

ENGINEER'S ESTIMATE - OPTION 1: BIKE LANES

167TH AVENUE RECONSTRUCTION
 CITY PROJECT NO. 23-04
 CITY OF RAMSEY, MN
 BMI PROJECT NO. 0R1.129245



| ENGINEER'S ESTIMATE | | | | | | | | ROADWAY | | BIKE LANES | | STORM SEWER | | WATERMAIN | |
|---------------------|----------------|---|---------|--------------------------|----------|-------------|--------------|----------|--------------|------------|-------------|-------------|-------------|-----------|------------|
| ITEM NO. | MnDOT SPEC NO. | ITEM | NOTES | TOTAL ESTIMATED QUANTITY | UNIT | UNIT PRICE | TOTAL AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT |
| 1 | 2021.501 | MOBILIZATION | | 1 | LUMP SUM | \$80,000.00 | \$80,000.00 | 0.77 | \$61,600.00 | 0.06 | \$4,800.00 | 0.13 | \$10,400.00 | 0.04 | \$3,200.00 |
| 2 | 2104.503 | REMOVE PIPE SEWERS | | 1,325 | LIN FT | \$20.00 | \$26,500.00 | | | | | 1325 | \$26,500.00 | | |
| 3 | 2104.503 | SAWING BIT PAVEMENT (FULL DEPTH) | | 1,320 | LIN FT | \$2.50 | \$3,300.00 | 1320 | \$3,300.00 | | | | | | |
| 4 | 2104.503 | REMOVE CURB AND GUTTER | | 1,600 | LIN FT | \$4.00 | \$6,400.00 | 1600 | \$6,400.00 | | | | | | |
| 5 | 2104.504 | REMOVE CONCRETE PAVEMENT | | 240 | SQ YD | \$10.00 | \$2,400.00 | 240 | \$2,400.00 | | | | | | |
| 6 | 2106.507 | EXCAVATION - COMMON (EV) | (P) (1) | 2,200 | CU YD | \$18.00 | \$39,600.00 | 2200 | \$39,600.00 | | | | | | |
| 7 | 2106.507 | EXCAVATION - SUBGRADE (EV) | | 500 | CU YD | \$15.00 | \$7,500.00 | 500 | \$7,500.00 | | | | | | |
| 8 | 2106.507 | STABILIZING AGGREGATE (CV) | | 500 | CU YD | \$20.00 | \$10,000.00 | 500 | \$10,000.00 | | | | | | |
| 9 | 2112.519 | SUBGRADE PREPARATION | | 59 | ROAD ST | \$500.00 | \$29,500.00 | 59 | \$29,500.00 | | | | | | |
| 10 | 2118.507 | AGGREGATE SURFACING (CV) CLASS 2 | | 100 | CU YD | \$85.00 | \$8,500.00 | 100 | \$8,500.00 | | | | | | |
| 11 | 2123.610 | STREET SWEEPER (WITH PICKUP BROOM) | | 20 | HOURL | \$200.00 | \$4,000.00 | 20 | \$4,000.00 | | | | | | |
| 12 | 2215.504 | FULL DEPTH RECLAMATION (10") | | 30,760 | SQ YD | \$2.50 | \$76,900.00 | 30760 | \$76,900.00 | | | | | | |
| 13 | 2231.604 | BITUMINOUS PATCH SPECIAL (DRIVEWAY) | | 760 | SQ YD | \$80.00 | \$60,800.00 | 760 | \$60,800.00 | | | | | | |
| 14 | 2360.509 | TYPE SP 9.5 WEARING COURSE MIX (3,C) | | 3,700 | TON | \$100.00 | \$370,000.00 | 3700 | \$370,000.00 | | | | | | |
| 15 | 2360.509 | TYPE SP 12.5 NON WEARING COURSE MIX (3,C) | | 3,700 | TON | \$95.00 | \$351,500.00 | 3700 | \$351,500.00 | | | | | | |
| 16 | 2501.502 | 12" CS PIPE APRON | | 14 | EACH | \$300.00 | \$4,200.00 | | | | | 14 | \$4,200.00 | | |
| 17 | 2501.502 | 15" CS PIPE APRON | | 12 | EACH | \$600.00 | \$7,200.00 | | | | | 12 | \$7,200.00 | | |
| 18 | 2501.502 | 18" CS PIPE APRON | | 48 | EACH | \$700.00 | \$33,600.00 | | | | | 48 | \$33,600.00 | | |
| 19 | 2501.502 | 36" RC PIPE APRON | | 2 | EACH | \$1,700.00 | \$3,400.00 | | | | | 2 | \$3,400.00 | | |
| 20 | 2503.503 | 12" CS PIPE CULVERT | | 210 | EACH | \$55.00 | \$11,550.00 | | | | | 210 | \$11,550.00 | | |
| 21 | 2503.503 | 15" CS PIPE CULVERT | | 140 | LIN FT | \$62.00 | \$8,680.00 | | | | | 140 | \$8,680.00 | | |
| 22 | 2503.503 | 18" CS PIPE CULVERT | | 975 | LIN FT | \$65.00 | \$63,375.00 | | | | | 975 | \$63,375.00 | | |
| 23 | 2503.503 | 36" RC PIPE SEWER DESIGN 3006 CLASS V | | 70 | LIN FT | \$100.00 | \$7,000.00 | | | | | 70 | \$7,000.00 | | |
| 24 | 2504.602 | ADJUST GATE VALVE BOX | | 9 | EACH | \$500.00 | \$4,500.00 | | | | | | | 9 | \$4,500.00 |
| 25 | 2521.518 | 6" CONCRETE WALK | | 2,720 | SQ FT | \$13.50 | \$36,720.00 | | | 2720 | \$36,720.00 | | | | |
| 26 | 2531.503 | CONCRETE CURB AND GUTTER DESIGN B618 | | 1,600 | LIN FT | \$16.00 | \$25,600.00 | 1600 | \$25,600.00 | | | | | | |
| 27 | 2531.618 | TRUNCATED DOMES | | 50 | SQ FT | \$60.00 | \$3,000.00 | | | 50 | \$3,000.00 | | | | |
| 28 | 2531.504 | 8" CONCRETE DRIVEWAY PAVEMENT | | 160 | SQ YD | \$80.00 | \$12,800.00 | 160 | \$12,800.00 | | | | | | |
| 29 | 2563.601 | TRAFFIC CONTROL | | 1 | LUMP SUM | \$20,000.00 | \$20,000.00 | 0.77 | \$15,400.00 | 0.06 | \$1,200.00 | 0.13 | \$2,600.00 | 0.04 | \$800.00 |
| 30 | 2564.518 | SIGN PANELS TYPE C | | 130 | SQ FT | \$70.00 | \$9,100.00 | | | 130 | \$9,100.00 | | | | |
| 31 | 2573.501 | STABILIZED CONSTRUCTION EXIT | | 1 | LUMP SUM | \$2,500.00 | \$2,500.00 | 0.77 | \$1,925.00 | 0.06 | \$150.00 | 0.13 | \$325.00 | 0.04 | \$100.00 |
| 32 | 2573.502 | STORM DRAIN INLET PROTECTION | | 2 | EACH | \$200.00 | \$400.00 | | | | | 2 | \$400.00 | | |
| 33 | 2573.502 | CULVERT END CONTROLS | | 40 | EACH | \$300.00 | \$12,000.00 | | | | | 40 | \$12,000.00 | | |
| 34 | 2573.503 | SILT FENCE, TYPE MS | | 2,000 | LIN FT | \$2.00 | \$4,000.00 | 2000 | \$4,000.00 | | | | | | |
| 35 | 2573.503 | SEDIMENT CONTROL LOG TYPE WOOD FIBER | | 500 | LIN FT | \$2.50 | \$1,250.00 | 500 | \$1,250.00 | | | | | | |
| 36 | 2574.505 | FERTILIZER TYPE 3 | | 350 | POUND | \$1.50 | \$525.00 | 350 | \$525.00 | | | | | | |
| 37 | 2574.507 | COMMON TOPSOIL BORROW | | 410 | CU YD | \$40.00 | \$16,400.00 | 410 | \$16,400.00 | | | | | | |
| 38 | 2575.504 | ROLLED EROSION PREVENTION CATEGORY 20 | | 500 | SQ YD | \$1.50 | \$750.00 | 500 | \$750.00 | | | | | | |

