

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | ENGINEER'S ESTIMATE | | | | J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 | | C.G. Construction & Utilities 6891 Germantown Pike Miamisburg, OH 45342 Phone (937) 866-7166 Fax (937) 865-9271 | | Milcon Concrete, Inc. 1360 S. Co. Rd 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 | |
|----------|---|---------------------|------|-------------|--------------|--|--------------|---|--------------|---|--------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$2,500.00 | \$12,500.00 | \$950.00 | \$4,750.00 | \$1,050.00 | \$5,250.00 |
| 202 | Pipe Removed | 143 | FT | \$45.00 | \$6,435.00 | \$12.00 | \$1,716.00 | \$7.00 | \$1,001.00 | \$11.00 | \$1,573.00 |
| 202 | Pavement Removed | 706 | SY | \$12.00 | \$8,472.00 | \$8.50 | \$6,001.00 | \$4.00 | \$2,824.00 | \$10.00 | \$7,060.00 |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$1.50 | \$46.50 | \$4.00 | \$124.00 | \$2.00 | \$62.00 |
| 202 | Curb Removed | 20 | FT | \$10.00 | \$200.00 | \$3.50 | \$70.00 | \$7.00 | \$140.00 | \$4.60 | \$92.00 |
| 202 | Curb and Gutter Removed | 75 | FT | \$12.00 | \$900.00 | \$3.50 | \$262.50 | \$5.00 | \$375.00 | \$5.50 | \$412.50 |
| 202 | Walk Removed | 535 | SF | \$3.00 | \$1,605.00 | \$1.50 | \$802.50 | \$1.00 | \$535.00 | \$1.50 | \$802.50 |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$250.00 | \$250.00 | \$783.00 | \$783.00 | \$534.00 | \$534.00 |
| 204 | Excavation of Subgrade | 50 | CY | \$50.00 | \$2,500.00 | \$12.00 | \$600.00 | \$61.00 | \$3,050.00 | \$20.00 | \$1,000.00 |
| 261 | Pavement Restoration, Type A | 706 | SY | \$50.00 | \$35,300.00 | \$35.35 | \$24,957.10 | \$36.00 | \$25,416.00 | \$31.00 | \$21,886.00 |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | \$20.00 | \$1,700.00 | \$16.00 | \$1,360.00 | \$46.00 | \$3,910.00 | \$7.60 | \$646.00 |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$19.00 | \$15,010.00 | \$20.00 | \$15,800.00 | \$21.50 | \$16,985.00 |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | \$5.00 | \$175.00 | \$4.50 | \$157.50 | \$5.00 | \$175.00 | \$20.00 | \$700.00 |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | \$90.00 | \$5,400.00 | \$100.00 | \$6,000.00 | \$105.00 | \$6,300.00 | \$135.60 | \$8,136.00 |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | \$90.00 | \$7,200.00 | \$85.00 | \$6,800.00 | \$90.00 | \$7,200.00 | \$130.00 | \$10,400.00 |
| 608 | 4" Concrete Walk | 535 | SF | \$10.00 | \$5,350.00 | \$9.75 | \$5,216.25 | \$8.00 | \$4,280.00 | \$12.00 | \$6,420.00 |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$10.75 | \$333.25 | \$10.50 | \$325.50 | \$14.00 | \$434.00 |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$38.00 | \$760.00 | \$26.00 | \$520.00 | \$51.00 | \$1,020.00 |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$42.00 | \$3,150.00 | \$26.00 | \$1,950.00 | \$59.00 | \$4,425.00 |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$2,500.00 | \$2,500.00 | \$12,285.50 | \$12,285.50 | \$10,810.00 | \$10,810.00 |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,500.00 | \$3,500.00 | \$6,000.00 | \$6,000.00 | \$4,940.00 | \$4,940.00 |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$60.00 | \$3,840.00 | \$65.00 | \$4,160.00 | \$48.00 | \$3,072.00 |
| 659 | Seeding and Mulching | 1,432 | SY | \$5.00 | \$7,160.00 | \$2.50 | \$3,580.00 | \$3.00 | \$4,296.00 | \$7.00 | \$10,024.00 |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$600.00 | \$24.00 | \$800.00 | \$32.00 | \$600.00 | \$24.00 |
| 803 | 6" Conduit, Type A | 805 | FT | \$75.00 | \$60,375.00 | \$62.00 | \$49,910.00 | \$78.00 | \$62,790.00 | \$66.00 | \$53,130.00 |
| 803 | 8" Conduit, Type A | 1752 | FT | \$90.00 | \$157,680.00 | \$60.00 | \$105,120.00 | \$69.00 | \$120,888.00 | \$71.00 | \$124,392.00 |
| 803 | 12" Conduit, Type B | 24 | FT | \$85.00 | \$2,040.00 | \$100.00 | \$2,400.00 | \$93.00 | \$2,232.00 | \$87.00 | \$2,088.00 |
| 803 | 18" Conduit, Type A | 18 | FT | \$250.00 | \$4,500.00 | \$120.00 | \$2,160.00 | \$93.00 | \$1,674.00 | \$138.00 | \$2,484.00 |

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| | | | | ENGINEER'S ESTIMATE | | J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 | | C.G. Construction & Utilities 6891 Germantown Pike Miamisburg, OH 45342 Phone (937) 866-7166 Fax (937) 865-9271 | | Milcon Concrete, Inc. 1360 S. Co. Rd 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 | |
