | \$ 3,616.00 | 12.5 | \$ 2,650.00 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | \$10.00 | 14140 | \$141,400.00 | 3.95 | \$ 55,853.00 | 4.5 | \$ 63,630.00 | 5 | \$ 70,700.00 | 4.5 | \$ 63,630.00 | 9 | \$ 127,260.00 |
| 44000600 | SIDEWALK REMOVAL | SQ FT | \$3.00 | 3708 | \$11,124.00 | 1.95 | \$ 7,230.60 | 1.5 | \$ 5,562.00 | 2 | \$ 7,416.00 | 1 | \$ 3,708.00 | 2.15 | \$ 7,972.20 |
| 50102400 | CONCRETE REMOVAL | CU YD | \$5,000.00 | 1 | \$5,000.00 | 7500 | \$ 7,500.00 | 200 | \$ 200.00 | 700 | \$ 700.00 | 1520 | \$ 1,520.00 | 2400 | \$ 2,400.00 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | \$20.00 | 274 | \$5,480.00 | 36.75 | \$ 10,069.50 | 1 | \$ 274.00 | 15 | \$ 4,110.00 | 126 | \$ 34,524.00 | 105 | \$ 28,770.00 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | \$50.00 | 475 | \$23,750.00 | 90 | \$ 42,750.00 | 55 | \$ 26,125.00 | 58 | \$ 27,550.00 | 44 | \$ 20,900.00 | 150 | \$ 71,250.00 |
| 50300225 | CONCRETE STRUCTURES | CU YD | \$1,000.00 | 147 | \$147,000.00 | 500 | \$ 73,500.00 | 750 | \$ 110,250.00 | 960 | \$ 141,120.00 | 980 | \$ 144,060.00 | 1300 | \$ 191,100.00 |
| 50300285 | FORM LINER TEXTURED SURFACE | SQ FT | \$20.00 | 865 | \$17,300.00 | 15 | \$ 12,975.00 | 15 | \$ 12,975.00 | 47 | \$ 40,655.00 | 32 | \$ 27,680.00 | 32 | \$ 27,680.00 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | \$2.00 | 25230 | \$50,460.00 | 1.75 | \$ 44,152.50 | 5 | \$ 126,150.00 | 2 | \$ 50,460.00 | 1.6 | \$ 40,368.00 | 2.2 | \$ 55,506.00 |
| 51200957 | FURNISHING METAL SHELL PILES 12" X 0.250" | FOOT | \$50.00 | 2935 | \$146,750.00 | 65 | \$ 190,775.00 | 22.5 | \$ 66,037.50 | 68 | \$ 199,580.00 | 54 | \$ 158,490.00 | 23 | \$ 67,505.00 |
| 51202305 | DRIVING PILES | FOOT | \$1.00 | 2935 | \$2,935.00 | 1 | \$ 2,935.00 | 17.25 | \$ 50,628.75 | 1 | \$ 2,935.00 | 1 | \$ 2,935.00 | 17 | \$ 49,895.00 |
| 51203200 | TEST PILE METAL SHELLS | EACH | \$8,000.00 | 4 | \$32,000.00 | 3000 | \$ 12,000.00 | 3300 | \$ 13,200.00 | 3500 | \$ 14,000.00 | 8000 | \$ 32,000.00 | 3300 | \$ 13,200.00 |
| 51500100 | NAME PLATES | EACH | \$500.00 | 1 | \$500.00 | 450 | \$ 450.00 | 1500 | \$ 1,500.00 | 800 | \$ 800.00 | 1200 | \$ 1,200.00 | 1200 | \$ 1,200.00 |
| 52200700 | PRECAST MODULAR RETAINING WALL | SQ FT | \$50.00 | 88 | \$4,400.00 | 77.5 | \$ 6,820.00 | 50 | \$ 4,400.00 | 58 | \$ 5,104.00 | 76 | \$ 6,688.00 | 27 | \$ 2,376.00 |
