

# ENGINEER'S ESTIMATE

N 3rd St/W Lyon St Reconstruction  
 City of Marshall, MN  
 BMI Project No. OW1.127006



Real People. Real Solutions.

Date: 9/26/2022

| Item No.        | MnDOT Spec No. | Item                                       | Notes | Quantity | Unit     | Unit Price   | Total Amount |
|-----------------|----------------|--|-------|----------|----------|--------------|--------------|
| <b>BASE BID</b> |                |  |       |          |          |              |              |
| 1               | 2011.601       | MOBILIZATION                               |       | 1        | LUMP SUM | \$150,000.00 | \$150,000.00 |
| 2               | 2104.502       | REMOVE MANHOLE                             |       | 5        | EACH     | \$750.00     | \$3,750.00   |
| 3               | 2104.502       | REMOVE GATE VALVE                          |       | 5        | EACH     | \$250.00     | \$1,250.00   |
| 4               | 2104.502       | REMOVE HYDRANT                             |       | 1        | EACH     | \$550.00     | \$550.00     |
| 5               | 2104.502       | REMOVE DRAINAGE STRUCTURE                  |       | 15       | EACH     | \$475.00     | \$7,125.00   |
| 6               | 2104.502       | REMOVE SIGN                                |       | 50       | EACH     | \$80.00      | \$4,000.00   |
| 7               | 2104.503       | SAWING CONCRETE PAVEMENT (FULL DEPTH)      |       | 50       | LIN FT   | \$10.00      | \$500.00     |
| 8               | 2104.503       | SAWING BITUMINOUS PAVEMENT (FULL DEPTH)    |       | 365      | LIN FT   | \$10.00      | \$3,650.00   |
| 9               | 2104.503       | REMOVE WATER MAIN                          |       | 1594     | LIN FT   | \$15.00      | \$23,910.00  |
| 10              | 2104.503       | REMOVE SEWER PIPE (STORM)                  |       | 670      | LIN FT   | \$15.00      | \$10,050.00  |
| 11              | 2104.503       | REMOVE SEWER PIPE (SANITARY)               |       | 1813     | LIN FT   | \$15.00      | \$27,195.00  |
| 12              | 2104.503       | REMOVE CURB AND GUTTER                     |       | 3700     | LIN FT   | \$3.00       | \$11,100.00  |
| 13              | 2104.503       | REMOVE SANITARY SERVICE PIPE               |       | 1172     | LIN FT   | \$20.00      | \$23,440.00  |
| 14              | 2104.503       | REMOVE WATER SERVICE PIPE                  |       | 600      | LIN FT   | \$20.00      | \$12,000.00  |
| 15              | 2104.503       | ABATE ASBESTOS-CONTAINING PIPES            |       | 200      | LIN FT   | \$25.00      | \$5,000.00   |
| 16              | 2104.504       | REMOVE CONCRETE DRIVEWAY PAVEMENT          |       | 428      | SQ YD    | \$2.00       | \$856.00     |
| 17              | 2104.504       | REMOVE CONCRETE PAVEMENT                   |       | 50       | SQ YD    | \$5.50       | \$275.00     |
| 18              | 2104.504       | REMOVE BITUMINOUS PAVEMENT                 |       | 11681    | SQ YD    | \$2.25       | \$26,282.25  |
| 19              | 2104.518       | REMOVE CONCRETE WALK                       |       | 3854     | SQ FT    | \$1.50       | \$5,781.00   |
| 20              | 2106.507       | EXCAVATION - COMMON                        |       | 5000     | CU YD    | \$9.00       | \$45,000.00  |
| 21              | 2106.507       | EXCAVATION - SUBGRADE                      |       | 500      | CU YD    | \$10.00      | \$5,000.00   |
| 22              | 2106.507       | SELECT GRANULAR EMBANKMENT (CV)            |       | 3500     | CU YD    | \$12.00      | \$42,000.00  |
| 23              | 2106.507       | COMMON EMBANKMENT (CV)                     |       | 500      | CU YD    | \$3.50       | \$1,750.00   |