|--------------------|---|-----------|------|---------------------|-------------|--|-------------|---|-------------|---|-------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$500.00 | \$16,000.00 | \$280.00 | \$8,960.00 | \$445.00 | \$14,240.00 |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$4,290.00 | \$42,900.00 | \$3,975.00 | \$39,750.00 | \$4,495.00 | \$44,950.00 |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$8,000.00 | \$8,000.00 | \$9,574.00 | \$9,574.00 | \$4,280.00 | \$4,280.00 |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$100.00 | \$150.00 | \$250.00 | \$375.00 | \$170.00 | \$255.00 |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$1,500.00 | \$1,500.00 | \$1,975.00 | \$1,975.00 | \$1,047.00 | \$1,047.00 |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$1,750.00 | \$1,750.00 | \$2,000.00 | \$2,000.00 | \$1,800.00 | \$1,800.00 |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$9,540.00 | \$9,540.00 | \$3,664.00 | \$3,664.00 | \$4,500.00 | \$4,500.00 |
| GRAND TOTAL | | | | \$435,384.00 | | \$338,866.60 | | \$360,114.00 | | \$369,874.00 | |

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|----------|---|-----------|------|---------------------|--------------|---|--------------|--|--------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$1,016.00 | \$5,080.00 | \$2,000.00 | \$10,000.00 | | |
| 202 | <i>Pipe Removed</i> | 143 | FT | \$45.00 | \$6,435.00 | \$5.49 | \$784.86 | \$5.00 | \$715.00 | | |
| 202 | <i>Pavement Removed</i> | 706 | SY | \$12.00 | \$8,472.00 | \$15.87 | \$11,201.40 | \$5.00 | \$3,530.00 | | |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$10.16 | \$314.96 | \$10.00 | \$310.00 | | |
| 202 | <i>Curb Removed</i> | 20 | FT | \$10.00 | \$200.00 | \$10.03 | \$200.66 | \$10.00 | \$200.00 | | |
| 202 | <i>Curb and Gutter Removed</i> | 75 | FT | \$12.00 | \$900.00 | \$4.20 | \$314.96 | \$10.00 | \$750.00 | | |
| 202 | <i>Walk Removed</i> | 535 | SF | \$3.00 | \$1,605.00 | \$1.16 | \$621.03 | \$2.00 | \$1,070.00 | | |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$515.62 | \$515.62 | \$500.00 | \$500.00 | | |
| 204 | <i>Excavation of Subgrade</i> | 50 | CY | \$50.00 | \$2,500.00 | \$24.51 | \$1,225.55 | \$30.00 | \$1,500.00 | | |
| 261 | <i>Pavement Restoration, Type A</i> | 706 | SY | \$50.00 | \$35,300.00 | \$44.38 | \$31,332.81 | \$25.00 | \$17,650.00 | | |
| 261 | <i>Pavement Restoration, Type E, (6" Item 304, Aggregate Base)</i> | 85 | SY | \$20.00 | \$1,700.00 | \$60.85 | \$5,172.08 | \$5.00 | \$425.00 | | |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$24.13 | \$19,062.70 | \$25.00 | \$19,750.00 | | |
| 407 | <i>Tack Coat, Trackless Tack, Intermediate Course</i> | 35 | GAL | \$5.00 | \$175.00 | \$24.37 | \$852.81 | \$5.00 | \$175.00 | | |
| 441 | <i>1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22</i> | 60 | TON | \$90.00 | \$5,400.00 | \$137.88 | \$8,272.78 | \$125.00 | \$7,500.00 | | |
| 441 | <i>1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22</i> | 80 | TON | \$90.00 | \$7,200.00 | \$116.11 | \$9,288.78 | \$110.00 | \$8,800.00 | | |
| 608 | <i>4" Concrete Walk</i> | 535 | SF | \$10.00 | \$5,350.00 | \$11.18 | \$5,979.16 | \$8.00 | \$4,280.00 | | |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$12.70 | \$393.70 | \$10.00 | \$310.00 | | |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$46.99 | \$939.80 | \$30.00 | \$600.00 | | |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$49.53 | \$3,714.75 | \$35.00 | \$2,625.00 | | |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$3,810.00 | \$3,810.00 | \$5,000.00 | \$5,000.00 | | |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,175.00 | \$3,175.00 | \$3,000.00 | \$3,000.00 | | |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$82.55 | \$5,283.20 | \$75.00 | \$4,800.00 | | |
| 659 | <i>Seeding and Mulching</i> | 1,432 | SY | \$5.00 | \$7,160.00 | \$3.49 | \$5,001.26 | \$3.00 | \$4,296.00 | | |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$952.50 | \$38.10 | \$1,000.00 | \$40.00 | | |
| 803 | <i>6" Conduit, Type A</i> | 805 | FT | \$75.00 | \$60,375.00 | \$107.44 | \$86,491.06 | \$115.00 | \$92,575.00 | | |
| 803 | <i>8" Conduit, Type A</i> | 1752 | FT | \$90.00 | \$157,680.00 | \$77.45 | \$135,685.59 | \$125.00 | \$219,000.00 | | |
| 803 | <i>12" Conduit, Type B</i> | 24 | FT | \$85.00 | \$2,040.00 | \$74.57 | \$1,789.75 | \$100.00 | \$2,400.00 | | |
| 803 | <i>18" Conduit, Type A</i> | 18 | FT | \$250.00 | \$4,500.00 | \$159.29 | \$2,867.28 | \$100.00 | \$1,800.00 | | |