| 54213655 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10" | EACH | \$600.00 | 2 | \$1,200.00 | 1480 | \$ 2,960.00 | 2500 | \$ 5,000.00 | 1000 | \$ 2,000.00 | 1120 | \$ 2,240.00 | 1625 | \$ 3,250.00 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | \$620.00 | 5 | \$3,100.00 | 1480 | \$ 7,400.00 | 2500 | \$ 12,500.00 | 1100 | \$ 5,500.00 | 1120 | \$ 5,600.00 | 1625 | \$ 8,125.00 |
| 542A0215 | PIPE CULVERTS, CLASS A, TYPE 1 10" | FOOT | \$75.00 | 25 | \$1,875.00 | 49 | \$ 1,225.00 | 80 | \$ 2,000.00 | 70 | \$ 1,750.00 | 66 | \$ 1,650.00 | 53 | \$ 1,325.00 |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | \$65.00 | 10 | \$650.00 | 101 | \$ 1,010.00 | 85 | \$ 850.00 | 80 | \$ 800.00 | 78 | \$ 780.00 | 110 | \$ 1,100.00 |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | \$55.00 | 1987 | \$109,285.00 | 60 | \$ 119,220.00 | 85 | \$ 168,895.00 | 68 | \$ 135,116.00 | 61 | \$ 121,207.00 | 65 | \$ 129,155.00 |
| 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18" | FOOT | \$75.00 | 38 | \$2,850.00 | 72 | \$ 2,736.00 | 100 | \$ 3,800.00 | 75 | \$ 2,850.00 | 68 | \$ 2,584.00 | 79 | \$ 3,002.00 |
| 550A0400 | STORM SEWERS, CLASS A, TYPE 2 21" | FOOT | \$70.00 | 204 | \$14,280.00 | 78 | \$ 15,912.00 | 109 | \$ 22,236.00 | 91 | \$ 18,564.00 | 77 | \$ 15,708.00 | 85 | \$ 17,340.00 |
| 550A0430 | STORM SEWERS, CLASS A, TYPE 2 30" | FOOT | \$100.00 | 474 | \$47,400.00 | 105 | \$ 49,770.00 | 130 | \$ 61,620.00 | 114 | \$ 54,036.00 | 97 | \$ 45,978.00 | 115 | \$ 54,510.00 |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | \$15.00 | 17 | \$255.00 | 17 | \$ 289.00 | 1 | \$ 17.00 | 12 | \$ 204.00 | 6 | \$ 102.00 | 18 | \$ 306.00 |
| 55100500 | STORM SEWER REMOVAL 12" | FOOT | \$20.00 | 965 | \$19,300.00 | 19 | \$ 18,335.00 | 1 | \$ 965.00 | 12 | \$ 11,580.00 | 6 | \$ 5,790.00 | 20 | \$ 19,300.00 |
| 55100700 | STORM SEWER REMOVAL 15" | FOOT | \$25.00 | 73 | \$1,825.00 | 19 | \$ 1,387.00 | 1 | \$ 73.00 | 16 | \$ 1,168.00 | 7 | \$ 511.00 | 20 | \$ 1,460.00 |
| 55100900 | STORM SEWER REMOVAL 18" | FOOT | \$25.00 | 38 | \$950.00 | 20 | \$ 760.00 | 1 | \$ 38.00 | 20 | \$ 760.00 | 8 | \$ 304.00 | 21.95 | \$ 834.10 |
| 55101100 | STORM SEWER REMOVAL 21" | FOOT | \$20.00 | 204 | \$4,080.00 | 22 | \$ 4,488.00 | 1 | \$ 204.00 | 22 | \$ 4,488.00 | 8 | \$ 1,632.00 | 24.15 | \$ 4,926.60 |
| 55101400 | STORM SEWER REMOVAL 30" | FOOT | \$30.00 | 270 | \$8,100.00 | 26 | \$ 7,020.00 | 1 | \$ 270.00 | 25 | \$ 6,750.00 | 14 | \$ 3,780.00 | 28 | \$ 7,560.00 |
| 56103300 | DUCTILE IRON WATER MAIN 12" | FOOT | \$90.00 | 90 | \$8,100.00 | 230 | \$ 20,700.00 | 205 | \$ 18,450.00 | 140 | \$ 12,600.00 | 188 | \$ 16,920.00 | 250 | \$ 22,500.00 |
