



HSQ GROUP, LLC.

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PROJECT NAME: MAINSTREET

DATE: October 20, 2022

PROJECT No.: 180332-

ENGINEER'S QUANTITIES CULLUM ROAD IMPROVEMENTS

WATER DISTRIBUTION SYSTEM ITEMS

| ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE / UNIT | TOTAL |
|-----------------|-----------------------|------|----------|--------------|---------------------|
| W1 | 6" DIP WATER MAIN | LF | 90 | \$65.00 | \$5,850.00 |
| W2 | 8" DIP WATER MAIN | LF | 2,960 | \$75.00 | \$222,000.00 |
| W3 | FIRE HYDRANT ASSEMBLY | EA | 5 | \$4,200.00 | \$21,000.00 |
| W4 | 12" WATER MAIN DIP | LF | | \$110.00 | \$0.00 |
| W5 | 6" GATE VALVE | EA | 5 | \$2,100.00 | \$10,500.00 |
| W6 | 12" GATE VALVE | EA | | \$4,600.00 | \$0.00 |
| W7 | 8" GATE VALVE | EA | 7 | \$2,400.00 | \$16,800.00 |
| W8 | 12"X12"X12"X12: CROSS | EA | | \$2,250.00 | \$0.00 |
| W9 | 12"X8"X12"X8" CROSS | EA | | \$2,850.00 | \$0.00 |
| W10 | 18"X18"X12" TEE | EA | | \$5,000.00 | \$0.00 |
| W11 | 12"X12"X12" TEE | EA | | \$2,850.00 | \$0.00 |
| W12 | 12"X12"X8" TEE | EA | | \$2,450.00 | \$0.00 |
| W13 | 12"X12"X6" TEE | EA | | \$2,250.00 | \$0.00 |
| W14 | 12"X8"X8" TEE | EA | | \$1,600.00 | \$0.00 |
| W15 | 8"X8"X8" TEE | EA | 3 | \$1,250.00 | \$3,750.00 |
| W16 | 8"X8"X6" TEE | EA | 5 | \$1,150.00 | \$5,750.00 |
| W17 | 12"X45° BEND | EA | 1 | \$1,650.00 | \$1,650.00 |
| W18 | 12"X22.5° BEND | EA | | \$1,250.00 | \$0.00 |
| W19 | 12"X11.25° BEND | EA | | \$1,250.00 | \$0.00 |
| W20 | 8"X22.5° BEND | EA | | \$800.00 | \$0.00 |
| W21 | 8"X90° BEND | EA | | \$800.00 | \$0.00 |
| W22 | 8" STUB OUT | EA | 2 | \$450.00 | \$900.00 |
| SUBTOTAL | | | | | \$288,200.00 |

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SEWER COLLECTION SYSTEM ITEMS

SDR-26

| ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE / UNIT | TOTAL |
|-----------------|------------------------------|------|----------|--------------|---------------------|
| S1 | 8" P.V.C. SEWER MAIN | LF | 1,748 | \$62.00 | \$108,376.00 |
| S2 | 10" P.V.C. SEWER MAIN | LF | | \$100.00 | \$0.00 |
| S3 | 4' DIA MANHOLE | EA | 11 | \$9,000.00 | \$99,000.00 |
| S4 | 18" DIP FORCE MAIN | LF | 0 | \$300.00 | \$0.00 |
| S5 | 24" DIP FORCE MAIN | LF | | \$400.00 | \$0.00 |
| S6 | 24"X45° BEND (FORCE MAIN) | EA | | \$13,000.00 | \$0.00 |
| S7 | 24"X11.25° BEND (FORCE MAIN) | EA | | \$13,000.00 | \$0.00 |
| S8 | 24" G.V. (FORCE MAIN) | EA | | \$35,000.00 | \$0.00 |
| S9 | 18"X18"X18" TEE (FORCE MAIN) | EA | 1 | \$22,000.00 | \$22,000.00 |
| S10 | 18"X45° BEND (FORCE MAIN) | EA | 2 | \$10,000.00 | \$20,000.00 |
| S11 | 18"X22.5° BEND (FORCE MAIN) | EA | | \$10,000.00 | \$0.00 |
| S12 | 18"X11.25° BEND (FORCE MAIN) | EA | | \$10,000.00 | \$0.00 |
| SUBTOTAL | | | | | \$249,376.00 |