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|--------------------|---|-----------|------|---------------------|-------------|---|-------------|--|-------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$61.80 | \$1,977.54 | \$150.00 | \$4,800.00 | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$2,645.73 | \$26,457.28 | \$4,000.00 | \$40,000.00 | | |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$6,914.83 | \$6,914.83 | \$5,000.00 | \$5,000.00 | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$1,104.27 | \$1,656.40 | \$100.00 | \$150.00 | | |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$5,080.00 | \$5,080.00 | \$2,500.00 | \$2,500.00 | | |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$3,175.00 | \$3,175.00 | \$2,500.00 | \$2,500.00 | | |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$7,620.00 | \$7,620.00 | \$7,500.00 | \$7,500.00 | | |
| GRAND TOTAL | | | | \$435,384.00 | | \$402,290.70 | | \$476,051.00 | | | |
| | | | | | | Read as \$402,290.68 | | Read as \$473,551.00 | | | |
| CORRECTION | | | | | | | | | | | |
| 202 | Pipe Removed | 143 | FT | | | \$5.49 | \$785.07 | | | | |
| 202 | Pavement Removed | 706 | SY | | | \$15.87 | \$11,204.22 | | | | |
| 202 | Curb Removed | 20 | FT | | | \$10.03 | \$200.60 | | | | |
| 202 | Curb and Gutter Removed | 75 | FT | | | \$4.20 | \$315.00 | | | | |
| 202 | Walk Removed | 535 | SF | | | \$1.16 | \$620.60 | | | | |
| 204 | Excavation of Subgrade | 50 | CY | | | \$24.51 | \$1,225.50 | | | | |
| 261 | Pavement Restoration, Type A | 706 | SY | | | \$44.38 | \$31,332.28 | | | | |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | | | \$60.85 | \$5,172.25 | | | | |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | | | \$24.37 | \$852.95 | | | | |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | | | \$137.88 | \$8,272.80 | | | | |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | | | \$116.11 | \$9,288.80 | | | | |
| 608 | 4" Concrete Walk | 535 | SF | | | \$11.18 | \$5,981.30 | | | | |
| 659 | Seeding and Mulching | 1,432 | SY | | | \$3.49 | \$4,997.68 | | | | |

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|-------------------------|-------------------------------------|-----------|------|---------------------|-------|---|--------------|--|-------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| <i>CORRECTION cont.</i> | | | | | | | | | | | |
| 803 | 6" Conduit, Type A | 805 | FT | | | \$107.44 | \$86,489.20 | | | | |
| 803 | 8" Conduit, Type A | 1752 | FT | | | \$77.45 | \$135,692.40 | | | | |
| 803 | 12" Conduit, Type B | 24 | FT | | | \$74.57 | \$1,789.68 | | | | |
| 803 | 18" Conduit, Type A | 18 | FT | | | \$159.29 | \$2,867.22 | | | | |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | | | \$61.80 | \$1,977.60 | | | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | | | \$2,645.73 | \$26,457.30 | | | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | | | \$1,104.27 | \$1,656.41 | | | | |
| CORRECT TOTAL | | | | | | \$402,296.52 | | \$476,051.00 | | | |

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|----------|---|---------------------|------|-------------|--------------|--|--------------|---|--------------|---|--------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$2,500.00 | \$12,500.00 | \$950.00 | \$4,750.00 | \$1,050.00 | \$5,250.00 |
| 202 | Pipe Removed | 143 | FT | \$45.00 | \$6,435.00 | \$12.00 | \$1,716.00 | \$7.00 | \$1,001.00 | \$11.00 | \$1,573.00 |
| 202 | Pavement Removed | 706 | SY | \$12.00 | \$8,472.00 | \$8.50 | \$6,001.00 | \$4.00 | \$2,824.00 | \$10.00 | \$7,060.00 |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$1.50 | \$46.50 | \$4.00 | \$124.00 | \$2.00 | \$62.00 |
| 202 | Curb Removed | 20 | FT | \$10.00 | \$200.00 | \$3.50 | \$70.00 | \$7.00 | \$140.00 | \$4.60 | \$92.00 |
| 202 | Curb and Gutter Removed | 75 | FT | \$12.00 | \$900.00 | \$3.50 | \$262.50 | \$5.00 | \$375.00 | \$5.50 | \$412.50 |
| 202 | Walk Removed | 535 | SF | \$3.00 | \$1,605.00 | \$1.50 | \$802.50 | \$1.00 | \$535.00 | \$1.50 | \$802.50 |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$250.00 | \$250.00 | \$783.00 | \$783.00 | \$534.00 | \$534.00 |
| 204 | Excavation of Subgrade | 50 | CY | \$50.00 | \$2,500.00 | \$12.00 | \$600.00 | \$61.00 | \$3,050.00 | \$20.00 | \$1,000.00 |
| 261 | Pavement Restoration, Type A | 706 | SY | \$50.00 | \$35,300.00 | \$35.35 | \$24,957.10 | \$36.00 | \$25,416.00 | \$31.00 | \$21,886.00 |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | \$20.00 | \$1,700.00 | \$16.00 | \$1,360.00 | \$46.00 | \$3,910.00 | \$7.60 | \$646.00 |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$19.00 | \$15,010.00 | \$20.00 | \$15,800.00 | \$21.50 | \$16,985.00 |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | \$5.00 | \$175.00 | \$4.50 | \$157.50 | \$5.00 | \$175.00 | \$20.00 | \$700.00 |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | \$90.00 | \$5,400.00 | \$100.00 | \$6,000.00 | \$105.00 | \$6,300.00 | \$135.60 | \$8,136.00 |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | \$90.00 | \$7,200.00 | \$85.00 | \$6,800.00 | \$90.00 | \$7,200.00 | \$130.00 | \$10,400.00 |