| 56105200 | WATER VALVES 12" | EACH | \$3,000.00 | 1 | \$3,000.00 | 5470 | \$ 5,470.00 | 3200 | \$ 3,200.00 | 2900 | \$ 2,900.00 | 3360 | \$ 3,360.00 | 6000 | \$ 6,000.00 |
| 56400300 | FIRE HYDRANTS TO BE ADJUSTED | EACH | \$1,500.00 | 2 | \$3,000.00 | 950 | \$ 1,900.00 | 1200 | \$ 2,400.00 | 2500 | \$ 5,000.00 | 820 | \$ 1,640.00 | 1020 | \$ 2,040.00 |
| 564 | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----------|---|-------|-------------|-------|--------------|-------|----|------------|-------|----|------------|-------|----|------------|-------|----|------------|-------|----|------------|
| LR400899 | FULL-DEPTH RECLAMATION, 10.0" | SQ YD | \$6.00 | 13378 | \$80,268.00 | 3.9 | \$ | 52,174.20 | 3.75 | \$ | 50,167.50 | 4.7 | \$ | 62,876.60 | 4.2 | \$ | 56,187.60 | 5.6 | \$ | 74,916.80 |
| X0100003 | CLEARING AND GRUBBING | SQ YD | \$1.00 | 8809 | \$8,809.00 | 1.8 | \$ | 15,856.20 | 3.35 | \$ | 29,510.15 | 3.4 | \$ | 29,950.60 | 2.2 | \$ | 19,379.80 | 2 | \$ | 17,618.00 |
| X0325714 | FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION | EACH | \$5,000.00 | 2 | \$10,000.00 | 14100 | \$ | 28,200.00 | 14500 | \$ | 29,000.00 | 15100 | \$ | 30,200.00 | 15000 | \$ | 30,000.00 | 10800 | \$ | 21,600.00 |
| X0327036 | BIKE PATH REMOVAL | SQ YD | \$15.00 | 7246 | \$108,690.00 | 12 | \$ | 86,952.00 | 14 | \$ | 101,444.00 | 7 | \$ | 50,722.00 | 11 | \$ | 79,706.00 | 6.2 | \$ | 44,925.20 |
| X2080250 | TRENCH BACKFILL, SPECIAL | CU YD | \$45.00 | 764 | \$34,380.00 | 47 | \$ | 35,908.00 | 40 | \$ | 30,560.00 | 10 | \$ | 7,640.00 | 41 | \$ | 31,324.00 | 51 | \$ | 38,964.00 |
| X4021000 | TEMPORARY ACCESS (PRIVATE ENTRANCE) | EACH | \$925.00 | 2 | \$1,850.00 | 750 | \$ | 1,500.00 | 250 | \$ | 500.00 | 400 | \$ | 800.00 | 360 | \$ | 720.00 | 125 | \$ | 250.00 |
| X5420615 | PIPE CULVERTS TO BE CLEANED 15" | FOOT | \$8.00 | 28 | \$224.00 | 121 | \$ | 3,388.00 | 135 | \$ | 3,780.00 | 150 | \$ | 4,200.00 | 18 | \$ | 504.00 | 220 | \$ | 6,160.00 |
| X5610712 | WATER MAIN REMOVAL, 12" | FOOT | \$15.00 | 70 | \$1,050.00 | 21 | \$ | 1,470.00 | 1 | \$ | 70.00 | 10 | \$ | 700.00 | 11 | \$ | 770.00 | 23 | \$ | 1,610.00 |
| X6026054 | SANITARY MANHOLES TO BE REMOVED | EACH | \$1,500.00 | 2 | \$3,000.00 | 31870 | \$ | 63,740.00 | 500 | \$ | 1,000.00 | 600 | \$ | 1,200.00 | 480 | \$ | 960.00 | 35000 | \$ | 70,000.00 |
| X6061815 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) | FOOT | \$30.00 | 13960 | \$418,800.00 | 28 | \$ | 390,880.00 | 22 | \$ | 307,120.00 | 26 | \$ | 362,960.00 | 22 | \$ | 307,120.00 | 33 | \$ | 460,680.00 |
