



CITY OF INDEPENDENCE 2022 STREET PROGRAM
INDEPENDENCE, KENTUCKY
PROJECT: 211014
Bid Date 3/25/2022

ENGINEER'S ESTIMATE

PAUL MICHELS & SONS

| ITEM NO. | SPEC. NO. | ITEM | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|-------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|------------------|-----------------|------------------|
| BASE BID PART A - CONSTITUTION, LIBERTY, COBBLESTONE | | | | | | | | |
| 1 | 110 | MOBILIZATION | 1 | LS | \$5,000.00 | \$5,000.00 | \$18,500.00 | \$18,500.00 |
| 2 | 112 | MAINTENANCE OF TRAFFIC | 1 | LS | \$2,500.00 | \$2,500.00 | \$4,800.00 | \$4,800.00 |
| 3 | 202 | CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES) | 1 | LS | \$1,500.00 | \$1,500.00 | \$2,400.00 | \$2,400.00 |
| 4 | 204 | REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB | 6225 | SY | \$15.00 | \$93,375.00 | \$18.75 | \$116,718.75 |
| 5 | 204 | REMOVE EXISTING SINGLE CURB INLET | 12 | EA | \$500.00 | \$6,000.00 | \$350.00 | \$4,200.00 |
| 6 | 204 | EXCAVATION FOR GRANULAR BASE | 6225 | SY | \$3.00 | \$18,675.00 | \$3.00 | \$18,675.00 |
| 7 | 207 | SUBGRADE RESHAPING AND COMPACTING | 6225 | SY | \$1.00 | \$6,225.00 | \$1.25 | \$7,781.25 |
| 8 | SPL | YARD RESTORATION (4" TOPSOIL, SEED AND MULCH) | 1000 | SY | \$4.00 | \$4,000.00 | \$8.00 | \$8,000.00 |
| 9 | SPL | EROSION & WATER POLLUTION CONTROL | 1 | LS | \$1,000.00 | \$1,000.00 | \$1,250.00 | \$1,250.00 |
| 10 | 214 | MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE | 5775 | SY | \$2.00 | \$11,550.00 | \$2.10 | \$12,127.50 |
| 11 | 302 | 4" CRUSHED STONE BASE | 6225 | SY | \$6.50 | \$40,462.50 | \$7.25 | \$45,131.25 |
| 12 | 320/SPL* | CRUSHED STONE BASE, (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL) | 210 | CY | \$35.00 | \$7,350.00 | \$35.00 | \$7,350.00 |
| 13 | SPL* | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT) | 625 | SY | \$4.00 | \$2,500.00 | \$4.50 | \$2,812.50 |
| 14 | SPL | 8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB | 5850 | SY | \$55.00 | \$321,750.00 | \$65.50 | \$383,175.00 |
| 15 | SPL | 8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB - 3 DAY MIX | 375 | SY | \$65.00 | \$24,375.00 | \$75.50 | \$28,312.50 |
| 16 | SPL | ASPHALT PAVEMENT JOINT | 11 | EA | \$500.00 | \$5,500.00 | \$450.00 | \$4,950.00 |
| 17 | SPL | 6" CONCRETE APRON/DRIVEWAY REPLACEMENT | 3200 | SF | \$10.00 | \$32,000.00 | \$12.25 | \$39,200.00 |
| 18 | SPL | 4" CONCRETE SIDEWALK REPLACEMENT | 1700 | SF | \$10.00 | \$17,000.00 | \$11.00 | \$18,700.00 |