| 608 | 4" Concrete Walk | 535 | SF | \$10.00 | \$5,350.00 | \$9.75 | \$5,216.25 | \$8.00 | \$4,280.00 | \$12.00 | \$6,420.00 |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$10.75 | \$333.25 | \$10.50 | \$325.50 | \$14.00 | \$434.00 |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$38.00 | \$760.00 | \$26.00 | \$520.00 | \$51.00 | \$1,020.00 |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$42.00 | \$3,150.00 | \$26.00 | \$1,950.00 | \$59.00 | \$4,425.00 |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$2,500.00 | \$2,500.00 | \$12,285.50 | \$12,285.50 | \$10,810.00 | \$10,810.00 |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,500.00 | \$3,500.00 | \$6,000.00 | \$6,000.00 | \$4,940.00 | \$4,940.00 |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$60.00 | \$3,840.00 | \$65.00 | \$4,160.00 | \$48.00 | \$3,072.00 |
| 659 | Seeding and Mulching | 1,432 | SY | \$5.00 | \$7,160.00 | \$2.50 | \$3,580.00 | \$3.00 | \$4,296.00 | \$7.00 | \$10,024.00 |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$600.00 | \$24.00 | \$800.00 | \$32.00 | \$600.00 | \$24.00 |
| 803 | 6" Conduit, Type A | 805 | FT | \$75.00 | \$60,375.00 | \$62.00 | \$49,910.00 | \$78.00 | \$62,790.00 | \$66.00 | \$53,130.00 |
| 803 | 8" Conduit, Type A | 1752 | FT | \$90.00 | \$157,680.00 | \$60.00 | \$105,120.00 | \$69.00 | \$120,888.00 | \$71.00 | \$124,392.00 |
| 803 | 12" Conduit, Type B | 24 | FT | \$85.00 | \$2,040.00 | \$100.00 | \$2,400.00 | \$93.00 | \$2,232.00 | \$87.00 | \$2,088.00 |
| 803 | 18" Conduit, Type A | 18 | FT | \$250.00 | \$4,500.00 | \$120.00 | \$2,160.00 | \$93.00 | \$1,674.00 | \$138.00 | \$2,484.00 |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 | | C.G. Construction & Utilities 6891 Germantown Pike Miamisburg, OH 45342 Phone (937) 866-7166 Fax (937) 865-9271 | | Milcon Concrete, Inc. 1360 S. Co. Rd 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 | |
|--------------------|---|-----------|------|---------------------|-------------|--|-------------|---|-------------|---|-------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$500.00 | \$16,000.00 | \$280.00 | \$8,960.00 | \$445.00 | \$14,240.00 |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$4,290.00 | \$42,900.00 | \$3,975.00 | \$39,750.00 | \$4,495.00 | \$44,950.00 |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$8,000.00 | \$8,000.00 | \$9,574.00 | \$9,574.00 | \$4,280.00 | \$4,280.00 |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$100.00 | \$150.00 | \$250.00 | \$375.00 | \$170.00 | \$255.00 |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$1,500.00 | \$1,500.00 | \$1,975.00 | \$1,975.00 | \$1,047.00 | \$1,047.00 |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$1,750.00 | \$1,750.00 | \$2,000.00 | \$2,000.00 | \$1,800.00 | \$1,800.00 |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$9,540.00 | \$9,540.00 | \$3,664.00 | \$3,664.00 | \$4,500.00 | \$4,500.00 |
| GRAND TOTAL | | | | \$435,384.00 | | \$338,866.60 | | \$360,114.00 | | \$369,874.00 | |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|----------|---|-----------|------|---------------------|--------------|---|--------------|--|--------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$1,016.00 | \$5,080.00 | \$2,000.00 | \$10,000.00 | | |
| 202 | <i>Pipe Removed</i> | 143 | FT | \$45.00 | \$6,435.00 | \$5.49 | \$784.86 | \$5.00 | \$715.00 | | |
| 202 | <i>Pavement Removed</i> | 706 | SY | \$12.00 | \$8,472.00 | \$15.87 | \$11,201.40 | \$5.00 | \$3,530.00 | | |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$10.16 | \$314.96 | \$10.00 | \$310.00 | | |
| 202 | <i>Curb Removed</i> | 20 | FT | \$10.00 | \$200.00 | \$10.03 | \$200.66 | \$10.00 | \$200.00 | | |
| 202 | <i>Curb and Gutter Removed</i> | 75 | FT | \$12.00 | \$900.00 | \$4.20 | \$314.96 | \$10.00 | \$750.00 | | |
| 202 | <i>Walk Removed</i> | 535 | SF | \$3.00 | \$1,605.00 | \$1.16 | \$621.03 | \$2.00 | \$1,070.00 | | |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$515.62 | \$515.62 | \$500.00 | \$500.00 | | |
| 204 | <i>Excavation of Subgrade</i> | 50 | CY | \$50.00 | \$2,500.00 | \$24.51 | \$1,225.55 | \$30.00 | \$1,500.00 | | |