| 24              | 2108.504       | GEOTEXTILE FABRIC TYPE 7                   |       | 10000    | SQ YD    | \$3.25       | \$32,500.00  |
| 25              | 2211.507       | AGGREGATE BASE (CV) CLASS 5                |       | 2800     | CU YD    | \$30.00      | \$84,000.00  |
| 26              | 2301.504       | CONCRETE PAVEMENT 7.0"                     |       | 9181     | SQ YD    | \$65.00      | \$596,765.00 |
| 27              | 2502.503       | 4" PERF TP PIPE DRAIN                      |       | 3940     | LIN FT   | \$12.00      | \$47,280.00  |
| 28              | 2502.602       | 4" PVC PIPE DRAIN CLEANOUT                 |       | 4        | EACH     | \$350.00     | \$1,400.00   |
| 29              | 2503.503       | 15" RC PIPE SEWER DESIGN 3006 CLASS V      |       | 100      | LIN FT   | \$56.00      | \$5,600.00   |
| 30              | 2503.503       | 18" RC PIPE SEWER DESIGN 3006 CLASS III    |       | 650      | LIN FT   | \$65.00      | \$42,250.00  |
| 31              | 2503.503       | 24" RC PIPE SEWER DESIGN 3006 CLASS III    |       | 300      | LIN FT   | \$80.00      | \$24,000.00  |
| 32              | 2503.602       | CONSTRUCT BULKHEAD                         |       | 2        | EACH     | \$1,000.00   | \$2,000.00   |
| 33              | 2503.602       | CONNECT TO EXISTING SANITARY SEWER         |       | 2        | EACH     | \$2,000.00   | \$4,000.00   |
| 34              | 2503.602       | CONNECT TO EXISTING STORM SEWER            |       | 5        | EACH     | \$1,500.00   | \$7,500.00   |
| 35              | 2503.602       | CONNECT TO EXISTING SANITARY SEWER SERVICE |       | 27       | EACH     | \$1,000.00   | \$27,000.00  |
| 36              | 2503.603       | 8" PVC PIPE SEWER                          |       | 1449     | LIN FT   | \$60.00      | \$86,940.00  |
| 37              | 2503.603       | 4" PVC SANITARY SERVICE PIPE               |       | 954      | LIN FT   | \$50.00      | \$47,700.00  |
| 38              | 2503.603       | 6" PVC SANITARY SERVICE PIPE               |       | 218      | LIN FT   | \$50.00      | \$10,900.00  |
| 39              | 2504.601       | TEMPORARY WATER SERVICE                    |       | 1        | LUMP SUM | \$10,000.00  | \$10,000.00  |
| 40              | 2504.602       | CONNECT TO EXISTING WATER MAIN             |       | 4        | EACH     | \$2,100.00   | \$8,400.00   |
| 41              | 2504.602       | CONNECT TO EXISTING WATER SERVICE          |       | 16       | EACH     | \$400.00     | \$6,400.00   |
| 42              | 2504.602       | HYDRANT                                    |       | 2        | EACH     | \$6,500.00   | \$13,000.00  |
| 43              | 2504.602       | 1" CORPORATION STOP & SADDLE               |       | 8        | EACH     | \$775.00     | \$6,200.00   |
| 44              | 2504.602       | 2" CORPORATION STOP & SADDLE               |       | 8        | EACH     | \$1,100.00   | \$8,800.00   |
| 45              | 2504.602       | 6" GATE VALVE AND BOX                      |       | 2        | EACH     | \$2,500.00   | \$5,000.00   |
| 46              | 2504.602       | 8" GATE VALVE AND BOX                      |       | 6        | EACH     | \$3,000.00   | \$18,000.00  |
| 47              | 2504.602       | 1" CURB STOP                               |       | 8        | EACH     | \$1,000.00   | \$8,000.00   |
| 48              | 2504.602       | 2" CURB STOP                               |       | 8        | EACH     | \$1,250.00   | \$10,000.00  |
| 49              | 2504.603       | 1" TYPE PE PIPE                            |       | 300      | LIN FT   | \$35.00      | \$10,500.00  |