* CONTINGENCY ITEM - TO BE USED AT THE ENGINEER'S DIRECTION



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| 19 | SPL | ADA CURB RAMP | 10 | EA | \$600.00 | \$6,000.00 | \$300.00 | \$3,000.00 |
| 20 | 704 | 4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS) | 4100 | LF | \$9.00 | \$36,900.00 | \$11.75 | \$48,175.00 |
| 21 | SPL | DOUBLE GRATE CURB INLET (VANE GRATE) | 12 | EA | \$3,500.00 | \$42,000.00 | \$5,950.00 | \$71,400.00 |
| 22 | SPL | REMOVE EXISTING CURB INLET TOP/GRATE AND REPLACE WITH NEW TOP/GRATE (TOP PIECE ONLY) | 4 | EA | \$2,000.00 | \$8,000.00 | \$2,600.00 | \$10,400.00 |
| BASE TOTAL | | | | | | \$693,662.50 | | \$857,058.75 |
| BASE BID PART B - FALCON RIDGE | | | | | | | | |
| 23 | 110 | MOBILIZATION | 1 | LS | \$5,000.00 | \$5,000.00 | \$10,100.00 | \$10,100.00 |
| 24 | 112 | MAINTENANCE OF TRAFFIC | 1 | LS | \$2,500.00 | \$2,500.00 | \$2,600.00 | \$2,600.00 |
| 25 | 202 | CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES) | 1 | LS | \$1,500.00 | \$1,500.00 | \$1,400.00 | \$1,400.00 |
| 26 | 204 | REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB | 3400 | SY | \$15.00 | \$51,000.00 | \$18.75 | \$63,750.00 |
| 27 | 204 | REMOVE EXISTING SINGLE CURB INLET | 6 | EA | \$500.00 | \$3,000.00 | \$350.00 | \$2,100.00 |
| 28 | 204 | REMOVE EXISTING SLOTTED DRAIN | 2 | EA | \$500.00 | \$1,000.00 | \$200.00 | \$400.00 |
| 29 | 204 | EXCAVATION FOR GRANULAR BASE | 3350 | SY | \$3.00 | \$10,050.00 | \$3.00 | \$10,050.00 |
| 30 | 207 | SUBGRADE RESHAPING AND COMPACTING | 3350 | SY | \$1.00 | \$3,350.00 | \$1.25 | \$4,187.50 |
| 31 | SPL | YARD RESTORATION (4" TOPSOIL, SEED AND MULCH) | 500 | SY | \$4.00 | \$2,000.00 | \$8.00 | \$4,000.00 |
| 32 | SPL | EROSION & WATER POLLUTION CONTROL | 1 | LS | \$1,000.00 | \$1,000.00 | \$1,000.00 | \$1,000.00 |
| 33 | 214 | MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE | 3175 | SY | \$2.00 | \$6,350.00 | \$2.10 | \$6,667.50 |
| 34 | 302 | 4" CRUSHED STONE BASE | 3350 | SY | \$6.50 | \$21,775.00 | \$7.25 | \$24,287.50 |



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| 35 | 320/SPL* | CRUSHED STONE BASE, (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL) | 115 | CY | \$35.00 | \$4,025.00 | \$35.00 | \$4,025.00 |
| 36 | SPL* | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT) | 335 | SY | \$4.00 | \$1,340.00 | \$4.50 | \$1,507.50 |
| 37 | SPL | 8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB | 2400 | SY | \$55.00 | \$132,000.00 | \$67.50 | \$162,000.00 |
| 38 | SPL | 8" PCC PAVEMENT WITH INTEGRAL 3" ROLLED CURB - 3 DAY MIX | 950 | SY | \$65.00 | \$61,750.00 | \$77.50 | \$73,625.00 |
| 39 | SPL | ASPHALT PAVEMENT JOINT | 4 | EA | \$500.00 | \$2,000.00 | \$450.00 | \$1,800.00 |
| 40 | SPL | 6" CONCRETE APRON/DRIVEWAY REPLACEMENT | 2000 | SF | \$10.00 | \$20,000.00 | \$12.25 | \$24,500.00 |
| 41 | SPL | 4" CONCRETE SIDEWALK REPLACEMENT | 600 | SF | \$10.00 | \$6,000.00 | \$11.00 | \$6,600.00 |
| 42 | SPL | ADA CURB RAMP | 4 | EA | \$600.00 | \$2,400.00 | \$300.00 | \$1,200.00 |
| 43 | 704 | 4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS) | 1850 | LF | \$8.50 | \$15,725.00 | \$11.75 | \$21,737.50 |
| 44 | SPL | 12" STORM CONDUIT | 440 | LF | 90 | \$39,600.00 | \$131.00 | \$57,640.00 |
| 45 | SPL | 12" SLOTTED DRAIN | 40 | LF | 150 | \$6,000.00 | \$275.00 | \$11,000.00 |
| 46 | SPL | DOUBLE GRATE CURB INLET (VANE GRATE) | 11 | EA | 3500 | \$38,500.00 | \$5,250.00 | \$57,750.00 |
| 47 | SPL | REMOVE/REPLACE DOUBLE CURB INLET TOP, COMPLETE w/ MOUNTABLE GRATE | 1 | EA | 2000 | \$2,000.00 | \$2,600.00 | \$2,600.00 |
| ALTERNATE "B" TOTAL | | | | | | \$439,865.00 | | \$556,527.50 |