| Z0013797 | STABILIZED CONSTRUCTION ENTRANCE | SQ YD | \$22.00 | 560 | \$12,320.00 | 25 | \$ | 14,000.00 | 10 | \$ | 5,600.00 | 20 | \$ | 11,200.00 | 28 | \$ | 15,680.00 | 18 | \$ | 10,800.00 |
| Z0013798 | CONSTRUCTION LAYOUT | LSUM | \$50,000.00 | 1 | \$50,000.00 | 25000 | \$ | 25,000.00 | 31000 | \$ | 31,000.00 | 73000 | \$ | 73,000.00 | 40000 | \$ | 40,000.00 | 77000 | \$ | 77,000.00 |
| Z0018100 | DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL) | EACH | \$1,500.00 | 7 | \$10,500.00 | 1050 | \$ | 7,350.00 | 750 | \$ | 5,250.00 | 800 | \$ | 5,600.00 | 960 | \$ | 6,720.00 | 1150 | \$ | 8,050.00 |
| Z0018400 | DRAINAGE STRUCTURES TO BE ADJUSTED | EACH | \$500.00 | 35 | \$17,500.00 | 900 | \$ | 31,500.00 | 400 | \$ | 14,000.00 | 600 | \$ | 21,000.00 | 430 | \$ | 15,050.00 | 990 | \$ | 34,650.00 |
| Z0022800 | FENCE REMOVAL | FOOT | \$12.00 | 206 | \$2,472.00 | 7 | \$ | 1,442.00 | 10 | \$ | 2,060.00 | 5 | \$ | 1,030.00 | 7 | \$ | 1,442.00 | 11 | \$ | 2,266.00 |
| Z0056608 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | FOOT | \$80.00 | 38 | \$3,040.00 | 76 | \$ | 2,880.00 | 110 | \$ | 4,180.00 | 120 | \$ | 4,560.00 | 96 | \$ | 3,648.00 | 83 | \$ | 3,154.00 |
| Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | FOOT | \$100.00 | 30 | \$3,000.00 | 86 | \$ | 2,580.00 | 120 | \$ | 3,600.00 | 129 | \$ | 3,870.00 | 147 | \$ | 4,410.00 | 95 | \$ | 2,850.00 |
| Z0057100 | SANITARY SEWER 12" | FOOT | \$40.00 | 5 | \$200.00 | 990 | \$ | 4,950.00 | 500 | \$ | 2,500.00 | 410 | \$ | 2,050.00 | 332 | \$ | 1,660.00 | 1085 | \$ | 5,425.00 |
| Z0067700 | STEEL CASINGS 20" | FOOT | \$300.00 | 54 | \$16,200.00 | 455 | \$ | 24,570.00 | 125 | \$ | 6,750.00 | 210 | \$ | 11,340.00 | 144 | \$ | 7,776.00 | 500 | \$ | 27,000.00 |
| Z0077700 | WOOD FENCE TO BE REMOVED AND RE-ERECTED | FOOT | \$38.00 | 526 | \$19,988.00 | 22 | \$ | 11,572.00 | 23.25 | \$ | 12,229.50 | 20 | \$ | 10,520.00 | 26 | \$ | 13,676.00 | 27.45 | \$ | 14,438.70 |
| N/A | 1050Z1 LID | EACH | \$600.00 | 1 | \$600.00 | 270 | \$ | 270.00 | 400 | \$ | 400.00 | 900 | \$ | 900.00 | 480 | \$ | 480.00 | 300 | \$ | 300.00 |
| N/A | BOARDWALK STRUCTURE | SQ FT | \$50.00 | 97 | \$4,850.00 | 225 | \$ | 21,825.00 | 150 | \$ | 14,550.00 | 200 | \$ | 19,400.00 | 86 | \$ | 8,342.00 | 160 | \$ | 15,520.00 |