| 261 | <i>Pavement Restoration, Type A</i> | 706 | SY | \$50.00 | \$35,300.00 | \$44.38 | \$31,332.81 | \$25.00 | \$17,650.00 | | |
| 261 | <i>Pavement Restoration, Type E, (6" Item 304, Aggregate Base)</i> | 85 | SY | \$20.00 | \$1,700.00 | \$60.85 | \$5,172.08 | \$5.00 | \$425.00 | | |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$24.13 | \$19,062.70 | \$25.00 | \$19,750.00 | | |
| 407 | <i>Tack Coat, Trackless Tack, Intermediate Course</i> | 35 | GAL | \$5.00 | \$175.00 | \$24.37 | \$852.81 | \$5.00 | \$175.00 | | |
| 441 | <i>1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22</i> | 60 | TON | \$90.00 | \$5,400.00 | \$137.88 | \$8,272.78 | \$125.00 | \$7,500.00 | | |
| 441 | <i>1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22</i> | 80 | TON | \$90.00 | \$7,200.00 | \$116.11 | \$9,288.78 | \$110.00 | \$8,800.00 | | |
| 608 | <i>4" Concrete Walk</i> | 535 | SF | \$10.00 | \$5,350.00 | \$11.18 | \$5,979.16 | \$8.00 | \$4,280.00 | | |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$12.70 | \$393.70 | \$10.00 | \$310.00 | | |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$46.99 | \$939.80 | \$30.00 | \$600.00 | | |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$49.53 | \$3,714.75 | \$35.00 | \$2,625.00 | | |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$3,810.00 | \$3,810.00 | \$5,000.00 | \$5,000.00 | | |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,175.00 | \$3,175.00 | \$3,000.00 | \$3,000.00 | | |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$82.55 | \$5,283.20 | \$75.00 | \$4,800.00 | | |
| 659 | <i>Seeding and Mulching</i> | 1,432 | SY | \$5.00 | \$7,160.00 | \$3.49 | \$5,001.26 | \$3.00 | \$4,296.00 | | |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$952.50 | \$38.10 | \$1,000.00 | \$40.00 | | |
| 803 | <i>6" Conduit, Type A</i> | 805 | FT | \$75.00 | \$60,375.00 | \$107.44 | \$86,491.06 | \$115.00 | \$92,575.00 | | |
| 803 | <i>8" Conduit, Type A</i> | 1752 | FT | \$90.00 | \$157,680.00 | \$77.45 | \$135,685.59 | \$125.00 | \$219,000.00 | | |
| 803 | <i>12" Conduit, Type B</i> | 24 | FT | \$85.00 | \$2,040.00 | \$74.57 | \$1,789.75 | \$100.00 | \$2,400.00 | | |
| 803 | <i>18" Conduit, Type A</i> | 18 | FT | \$250.00 | \$4,500.00 | \$159.29 | \$2,867.28 | \$100.00 | \$1,800.00 | | |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|--------------------|---|-----------|------|---------------------|-------------|---|-------------|--|-------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$61.80 | \$1,977.54 | \$150.00 | \$4,800.00 | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$2,645.73 | \$26,457.28 | \$4,000.00 | \$40,000.00 | | |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$6,914.83 | \$6,914.83 | \$5,000.00 | \$5,000.00 | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$1,104.27 | \$1,656.40 | \$100.00 | \$150.00 | | |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$5,080.00 | \$5,080.00 | \$2,500.00 | \$2,500.00 | | |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$3,175.00 | \$3,175.00 | \$2,500.00 | \$2,500.00 | | |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$7,620.00 | \$7,620.00 | \$7,500.00 | \$7,500.00 | | |
| GRAND TOTAL | | | | \$435,384.00 | | \$402,290.70 | | \$476,051.00 | | | |
| | | | | | | Read as \$402,290.68 | | Read as \$473,551.00 | | | |
| CORRECTION | | | | | | | | | | | |
| 202 | Pipe Removed | 143 | FT | | | \$5.49 | \$785.07 | | | | |
| 202 | Pavement Removed | 706 | SY | | | \$15.87 | \$11,204.22 | | | | |
| 202 | Curb Removed | 20 | FT | | | \$10.03 | \$200.60 | | | | |
| 202 | Curb and Gutter Removed | 75 | FT | | | \$4.20 | \$315.00 | | | | |
| 202 | Walk Removed | 535 | SF | | | \$1.16 | \$620.60 | | | | |
| 204 | Excavation of Subgrade | 50 | CY | | | \$24.51 | \$1,225.50 | | | | |
| 261 | Pavement Restoration, Type A | 706 | SY | | | \$44.38 | \$31,332.28 | | | | |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | | | \$60.85 | \$5,172.25 | | | | |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | | | \$24.37 | \$852.95 | | | | |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | | | \$137.88 | \$8,272.80 | | | | |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | | | \$116.11 | \$9,288.80 | | | | |
| 608 | 4" Concrete Walk | 535 | SF | | | \$11.18 | \$5,981.30 | | | | |
| 659 | Seeding and Mulching | 1,432 | SY | | | \$3.49 | \$4,997.68 | | | | |

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BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|-------------------------|-------------------------------------|-----------|------|---------------------|-------|---|--------------|--|-------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| <i>CORRECTION cont.</i> | | | | | | | | | | | |