ENGINEER'S ESTIMATE - OPTION 1: BIKE LANES

167TH AVENUE RECONSTRUCTION
 CITY PROJECT NO. 23-04
 CITY OF RAMSEY, MN
 BMI PROJECT NO. 0R1.129245



| ENGINEER'S ESTIMATE | | | | | | | | ROADWAY | | BIKE LANES | | STORM SEWER | | WATERMAIN | |
|---------------------|----------------|---------------------------------|-------|--------------------------|--------|------------|--------------|----------|------------|------------|-------------|-------------|--------|-----------|--------|
| ITEM NO. | MnDOT SPEC NO. | ITEM | NOTES | TOTAL ESTIMATED QUANTITY | UNIT | UNIT PRICE | TOTAL AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT | QUANTITY | AMOUNT |
| 39 | 2575.505 | SEEDING | | 1 | ACRE | \$500.00 | \$500.00 | 1 | \$500.00 | | | | | | |
| 40 | 2575.508 | SEED MIXTURE 25-121 | | 92 | POUND | \$5.00 | \$460.00 | 92 | \$460.00 | | | | | | |
| 41 | 2575.508 | HYDRAULIC BONDED FIBER MATRIX | | 3,500 | POUND | \$1.50 | \$5,250.00 | 3500 | \$5,250.00 | | | | | | |
| 42 | 2582.503 | 4" SOLID LINE MULTI COMP | | 22,425 | LIN FT | \$1.00 | \$22,425.00 | | | 22425 | \$22,425.00 | | | | |
| 43 | 2582.503 | 24" SOLID LINE MULTI COMP | | 50 | LIN FT | \$17.00 | \$850.00 | | | 50 | \$850.00 | | | | |
| 44 | 2582.503 | 4" DOUBLE SOLID LINE MULTI COMP | | 6,350 | LIN FT | \$2.00 | \$12,700.00 | | | 6350 | \$12,700.00 | | | | |
| 45 | 2582.518 | PAVEMENT MESSAGE MULTI COMP | | 350 | SQ FT | \$30.00 | \$10,500.00 | | | 350 | \$10,500.00 | | | | |

| | | | | | |
|------------------------------------|-----------------------|-----------------------|---------------------|---------------------|-------------------|
| ESTIMATED CONSTRUCTION TOTAL: | <u>\$1,418,135.00</u> | <u>\$1,116,860.00</u> | <u>\$101,445.00</u> | <u>\$191,230.00</u> | <u>\$8,600.00</u> |
| 10% CONSTRUCTION CONTINGENCY: | <u>\$141,813.50</u> | <u>\$111,686.00</u> | <u>\$10,144.50</u> | <u>\$19,123.00</u> | <u>\$860.00</u> |
| TOTAL ESTIMATED CONSTRUCTION COST: | <u>\$1,559,948.50</u> | <u>\$1,228,546.00</u> | <u>\$111,589.50</u> | <u>\$210,353.00</u> | <u>\$9,460.00</u> |

NOTES:
 (1) INCLUDES TOPSOIL STRIPPING AND STOCKPILING