| N/A | CATCH BASINS, TYPE A, 7010 W/ TYPE M4 VANE GRATE | EACH | \$4,200.00 | 5 | \$21,000.00 | 2810 | \$ | 14,050.00 | 3800 | \$ | 19,000.00 | 2900 | \$ | 14,500.00 | 3680 | \$ | 18,400.00 | 3085 | \$ | 15,425.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 7065 FRAME AND GRATE | EACH | \$4,000.00 | 1 | \$4,000.00 | 2990 | \$ | 2,990.00 | 3700 | \$ | 3,700.00 | 2900 | \$ | 2,900.00 | 3880 | \$ | 3,880.00 | 3280 | \$ | 3,280.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 7525 FRAME AND GRATE | EACH | \$4,000.00 | 17 | \$68,000.00 | 2770 | \$ | 47,090.00 | 3800 | \$ | 64,600.00 | 2900 | \$ | 49,300.00 | 3880 | \$ | 65,960.00 | 3040 | \$ | 51,680.00 |
| N/A | CATCH BASINS, TYPE A, TYPE 8 GRATE | EACH | \$3,500.00 | 1 | \$3,500.00 | 2320 | \$ | 2,320.00 | 3500 | \$ | 3,500.00 | 2900 | \$ | 2,900.00 | 3680 | \$ | 3,680.00 | 2540 | \$ | 2,540.00 |
| N/A | CATCH BASINS, TYPE C, 7010 W/ TYPE M4 VANE GRATE | EACH | \$2,500.00 | 3 | \$7,500.00 | 2040 | \$ | 6,120.00 | 2000 | \$ | 6,000.00 | 2900 | \$ | 8,700.00 | 2210 | \$ | 6,630.00 | 2240 | \$ | 6,720.00 |
| N/A | CATCH BASINS, TYPE C, TYPE 7525 FRAME AND GRATE | EACH | \$2,500.00 | 11 | \$27,500.00 | 2000 | \$ | 22,000.00 | 2000 | \$ | 22,000.00 | 2900 | \$ | 31,900.00 | 2280 | \$ | 25,080.00 | 2195 | \$ | 24,145.00 |
| N/A | CATCH BASINS, TYPE C, TYPE 8 GRATE | EACH | \$2,100.00 | 11 | \$23,100.00 | 1700 | \$ | 18,700.00 | 1800 | \$ | 19,800.00 | 2900 | \$ | 31,900.00 | 2200 | \$ | 24,200.00 | 1865 | \$ | 20,515.00 |
| N/A | CEMENT | TON | \$50.00 | 1559 | \$77,950.00 | 144 | \$ | 224,496.00 | 160 | \$ | 249,440.00 | 161 | \$ | 250,999.00 | 155 | \$ | 241,645.00 | 145 | \$ | 226,055.00 |
| N/A | CHIMNEY REHABILITATION | EACH | \$400.00 | 21 | \$8,400.00 | 900 | \$ | 18,900.00 | 650 | \$ | 13,650.00 | 600 | \$ | 12,600.00 | 1260 | \$ | 26,460.00 | 990 | \$ | 20,790.00 |
| N/A | CLASS D PATCH, 6 INCH, SPECIAL | SQ YD | \$75.00 | 62 | \$4,650.00 | 90 | \$ | 5,580.00 | 60 | \$ | 3,720.00 | 75 | \$ | 4,650.00 | 195 | \$ | 12,090.00 | 60 | \$ | 3,720.00 |
| N/A | CONSTRUCT NEW MULTI-USE PATH | SQ YD | \$45.00 | 9229 | \$415,305.00 | 28 | \$ | 258,412.00 | 27 | \$ | 249,183.00 | 35 | \$ | 323,015.00 | 44 | \$ | 406,076.00 | 34.5 | \$ | 318,400.50 |
| N/A | CURB STOP VALVE BOX TO BE ADJUSTED | EACH | \$250.00 | 1 | \$250.00 | 280 | \$ | 280.00 | 350 | \$ | 350.00 | 800 | \$ | 800.00 | 185 | \$ | 185.00 | 300 | \$ | 300.00 |
| N/A | DRAIN TILE, 10" | FOOT | \$40.00 | 236 | \$9,440.00 | 58 | \$ | 13,688.00 | 90 | \$ | 21,240.00 | 43 | \$ | 10,148.00 | 48 | \$ | 11,328.00 | 63 | \$ | 14,868.00 |
| N/A | DRAIN TILE, 6" | FOOT | \$28.00 | 446 | \$12,488.00 | 65 | \$ | 28,990.00 | 70 | \$ | 31,220.00 | 19 | \$ | 8,474.00 | 31 | \$ | 13,826.00 | 71 | \$ | 31,666.00 |