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| 50                               | 2504.603       | 2" TYPE PE PIPE   |       | 300      | LIN FT   | \$40.00     | \$12,000.00           |
| 51                               | 2504.603       | 8" PVC WATERMAIN  |       | 1574     | LIN FT   | \$65.00     | \$102,310.00          |
| 52                               | 2504.604       | 4" INSULATION   |       | 50       | SQ YD    | \$40.00     | \$2,000.00            |
| 53                               | 2504.608       | DUCTILE IRON FITTINGS                                     |       | 1200     | POUND    | \$14.00     | \$16,800.00           |
| 54                               | 2506.502       | CASTING ASSEMBLY  |       | 25       | EACH     | \$825.00    | \$20,625.00           |
| 55                               | 2506.502       | ADJUST FRAME AND RING CASTING                             |       | 2        | EACH     | \$650.00    | \$1,300.00            |
| 56                               | 2506.503       | CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1             |       | 50       | LIN FT   | \$450.00    | \$22,500.00           |
| 57                               | 2506.503       | CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020               |       | 50       | LIN FT   | \$525.00    | \$26,250.00           |
| 58                               | 2506.503       | CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020               |       | 10       | LIN FT   | \$700.00    | \$7,000.00            |
| 59                               | 2506.603       | CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 2             |       | 50       | LIN FT   | \$600.00    | \$30,000.00           |
| 60                               | 2506.602       | ADJUST FRAME AND RING CASTING (SPECIAL)                   |       | 2        | EACH     | \$2,000.00  | \$4,000.00            |
| 61                               | 2521.518       | 6" CONCRETE WALK  |       | 46286    | SQ FT    | \$8.00      | \$370,288.00          |
| 62                               | 2531.503       | CONCRETE CURB AND GUTTER DESIGN B618                      |       | 3940     | LIN FT   | \$18.50     | \$72,890.00           |
| 63                               | 2531.504       | 7" CONCRETE DRIVEWAY PAVEMENT                             |       | 597      | SQ YD    | \$60.00     | \$35,820.00           |
| 64                               | 2531.618       | TRUNCATED DOMES   |       | 280      | SQ FT    | \$55.00     | \$15,400.00           |
| 65                               | 2540.602       | RELOCATE MAIL BOX   |       | 1        | EACH     | \$150.00    | \$150.00              |
| 66                               | 2545.502       | LIGHT UNIT TYPE A2 - INTERSECTION LIGHT                   |       | 2        | EACH     | \$6,500.00  | \$13,000.00           |
| 67                               | 2545.502       | LIGHT UNIT FOOTING ONLY - LIGHT POST BY OTHERS            |       | 35       | EACH     | \$800.00    | \$28,000.00           |
| 68                               | 2545.602       | LIGHT UNIT TYPE BB - LIT BOLLARD                          |       | 6        | EACH     | \$1,500.00  | \$9,000.00            |
| 69                               | 2545.602       | GFCI DUPLEX PEDESTAL (TYPE GH)                            |       | 12       | EACH     | \$1,500.00  | \$18,000.00           |
| 70                               | 2545.602       | 50 AMP - EVENT POWER PEDESTAL (TYPE PED)                  |       | 1        | EACH     | \$2,500.00  | \$2,500.00            |
| 71                               | 2545.503       | CIRCUITRY - CONDUIT + WIRE + HANDHOLES                    |       | 3200     | LIN FT   | \$18.00     | \$57,600.00           |
| 72                               | 2563.601       | TRAFFIC CONTROL   |       | 1        | LUMP SUM | \$30,000.00 | \$30,000.00           |
| 73                               | 2565.616       | REVISE SIGNAL SYSTEM                                      |       | 1        | SYSTEM   | \$50,000.00 | \$50,000.00           |
| 74                               | 2571.524       | DECIDUOUS TREE 2.5" CAL B&B                               |       | 1        | TREE     | \$750.00    | \$750.00              |
| 75                               | 2571.525       | LANDSCAPE AREA  |       | 3725     | SQ FT    | \$15.00     | \$55,875.00           |
| 76                               | 2574.507       | BOULEVARD TOPSOIL BORROW (PLANTINGS)                      |       | 207      | CU YD    | \$70.00     | \$14,490.00           |
| 77                               | 2575.504       | BOLLARD - SALVAGE & REINSTALL ON NEW FOOTING              |       | 24       | EACH     | \$1,000.00  | \$24,000.00           |
| 78                               | 2575.504       | TREE GRATE + FRAME + CU SOIL                              |       | 6        | EACH     | \$6,000.00  | \$36,000.00           |
| 79                               | 2540.602       | BENCH - STANDARD (CITY SECURED, INSTALL ONLY)             |       | 10       | EACH     | \$2,000.00  | \$20,000.00           |
| 80                               | 2540.602       | TRASH RECEPTACLE (CITY SECURED, INSTALL ONLY)             |       | 6        | EACH     | \$1,800.00  | \$10,800.00           |
| 81                               | 2540.602       | BIKE RACK (CITY SECURED, INSTALL ONLY)                    |       | 3        | EACH     | \$600.00    | \$1,800.00            |
| 82                               | 2563.601       | SIGNING & PAVEMENT MARKINGS (3%)                          |       | 1        | LUMP SUM | \$77,000.00 | \$77,000.00           |
| 83                               | 2575.601       | TURF ESTABLISHMENT & EROSION CONTROL (1.5%)               |       | 1        | LUMP SUM | \$40,000.00 | \$40,000.00           |
| <b>ESTIMATED BASE BID TOTAL:</b> |                |   |       |          |          |             | <b>\$2,762,747.25</b> |
| <b>ENHANCED STREETScape</b>      |                |   |       |          |          |             |                       |
| 79                               | 2521.518       | 6" CONCRETE WALK  |       | -6234    | SQ FT    | \$8.00      | -\$49,872.00          |
| 80                               | 2521.618       | 6" CONCRETE WALK - COLORED TYPE 1                         |       | 3962     | SQ FT    | \$12.00     | \$47,544.00           |
| 81                               | 2521.618       | 6" CONCRETE WALK - COLORED TYPE 2                         |       | 2272     | SQ FT    | \$12.00     | \$27,264.00           |
| 82                               | 2504.601       | IRRIGATION SYSTEM   |       | 1        | LUMP SUM | \$15,000.00 | \$15,000.00           |
| 83                               | 2540.602       | MONUMENT TYPE 1 + FOOTING                                 |       | 2        | EACH     | \$15,000.00 | \$30,000.00           |
| 84                               | 2540.603       | STONE BLOCK - MONOLITHIC                                  |       | 12       | LF       | \$1,500.00  | \$18,000.00           |
| 85                               | 2575.504       | PLANTERS - MOVABLE  |       | 28       | EACH     | \$2,000.00  | \$56,000.00           |
|                                  | 2545.502       | LIGHT UNIT TYPE A1 - STREET LIGHT WITH FESTOON ATTACHMENT |       | 8        | EACH     | \$13,000.00 | \$104,000.00          |
|                                  | 2545.502       | LIGHT UNIT FOOTING ONLY - LIGHT POST BY OTHERS            |       | -8       | EACH     | \$800.00    | -\$6,400.00           |
|                                  | 2545.502       | LIGHT UNIT TYPE EE - FESTOON CABLE LIGHTS                 |       | 300      | LIN FT   | \$35.00     | \$10,500.00           |
|                                  | 2545.603       | SUSPENSION CABLE & HARDWARE                               |       | 300      | LIN FT   | \$15.00     | \$4,500.00            |
|                                  | 2545.602       | 20 AMP - EVENT POWER PEDESTAL (TYPE GP)                   |       | 2        | EACH     | \$3,500.00  | \$7,000.00            |

