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**ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE  
 TRAILS AT CROWFOOT FILING 16  
 7/2/2018**

**ROADWAY**

| No.        | Description                                    | Quantity | Unit | Cost/Unit  | Total Cost          |
|------------|--|----------|------|------------|---------------------|
|            | 6" VERTICAL CURB & GUTTER (2' PAN)             | 0        | L.F. | \$22.00    | \$0.00              |
|            | 6" VERTICAL CURB & GUTTER (1' PAN)             | 0        | L.F. | \$22.00    | \$0.00              |
|            | 4" MOUNTABLE CURB & GUTTER                     | 1,486    | L.F. | \$24.00    | \$35,664.00         |
|            | HOT MIX ASPHALT PAVEMENT (5" DEPTH)            | 1,979    | S.Y. | \$23.50    | \$46,506.50         |
|            | CONCRETE PAVEMENT                              | 1,497    | S.Y. | \$90.00    | \$134,730.00        |
|            | AGGRIGATE BASE COURSE                          | 772      | C.Y. | \$40.50    | \$31,284.00         |
|            | SUBGRADE STABILIZATION                         | 3,476    | S.Y. | \$2.10     | \$7,299.60          |
|            | ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB) | 3,476    | S.Y. | \$1.25     | \$4,345.00          |
|            | 5' DETACHED CONCRETE SIDEWALK                  | 1,425    | L.F. | \$27.00    | \$38,475.00         |
|            | SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS) | 1,108    | S.Y. | \$1.25     | \$1,385.42          |
|            | CORNER CURB RAMP (INCLUDES SUBGRADE PREP)      | 2        | EA.  | \$2,200.00 | \$4,400.00          |
|            | MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)    | 0        | EA.  | \$2,200.00 | \$0.00              |
|            | CROSS PAN (INCLUDES SUBGRADE PREP)             | 1        | S.Y. | \$103.50   | \$103.50            |
|            | TRENCH DRAIN                                   | 0        | L.F. | \$19.00    | \$0.00              |
|            | MEDIAN COVER                                   | 0        | S.Y. | \$90.00    | \$0.00              |
|            | ADJUST MANHOLE                                 | 3        | EA.  | \$760.00   | \$2,280.00          |
|            | ADJUST WATER VALVE                             | 5        | EA.  | \$425.00   | \$2,125.00          |
| Total Cost |  |          |      |            | <b>\$308,598.02</b> |

**STRIPING**

| Item       | Description                   | Quantity | Unit | Cost/Unit | Total Cost    |
|------------|-------------------------------|----------|------|-----------|---------------|
|            | LONG LINE EPOXY PVMT. MARKING | 0        | GAL  | \$105.00  | \$0.00        |
|            | CROSSWALK BAR                 | 0        | S.F. | \$8.00    | \$0.00        |
|            | STOP BAR                      | 0        | S.F. | \$0.93    | \$0.00        |
|            | ARROW                         | 0        | EA.  | \$120.00  | \$0.00        |
| Total Cost |                               |          |      |           | <b>\$0.00</b> |

**SIGNAGE (INCLUDE POST AND ANCHOR)**

| Item       | Description                                      | Quantity | Unit | Cost/Unit  | Total Cost        |
|------------|--|----------|------|------------|-------------------|
|            | STREET NAME SIGN WITH STOP SIGN                  | 7        | EA.  | \$530.00   | \$3,710.00        |
|            | GROUND SIGN                                      | 0        | EA.  | \$280.00   | \$0.00            |
|            | TYPE III BARRICADE                               | 0        | EA.  | \$2,500.00 | \$0.00            |
|            | SPECIAL SIGN (SPEED LIMIT, DEAD END, MISC SIGNS) | 9        | EA.  | \$280.00   | \$2,520.00        |
| Total Cost |  |          |      |            | <b>\$6,230.00</b> |

**DRAINAGE AND STORMWATER IMPROVMENTS**

| Item       | Description                                  | Quantity | Unit | Cost/Unit   | Total Cost    |
|------------|--|----------|------|-------------|---------------|
|            | 18" RCP                                      | 0        | L.F. | \$64.00     | \$0.00        |
|            | 24" RCP                                      | 0        | L.F. | \$83.00     | \$0.00        |
|            | 30" RCP                                      | 0        | L.F. | \$100.00    | \$0.00        |
|            | 36" RCP                                      | 0        | L.F. | \$136.00    | \$0.00        |
|            | 48" RCP                                      | 0        | L.F. | \$200.00    | \$0.00        |
|            | 30" FES WITH CONCRETE CUTOFF WALL            | 0        | EA.  | \$2,400.00  | \$0.00        |
|            | 36" FES WITH CONCRETE CUTOFF WALL            | 0        | EA.  | \$3,000.00  | \$0.00        |
|            | 48" FES WITH CONCRETE CUTOFF WALL            | 0        | EA.  | \$3,400.00  | \$0.00        |
|            | 4' MANHOLE                                   | 0        | EA.  | \$2,500.00  | \$0.00        |
|            | 5' MANHOLE                                   | 0        | EA.  | \$3,070.00  | \$0.00        |
|            | 6' MANHOLE                                   | 0        | EA.  | \$4,380.00  | \$0.00        |
|            | 5' TYPE R INLET                              | 0        | EA.  | \$9,000.00  | \$0.00        |
|            | 10' TYPE R INLET (SPECIFIC ON 10" INCREMENT) | 0        | EA.  | \$10,700.00 | \$0.00        |
|            | 15' TYPE R INLET                             | 0        | EA.  | \$11,000.00 | \$0.00        |
| Total Cost |  |          |      |             | <b>\$0.00</b> |

**PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$314,828.02**

CONSTRUCTION CONTINGENCY (10%) \$31,482.80  
 MOBILIZATION (5%) \$15,741.40  
 SURVEYING (3%) \$9,444.84  
 CONSTRUCTION MANAGEMENT & TESTING (12%) \$37,779.36

**PUBLIC IMPROVEMENT TOTAL \$409,276.42**

**SECURITY AT 110% = \$450,204.06**