| N/A | DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW 7525 FRAME AND GRATE | EACH | \$2,000.00 | 1 | \$2,000.00 | 1240 | \$ | 1,240.00 | 650 | \$ | 650.00 | 1000 | \$ | 1,000.00 | 860 | \$ | 860.00 | 1360 | \$ | 1,360.00 |
| N/A | DRAINAGE STRUCTURE TO BE ADJUSTED W/ NEW TYPE 8 GRATE | EACH | \$2,500.00 | 1 | \$2,500.00 | 940 | \$ | 940.00 | 600 | \$ | 600.00 | 1200 | \$ | 1,200.00 | 740 | \$ | 740.00 | 1030 | \$ | 1,030.00 |
| N/A | DRAINAGE STRUCTURE TO BE REHABILITATED | EACH | \$2,500.00 | 4 | \$10,000.00 | 1140 | \$ | 4,560.00 | 1500 | \$ | 6,000.00 | 1200 | \$ | 4,800.00 | 2500 | \$ | 10,000.00 | 1250 | \$ | 5,000.00 |
| N/A | DRIVEWAY REMOVAL AND REPLACEMENT | SQ YD | \$50.00 | 3171 | \$158,550.00 | 65 | \$ | 206,115.00 | 75 | \$ | 237,825.00 | 55 | \$ | 174,405.00 | 71 | \$ | 225,141.00 | 93 | \$ | 294,903.00 |
| N/A | EXPLORATION TRENCH 60" DEPTH | FOOT | \$30.00 | 500 | \$15,000.00 | 14 | \$ | 7,000.00 | 5 | \$ | 2,500.00 | 10 | \$ | 5,000.00 | 38 | \$ | 19,000.00 | 15 | \$ | 7,500.00 |
| N/A | IN-LINE CHECK VALVE | EACH | \$250.00 | 1 | \$250.00 | 3160 | \$ | 3,160.00 | 3500 | \$ | 3,500.00 | 3600 | \$ | 3,600.00 | 3960 | \$ | 3,960.00 | 3470 | \$ | 3,470.00 |
| N/A | INSTALL NEW CURB STOP CAP ON EXISTING BOX | EACH | \$100.00 | 2 | \$200.00 | 136 | \$ | 272.00 | 750 | \$ | 1,500.00 | 500 | \$ | 1,000.00 | 85 | \$ | 170.00 | 150 | \$ | 300.00 |
| N/A | INSTALL NON-SHEAR COUPLING | EACH | \$70.00 | 2 | \$140.00 | 80 | \$ | 160.00 | 200 | \$ | 400.00 | 600 | \$ | 1,200.00 | 165 | \$ | 330.00 | 88 | \$ | 176.00 |
| N/A | MANAGEMENT OF PLANTINGS (ALL ZONES, 3 YEARS) | ACRE | \$4,000.00 | 2.4 | \$9,600.00 | 5493 | \$ | 13,183.20 | 14500 | \$ | 34,800.00 | 8000 | \$ | 19,200.00 | 18200 | \$ | 43,680.00 | 18110 | \$ | 43,464.00 |
| N/A | MANHOLES, TYPE A, 4-DIAMETER, 1050Z1 | EACH | \$5,000.00 | 13 | \$65,000.00 | 2890 | \$ | 37,570.00 | 3950 | \$ | 51,350.00 | 3000 | \$ | 39,000.00 | 3720 | \$ | 48,360.00 | 3175 | \$ | 41,275.00 |
| N/A | MANHOLES, TYPE A, 5-DIAMETER, 1050Z1 | EACH | \$6,500.00 | 1 | \$6,500.00 | 3180 | \$ | 3,180.00 | 4450 | \$ | 4,450.00 | 3700 | \$ | 3,700.00 | 4480 | \$ | 4,480.00 | 3490 | \$ | 3,490.00 |
| N/A | MANHOLES, TYPE A, 6-DIAMETER, TYPE 8 GRATE | EACH | \$8,000.00 | 1 | \$8,000.00 | 4910 | \$ | 4,910.00 | 6200 | \$ | 6,200.00 | 5500 | \$ | 5,500.00 | 7220 | \$ | 7,220.00 | 5390 | \$ | 5,390.00 |
| N/A | MESIC PRAIRIE SEEDING | ACRE | \$3,000.00 | 1.6 | \$4,800.00 | 3125 | \$ | 5,000.00 | 3135 | \$ | 5,016.00 | 7000 | \$ | 11,200.00 | 5550 | \$ | 8,880.00 | 5545 | \$ | 8,872.00 |