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| 2540.602  |                | BENCH - STANDARD (CITY SECURED, INSTALL ONLY) |       | 2        | EACH | \$2,000.00  | \$4,000.00                   |
| 2540.602  |                | BENCH - SPECIAL (CITY SECURED, INSTALL ONLY)  |       | 6        | EACH | \$2,500.00  | \$15,000.00                  |
| 2540.602  |                | TRASH RECEPTACLE (CITY SECURED, INSTALL ONLY) |       | 4        | EACH | \$1,800.00  | \$7,200.00                   |
| 2540.602  |                | BIKE RACK (CITY SECURED, INSTALL ONLY)        |       | 3        | EACH | \$600.00    | \$1,800.00                   |
| 2540.602  |                | WAYFINDING KIOSK (CITY SECURED, INSTALL ONLY) |       | 1        | EACH | \$10,000.00 | \$10,000.00                  |
| <b>ESTIMATED ENHANCED STREETScape TOTAL:</b>    |                |   |       |          |      |             | <b><u>\$301,536.00</u></b>   |
| <b>10% CONTINGENCY (BASE &amp; STREETScape)</b> |                |   |       |          |      |             | <b>\$306,428.33</b>          |
| <b>ESTIMATED PROJECT TOTAL :</b>                |                |   |       |          |      |             | <b><u>\$3,370,711.58</u></b> |

ENHANCED STREETScape COST BY STREET  
 3RD STREET (MAIN-LYON): \$289,216.00  
 3RD STREET (LYON-REDWOOD): \$5,360  
 LYON STREET (COLLEGE - 5TH): \$6,960