| 803 | 6" Conduit, Type A | 805 | FT | | | \$107.44 | \$86,489.20 | | | | |
| 803 | 8" Conduit, Type A | 1752 | FT | | | \$77.45 | \$135,692.40 | | | | |
| 803 | 12" Conduit, Type B | 24 | FT | | | \$74.57 | \$1,789.68 | | | | |
| 803 | 18" Conduit, Type A | 18 | FT | | | \$159.29 | \$2,867.22 | | | | |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | | | \$61.80 | \$1,977.60 | | | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | | | \$2,645.73 | \$26,457.30 | | | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | | | \$1,104.27 | \$1,656.41 | | | | |
| CORRECT TOTAL | | | | | | \$402,296.52 | | \$476,051.00 | | | |

2017 MISC SEWER REPLACEMENT

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| | | | | ENGINEER'S ESTIMATE | | J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 | | C.G. Construction & Utilities 6891 Germantown Pike Miamisburg, OH 45342 Phone (937) 866-7166 Fax (937) 865-9271 | | Milcon Concrete, Inc. 1360 S. Co. Rd 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 | |
|----------|---|-----------|------|---------------------|--------------|--|--------------|---|--------------|---|--------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$2,500.00 | \$12,500.00 | \$950.00 | \$4,750.00 | \$1,050.00 | \$5,250.00 |
| 202 | Pipe Removed | 143 | FT | \$45.00 | \$6,435.00 | \$12.00 | \$1,716.00 | \$7.00 | \$1,001.00 | \$11.00 | \$1,573.00 |
| 202 | Pavement Removed | 706 | SY | \$12.00 | \$8,472.00 | \$8.50 | \$6,001.00 | \$4.00 | \$2,824.00 | \$10.00 | \$7,060.00 |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$1.50 | \$46.50 | \$4.00 | \$124.00 | \$2.00 | \$62.00 |
| 202 | Curb Removed | 20 | FT | \$10.00 | \$200.00 | \$3.50 | \$70.00 | \$7.00 | \$140.00 | \$4.60 | \$92.00 |
| 202 | Curb and Gutter Removed | 75 | FT | \$12.00 | \$900.00 | \$3.50 | \$262.50 | \$5.00 | \$375.00 | \$5.50 | \$412.50 |
| 202 | Walk Removed | 535 | SF | \$3.00 | \$1,605.00 | \$1.50 | \$802.50 | \$1.00 | \$535.00 | \$1.50 | \$802.50 |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$250.00 | \$250.00 | \$783.00 | \$783.00 | \$534.00 | \$534.00 |
| 204 | Excavation of Subgrade | 50 | CY | \$50.00 | \$2,500.00 | \$12.00 | \$600.00 | \$61.00 | \$3,050.00 | \$20.00 | \$1,000.00 |
| 261 | Pavement Restoration, Type A | 706 | SY | \$50.00 | \$35,300.00 | \$35.35 | \$24,957.10 | \$36.00 | \$25,416.00 | \$31.00 | \$21,886.00 |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | \$20.00 | \$1,700.00 | \$16.00 | \$1,360.00 | \$46.00 | \$3,910.00 | \$7.60 | \$646.00 |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$19.00 | \$15,010.00 | \$20.00 | \$15,800.00 | \$21.50 | \$16,985.00 |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | \$5.00 | \$175.00 | \$4.50 | \$157.50 | \$5.00 | \$175.00 | \$20.00 | \$700.00 |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | \$90.00 | \$5,400.00 | \$100.00 | \$6,000.00 | \$105.00 | \$6,300.00 | \$135.60 | \$8,136.00 |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | \$90.00 | \$7,200.00 | \$85.00 | \$6,800.00 | \$90.00 | \$7,200.00 | \$130.00 | \$10,400.00 |
| 608 | 4" Concrete Walk | 535 | SF | \$10.00 | \$5,350.00 | \$9.75 | \$5,216.25 | \$8.00 | \$4,280.00 | \$12.00 | \$6,420.00 |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$10.75 | \$333.25 | \$10.50 | \$325.50 | \$14.00 | \$434.00 |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$38.00 | \$760.00 | \$26.00 | \$520.00 | \$51.00 | \$1,020.00 |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$42.00 | \$3,150.00 | \$26.00 | \$1,950.00 | \$59.00 | \$4,425.00 |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$2,500.00 | \$2,500.00 | \$12,285.50 | \$12,285.50 | \$10,810.00 | \$10,810.00 |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,500.00 | \$3,500.00 | \$6,000.00 | \$6,000.00 | \$4,940.00 | \$4,940.00 |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$60.00 | \$3,840.00 | \$65.00 | \$4,160.00 | \$48.00 | \$3,072.00 |
| 659 | Seeding and Mulching | 1,432 | SY | \$5.00 | \$7,160.00 | \$2.50 | \$3,580.00 | \$3.00 | \$4,296.00 | \$7.00 | \$10,024.00 |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$600.00 | \$24.00 | \$800.00 | \$32.00 | \$600.00 | \$24.00 |
| 803 | 6" Conduit, Type A | 805 | FT | \$75.00 | \$60,375.00 | \$62.00 | \$49,910.00 | \$78.00 | \$62,790.00 | \$66.00 | \$53,130.00 |
| 803 | 8" Conduit, Type A | 1752 | FT | \$90.00 | \$157,680.00 | \$60.00 | \$105,120.00 | \$69.00 | \$120,888.00 | \$71.00 | \$124,392.00 |