| N/A | PVC CLEANOUT RISERS | EACH | \$50.00 | 17 | \$850.00 | 430 | \$ | 7,310.00 | 500 | \$ | 8,500.00 | 710 | \$ | 12,070.00 | 465 | \$ | 7,905.00 | 470 | \$ | 7,900.00 |
| N/A | PVC STORM SEWERS 6" | FOOT | \$25.00 | 368 | \$9,200.00 | 51 | \$ | 18,768.00 | 50 | \$ | 18,400.00 | 44 | \$ | 16,192.00 | 36 | \$ | 13,248.00 | 56 | \$ | 20,608.00 |
| N/A | RAILING | FOOT | \$200.00 | 57 | \$11,400.00 | 560 | \$ | 31,920.00 | 615 | \$ | 35,055.00 | 600 | \$ | 34,200.00 | 577 | \$ | 32,889.00 | 610 | \$ | 34,770.00 |
| N/A | RECONSTRUCT BITUMINOUS DRIVEWAY APRON | SQ YD | \$75.00 | 78 | \$5,850.00 | 60 | \$ | 4,680.00 | 50 | \$ | 3,900.00 | 50 | \$ | 3,900.00 | 82 | \$ | 6,396.00 | 95 | \$ | 7,410.00 |
| N/A | REMOVE AND REPLACE CURB STOP VALVE AND BOX | EACH | \$600.00 | 7 | \$4,200.00 | 1640 | \$ | 11,480.00 | 1500 | \$ | 10,500.00 | 1000 | \$ | 7,000.00 | 880 | \$ | 6,160.00 | 1800 | \$ | 12,600.00 |
| N/A | REMOVE AND REPLACE CURB STOP VALVE RISER ROD AND BOX | EACH | \$350.00 | 25 | \$8,750.00 | 680 | \$ | 7,000.00 | 1200 | \$ | 30,000.00 | 850 | \$ | 21,250.00 | 880 | \$ | 22,000.00 | 750 | \$ | 18,750.00 |
| N/A | SALVAGE EXISTING STONES FOR REUSE | TON | \$80.00 | 75 | \$6,000.00 | 100 | \$ | 7,500.00 | 55 | \$ | 4,125.00 | 20 | \$ | 1,500.00 | 48 | \$ | 3,600.00 | 110 | \$ | 8,250.00 |
| N/A | SANITARY MANHOLES, TYPE A, 4-DIAMETER, 1050Z1 | EACH | \$5,500.00 | 1 | \$5,500.00 | 16830 | \$ | 16,830.00 | 5000 | \$ | 5,000.00 | 4500 | \$ | 4,500.00 | 9760 | \$ | 9,760.00 | 18475 | \$ | 18,475.00 |
| N/A | SANITARY SEWER POINT REPAIR 12" (10'-15') | FOOT | \$120.00 | 10 | \$1,200.00 | 940 | \$ | 9,400.00 | 800 | \$ | 8,000.00 | 110 | \$ | 1,100.00 | 567 | \$ | 5,670.00 | 1030 | \$ | 10,300.00 |
| N/A | SANITARY SEWER POINT REPAIR 12" (15'-20') | FOOT | \$150.00 | 388 | \$58,200.00 | 203 | \$ | 78,764.00 | 225 | \$ | 87,300.00 | 50 | \$ | 19,400.00 | 256 | \$ | 99,328.00 | 222 | \$ | 86,136.00 |
| N/A | SANITARY SEWER POINT REPAIR 8" (10'-10') | FOOT | \$60.00 | 100 | \$6,000.00 | 135 | \$ | 13,500.00 | 125 | \$ | 12,500.00 | 80 | \$ | 8,000.00 | 88 | \$ | 8,800.00 | 150 | \$ | 15,000.00 |
| N/A | SANITARY SEWER POINT REPAIR 8" (10'-15') | FOOT | \$90.00 | 10 | \$900.00 | 890 | \$ | 8,900.00 | 700 | \$ | 7,000.00 | 150 | \$ | 1,500.00 | 622 | \$ | 6,220.00 | 980 | \$ | 9,800.00 |
| N/A | SANITARY STRUCTURE LINING | FOOT | \$150.00 | 40 | \$6,000.00 | 675 | \$ | 27,000.00 | 745 | \$ | 29,800.00 | 700 | \$ | 28,000.00 | 72 | | | | | |