DRAINAGE SYSTEM ITEMS

RCP

| ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE / UNIT | TOTAL |
|------|-------------|------|----------|--------------|--------------|
| D1 | 15" PIPE | LF | 36 | \$100.00 | \$3,600.00 |
| D1 | 18" PIPE | LF | 211 | \$100.00 | \$21,100.00 |
| D2 | 24" PIPE | LF | 0 | \$115.00 | \$0.00 |
| D3 | 36" PIPE | LF | 104 | \$220.00 | \$22,880.00 |
| D4 | 48" PIPE | LF | | \$320.00 | \$0.00 |
| D5 | 54" PIPE | LF | 934 | \$350.00 | \$326,900.00 |
| D6 | 60" PIPE | LF | 0 | \$420.00 | \$0.00 |
| D7 | 72" PIPE | LF | 972 | \$550.00 | \$534,600.00 |
| D8 | MANHOLE | EA | 7 | \$10,000.00 | \$70,000.00 |
| D9 | CATCH BASIN | EA | 22 | \$4,800.00 | \$105,600.00 |
| D10 | 18" ENDWALL | EA | 1 | \$4,500.00 | \$4,500.00 |
| D11 | 24" ENDWALL | EA | | \$4,500.00 | \$0.00 |

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| | | | | | |
|-----|-------------|----|---|-----------------|-----------------------|
| D12 | 36" ENDWALL | EA | 1 | \$4,500.00 | \$4,500.00 |
| D13 | 48" ENDWALL | EA | | \$5,500.00 | \$0.00 |
| D14 | 54" ENDWALL | EA | 1 | \$6,500.00 | \$6,500.00 |
| D15 | 60" ENDWALL | EA | 0 | \$8,500.00 | \$0.00 |
| D16 | 72" ENDWALL | EA | 2 | \$10,500.00 | \$21,000.00 |
| | | | | \$1,900.00 | |
| | | | | SUBTOTAL | \$1,117,580.00 |

PAVEMENT & CONCRETE ITEMS

| ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE / UNIT | TOTAL |
|------|--|------|----------|-----------------|-----------------------|
| P1 | TYPE "S-III" ASPHALT (1-1/4" THICK - 1st LIFT) | SY | 26,916 | \$7.60 | \$204,559.91 |
| P2 | TYPE "S-III" ASPHALT (3/4" THICK - 2nd LIFT) | SY | 26,916 | \$7.60 | \$204,559.91 |
| P3 | LIMEROCK BASE (8" THICK) | SY | 28,262 | \$13.00 | \$367,400.37 |
| P4 | STABILIZED SUB-GRADE (12" THICK) | SY | 29,675 | \$7.00 | \$207,722.52 |
| P5 | CONCRETE SIDEWALK (4" THICK) | SY | 8,285 | \$45.90 | \$380,276.40 |
| P6 | BICYCLE LANES | SY | 362 | \$40.00 | \$14,475.56 |
| P7 | TYPE "F" CURB & GUTTER | LF | 4,048 | \$14.50 | \$58,696.00 |
| P8 | TYPE "D" CURB (18" DEPTH) | LF | 652 | \$12.95 | \$8,443.40 |
| P9 | GUARD RAIL | LF | 340 | \$60.00 | \$20,400.00 |
| P10 | VALLEY GUTTER | LF | 1,222 | \$14.50 | \$17,719.00 |
| | | | | SUBTOTAL | \$1,484,253.06 |

RE-USE SYSTEM ITEMS

DIP

| ITEM | DESCRIPTION | UNIT | QUANTITY | PRICE / UNIT | TOTAL |
|------|-----------------|------|----------|-----------------|---------------------|
| R1 | 12" PIPE | LF | 3,959 | \$110.00 | \$435,490.00 |
| R2 | 12" GATE VALVE | EA | 6 | \$4,300.00 | \$25,800.00 |
| R3 | 12" BLOWOFF | EA | 4 | \$2,200.00 | \$8,800.00 |
| R4 | 12"X12" TEE | EA | 6 | \$2,850.00 | \$17,100.00 |
| R5 | 12"X12" CROSS | EA | | \$2,850.00 | \$0.00 |
| R6 | 12"X90° BEND | EA | 0 | \$1,650.00 | \$0.00 |
| R7 | 12"X45° BEND | EA | 4 | \$1,650.00 | \$6,600.00 |
| R8 | 12"X11.25° BEND | EA | 2 | \$1,650.00 | \$3,300.00 |
| R9 | 12"X11.25° BEND | EA | | \$1,650.00 | \$0.00 |
| | | | | SUBTOTAL | \$497,090.00 |

TOTAL

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Jay Huebner, P.E.

Florida Registration Number: 54615

GRAND SUB TOTAL

\$3,636,499.06

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|-----------------------|-----------------------|
| DESIGN FEE: | \$363,649.91 |
| PERMITTING FEE: | \$363,649.91 |
| EARTHWORK | \$363,649.91 |
| DEMOLITION | \$181,824.95 |
| MOBILIZATION: | \$181,824.95 |
| TESTING/ INSPECTIONS: | \$363,649.91 |
| SURVEYING / AS-BUILT: | \$181,824.95 |
| Fuel surcharge 2.5% | \$90,912.48 |
| signs and markings | \$296,850.61 |
| MOT: | \$109,094.97 |
| <u>Grand total</u> | <u>\$6,133,431.60</u> |