| 803 | 12" Conduit, Type B | 24 | FT | \$85.00 | \$2,040.00 | \$100.00 | \$2,400.00 | \$93.00 | \$2,232.00 | \$87.00 | \$2,088.00 |
| 803 | 18" Conduit, Type A | 18 | FT | \$250.00 | \$4,500.00 | \$120.00 | \$2,160.00 | \$93.00 | \$1,674.00 | \$138.00 | \$2,484.00 |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | J & J Schlaegel, Inc. 1250 E. US Hwy 36 Urbana, OH 43078 Phone (937) 652-2045 Fax (937) 652-2046 | | C.G. Construction & Utilities 6891 Germantown Pike Miamisburg, OH 45342 Phone (937) 866-7166 Fax (937) 865-9271 | | Milcon Concrete, Inc. 1360 S. Co. Rd 25A Troy, OH 45373 Phone (937) 339-6274 Fax (937) 335-9881 | |
|--------------------|---|-----------|------|---------------------|-------------|--|-------------|---|-------------|---|-------------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$500.00 | \$16,000.00 | \$280.00 | \$8,960.00 | \$445.00 | \$14,240.00 |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$4,290.00 | \$42,900.00 | \$3,975.00 | \$39,750.00 | \$4,495.00 | \$44,950.00 |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$8,000.00 | \$8,000.00 | \$9,574.00 | \$9,574.00 | \$4,280.00 | \$4,280.00 |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$100.00 | \$150.00 | \$250.00 | \$375.00 | \$170.00 | \$255.00 |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$1,500.00 | \$1,500.00 | \$1,975.00 | \$1,975.00 | \$1,047.00 | \$1,047.00 |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$1,750.00 | \$1,750.00 | \$2,000.00 | \$2,000.00 | \$1,800.00 | \$1,800.00 |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$9,540.00 | \$9,540.00 | \$3,664.00 | \$3,664.00 | \$4,500.00 | \$4,500.00 |
| GRAND TOTAL | | | | \$435,384.00 | | \$338,866.60 | | \$360,114.00 | | \$369,874.00 | |

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|----------|---|-----------|------|---------------------|--------------|---|--------------|--|--------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 201 | Tree Removed, 18" | 5 | EA | \$3,000.00 | \$15,000.00 | \$1,016.00 | \$5,080.00 | \$2,000.00 | \$10,000.00 | | |
| 202 | <i>Pipe Removed</i> | 143 | FT | \$45.00 | \$6,435.00 | \$5.49 | \$784.86 | \$5.00 | \$715.00 | | |
| 202 | <i>Pavement Removed</i> | 706 | SY | \$12.00 | \$8,472.00 | \$15.87 | \$11,201.40 | \$5.00 | \$3,530.00 | | |
| 202 | Drive Removed | 31 | SF | \$5.00 | \$155.00 | \$10.16 | \$314.96 | \$10.00 | \$310.00 | | |
| 202 | <i>Curb Removed</i> | 20 | FT | \$10.00 | \$200.00 | \$10.03 | \$200.66 | \$10.00 | \$200.00 | | |
| 202 | <i>Curb and Gutter Removed</i> | 75 | FT | \$12.00 | \$900.00 | \$4.20 | \$314.96 | \$10.00 | \$750.00 | | |
| 202 | <i>Walk Removed</i> | 535 | SF | \$3.00 | \$1,605.00 | \$1.16 | \$621.03 | \$2.00 | \$1,070.00 | | |
| 202 | Manhole Removed | 1 | EA | \$1,000.00 | \$1,000.00 | \$515.62 | \$515.62 | \$500.00 | \$500.00 | | |
| 204 | <i>Excavation of Subgrade</i> | 50 | CY | \$50.00 | \$2,500.00 | \$24.51 | \$1,225.55 | \$30.00 | \$1,500.00 | | |
| 261 | <i>Pavement Restoration, Type A</i> | 706 | SY | \$50.00 | \$35,300.00 | \$44.38 | \$31,332.81 | \$25.00 | \$17,650.00 | | |
| 261 | <i>Pavement Restoration, Type E, (6" Item 304, Aggregate Base)</i> | 85 | SY | \$20.00 | \$1,700.00 | \$60.85 | \$5,172.08 | \$5.00 | \$425.00 | | |
| 262 | Base Pulverizing and Shaping with Calcimite | 790 | SY | \$10.00 | \$7,900.00 | \$24.13 | \$19,062.70 | \$25.00 | \$19,750.00 | | |
| 407 | <i>Tack Coat, Trackless Tack, Intermediate Course</i> | 35 | GAL | \$5.00 | \$175.00 | \$24.37 | \$852.81 | \$5.00 | \$175.00 | | |
| 441 | <i>1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22</i> | 60 | TON | \$90.00 | \$5,400.00 | \$137.88 | \$8,272.78 | \$125.00 | \$7,500.00 | | |
| 441 | <i>1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22</i> | 80 | TON | \$90.00 | \$7,200.00 | \$116.11 | \$9,288.78 | \$110.00 | \$8,800.00 | | |
| 608 | <i>4" Concrete Walk</i> | 535 | SF | \$10.00 | \$5,350.00 | \$11.18 | \$5,979.16 | \$8.00 | \$4,280.00 | | |
| 608 | 6" Concrete Drive | 31 | SF | \$12.00 | \$372.00 | \$12.70 | \$393.70 | \$10.00 | \$310.00 | | |
| 609 | Curb, Type A, Straight | 20 | FT | \$40.00 | \$800.00 | \$46.99 | \$939.80 | \$30.00 | \$600.00 | | |
| 609 | Combination Curb and Gutter, | 75 | FT | \$45.00 | \$3,375.00 | \$49.53 | \$3,714.75 | \$35.00 | \$2,625.00 | | |
| 614 | Maintenance of Traffic | 1 | LS | \$10,000.00 | \$10,000.00 | \$3,810.00 | \$3,810.00 | \$5,000.00 | \$5,000.00 | | |
| 623 | Construction Layout Stakes | 1 | LS | \$6,000.00 | \$6,000.00 | \$3,175.00 | \$3,175.00 | \$3,000.00 | \$3,000.00 | | |
| 653 | Topsoil Furnished and Placed | 64 | CY | \$75.00 | \$4,800.00 | \$82.55 | \$5,283.20 | \$75.00 | \$4,800.00 | | |
| 659 | <i>Seeding and Mulching</i> | 1,432 | SY | \$5.00 | \$7,160.00 | \$3.49 | \$5,001.26 | \$3.00 | \$4,296.00 | | |
| 659 | Commercial Fertilizer | 0.04 | TON | \$1,000.00 | \$40.00 | \$952.50 | \$38.10 | \$1,000.00 | \$40.00 | | |
| 803 | <i>6" Conduit, Type A</i> | 805 | FT | \$75.00 | \$60,375.00 | \$107.44 | \$86,491.06 | \$115.00 | \$92,575.00 | | |
| 803 | <i>8" Conduit, Type A</i> | 1752 | FT | \$90.00 | \$157,680.00 | \$77.45 | \$135,685.59 | \$125.00 | \$219,000.00 | | |
| 803 | <i>12" Conduit, Type B</i> | 24 | FT | \$85.00 | \$2,040.00 | \$74.57 | \$1,789.75 | \$100.00 | \$2,400.00 | | |
| 803 | <i>18" Conduit, Type A</i> | 18 | FT | \$250.00 | \$4,500.00 | \$159.29 | \$2,867.28 | \$100.00 | \$1,800.00 | | |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|--------------------|---|-----------|------|---------------------|-------------|---|-------------|--|-------------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | \$350.00 | \$11,200.00 | \$61.80 | \$1,977.54 | \$150.00 | \$4,800.00 | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | \$5,000.00 | \$50,000.00 | \$2,645.73 | \$26,457.28 | \$4,000.00 | \$40,000.00 | | |
| 804 | Manhole, No. 1, Type A-1, As Per Plan | 1 | EA | \$6,500.00 | \$6,500.00 | \$6,914.83 | \$6,914.83 | \$5,000.00 | \$5,000.00 | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | \$500.00 | \$750.00 | \$1,104.27 | \$1,656.40 | \$100.00 | \$150.00 | | |
| 832 | Temporary Soil Erosion Control | 1 | LS | \$3,000.00 | \$3,000.00 | \$5,080.00 | \$5,080.00 | \$2,500.00 | \$2,500.00 | | |
| 1001 | Premium for Owners Protective Insurance | 1 | LS | \$2,500.00 | \$2,500.00 | \$3,175.00 | \$3,175.00 | \$2,500.00 | \$2,500.00 | | |
| 1002 | Premium for Contract Performance and Payment Bond | 1 | LS | \$5,000.00 | \$5,000.00 | \$7,620.00 | \$7,620.00 | \$7,500.00 | \$7,500.00 | | |
| GRAND TOTAL | | | | \$435,384.00 | | \$402,290.70 | | \$476,051.00 | | | |
| | | | | | | Read as \$402,290.68 | | Read as \$473,551.00 | | | |
| CORRECTION | | | | | | | | | | | |
| 202 | Pipe Removed | 143 | FT | | | \$5.49 | \$785.07 | | | | |
| 202 | Pavement Removed | 706 | SY | | | \$15.87 | \$11,204.22 | | | | |
| 202 | Curb Removed | 20 | FT | | | \$10.03 | \$200.60 | | | | |
| 202 | Curb and Gutter Removed | 75 | FT | | | \$4.20 | \$315.00 | | | | |
| 202 | Walk Removed | 535 | SF | | | \$1.16 | \$620.60 | | | | |
| 204 | Excavation of Subgrade | 50 | CY | | | \$24.51 | \$1,225.50 | | | | |
| 261 | Pavement Restoration, Type A | 706 | SY | | | \$44.38 | \$31,332.28 | | | | |
| 261 | Pavement Restoration, Type E, (6" Item 304, Aggregate Base) | 85 | SY | | | \$60.85 | \$5,172.25 | | | | |
| 407 | Tack Coat, Trackless Tack, Intermediate Course | 35 | GAL | | | \$24.37 | \$852.95 | | | | |
| 441 | 1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 | 60 | TON | | | \$137.88 | \$8,272.80 | | | | |
| 441 | 1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 | 80 | TON | | | \$116.11 | \$9,288.80 | | | | |
| 608 | 4" Concrete Walk | 535 | SF | | | \$11.18 | \$5,981.30 | | | | |
| 659 | Seeding and Mulching | 1,432 | SY | | | \$3.49 | \$4,997.68 | | | | |

2017 MISC SEWER REPLACEMENT

BIDS RECEIVED ON: February 16, 2018

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| | | | | ENGINEER'S ESTIMATE | | Sturm Construction 2596 Wapak Avenue Sidney, OH 45365 Phone (937) 543-8228 | | Kinnison Excavating, Inc. 2076 Clevenger Rd. Piqua, OH 45356 Phone (937) 773-2320 Fax (937) 773-4056 | | | |
|-------------------------|-------------------------------------|-----------|------|---------------------|-------|---|--------------|--|-------|-----------|-------|
| ITEM NO. | DESCRIPTION | EST. QTY. | UNIT | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL | UNIT COST | TOTAL |
| <i>CORRECTION cont.</i> | | | | | | | | | | | |
| 803 | 6" Conduit, Type A | 805 | FT | | | \$107.44 | \$86,489.20 | | | | |
| 803 | 8" Conduit, Type A | 1752 | FT | | | \$77.45 | \$135,692.40 | | | | |
| 803 | 12" Conduit, Type B | 24 | FT | | | \$74.57 | \$1,789.68 | | | | |
| 803 | 18" Conduit, Type A | 18 | FT | | | \$159.29 | \$2,867.22 | | | | |
| 803 | 8" x 6" Sanitary Service Connection | 32 | EA | | | \$61.80 | \$1,977.60 | | | | |
| 804 | Manhole, No. 1, Type A-1 | 10 | EA | | | \$2,645.73 | \$26,457.30 | | | | |
| 804 | Manhole Depth in Excess of 10 Feet | 1.5 | FT | | | \$1,104.27 | \$1,656.41 | | | | |
| CORRECT TOTAL | | | | | | \$402,296.52 | | \$476,051.00 | | | |