



CVL Consultants of Colorado, Inc.
 10333 E. Dry Creek Rd
 Suite 240
 Englewood, Colorado 80112
 720.482.9526 Fax 720.482.9546

ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE
TRAILS AT CROWFOOT FILING 9 - N PINERY PARKWAY EAST OF SCARLET SAGE AVE CASH IN LEIU
12/3/2019

EARTHWORK

| No. | Description | Quantity | Unit | UNIT COST | Total Cost |
|------------|-----------------|----------|------|-----------|---------------|
| | OVERLOT GRADING | 0 | C.Y. | \$2.05 | \$0.00 |
| | IMPORT/EXPORT | 0 | C.Y. | \$4.40 | \$0.00 |
| | TOP SOIL | 0 | C.Y. | \$1.75 | \$0.00 |
| Total Cost | | | | | \$0.00 |

ROADWAY

| No. | Description | Quantity | Unit | Cost/Unit | Total Cost |
|------------|--|----------|------|------------|---------------------|
| | 6" VERTICAL CURB & GUTTER (2' PAN) | 2,520 | L.F. | \$18.00 | \$45,360.00 |
| | 6" VERTICAL CURB & GUTTER (1' PAN) | 2,520 | L.F. | \$17.00 | \$42,840.00 |
| | 4" MOUNTABLE CURB & GUTTER | 0 | L.F. | \$20.00 | \$0.00 |
| | HOT MIX ASPHALT PAVEMENT (8" DEPTH) | 5,037 | S.Y. | \$29.00 | \$146,082.67 |
| | CONCRETE PAVEMENT | 0 | S.Y. | \$70.00 | \$0.00 |
| | AGGRIGATE BASE COURSE | 2,139 | C.Y. | \$42.25 | \$90,372.75 |
| | SUBGRADE STABILIZATION | 7,700 | S.Y. | \$1.30 | \$10,010.00 |
| | ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB) | 7,700 | S.Y. | \$1.30 | \$10,010.00 |
| | 5' DETACHED CONCRETE SIDEWALK | 2,520 | L.F. | \$21.75 | \$54,810.00 |
| | SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS) | 1,960 | S.Y. | \$1.30 | \$2,548.00 |
| | CORNER CURB RAMP (INCLUDES SUBGRADE PREP) | 0 | EA. | \$2,000.00 | \$0.00 |
| | MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP) | 0 | EA. | \$2,200.00 | \$0.00 |
| | CROSS PAN (INCLUDES SUBGRADE PREP) | 0 | S.Y. | \$94.50 | \$0.00 |
| | TRENCH DRAIN | 5,040 | L.F. | \$18.00 | \$90,720.00 |
| | MEDIAN COVER | 420 | S.Y. | \$81.00 | \$34,020.00 |
| | ADJUST MANHOLE | 4 | EA. | \$620.00 | \$2,480.00 |
| | ADJUST WATER VALVE | 2 | EA. | \$247.00 | \$494.00 |
| Total Cost | | | | | \$529,747.42 |

CONCRETE TRAILS

| No. | Description | Quantity | Unit | Cost/Unit | Total Cost |
|------------|---|----------|------|-----------|---------------|
| | 10' REGIONAL TRAIL | 0 | L.F. | \$43.50 | \$0.00 |
| | SIDEWALK SUBGRADE PREP (MIN1' OUTSIDE LIMITS) | 0 | S.Y. | \$2.60 | \$0.00 |
| Total Cost | | | | | \$0.00 |

STRIPING

| Item | Description | Quantity | Unit | Cost/Unit | Total Cost |
|------------|-------------------------------|----------|------|-----------|-------------------|
| | LONG LINE EPOXY PVMT. MARKING | 11 | GAL | \$105.00 | \$1,176.00 |
| | CROSSWALK BAR | 150 | S.F. | \$8.00 | \$1,200.00 |
| | STOP BAR | 0 | S.F. | \$0.93 | \$0.00 |
| | ARROW | 0 | EA. | \$120.00 | \$0.00 |
| Total Cost | | | | | \$2,376.00 |

SIGNAGE (INCLUDE POST AND ANCHOR)

| Item | Description | Quantity | Unit | Cost/Unit | Total Cost |
|------------|--|----------|------|------------|-----------------|
| | STREET NAME SIGN | 0 | EA. | \$400.00 | \$0.00 |
| | GROUND SIGN | 1 | EA. | \$280.00 | \$280.00 |
| | TYPE III BARRICADE | 0 | EA. | \$2,500.00 | \$0.00 |
| | SPECIAL SIGN (SPEED LIMIT, DEAD END, MISC SIGNS) | 1 | EA. | \$270.00 | \$270.00 |
| Total Cost | | | | | \$550.00 |

DRAINAGE AND STORMWATER IMPROVMENTS

| Item | Description | Quantity | Unit | Cost/Unit | Total Cost |
|------|--|----------|------|-------------|-------------|
| | 18" RCP | 45 | L.F. | \$48.00 | \$2,160.00 |
| | 24" RCP | 56 | L.F. | \$65.00 | \$3,640.00 |
| | 30" RCP | 0 | L.F. | \$95.00 | \$0.00 |
| | 36" RCP | 145 | L.F. | \$116.00 | \$16,820.00 |
| | 48" RCP | 61 | L.F. | \$180.00 | \$10,980.00 |
| | 24" FES WITH CONCRETE CUTOFF WALL | 0 | EA. | \$4,200.00 | \$0.00 |
| | 36" FES WITH CONCRETE CUTOFF WALL | 1 | EA. | \$6,605.00 | \$6,605.00 |
| | 48" FES WITH CONCRETE CUTOFF WALL | 1 | EA. | \$6,805.00 | \$6,805.00 |
| | 4' MANHOLE | 0 | EA. | \$2,755.00 | \$0.00 |
| | 5' MANHOLE | 0 | EA. | \$3,800.00 | \$0.00 |
| | 5' TYPE R INLET | 0 | EA. | \$8,500.00 | \$0.00 |
| | 10' TYPE R INLET (SPECIFIC ON 10" INCREMENT) | 1 | EA. | \$9,200.00 | \$9,200.00 |
| | 15' TYPE R INLET | 6 | EA. | \$12,000.00 | \$72,000.00 |
| | TYPE C AREA INLET | 0 | EA. | \$4,900.00 | \$0.00 |

Total Cost **\$128,210.00**

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$660,883.42

| | |
|---|-------------|
| CONSTRUCTION CONTINGENCY (10%) | \$66,088.34 |
| MOBILIZATION (5%) | \$33,044.17 |
| SURVEYING (3%) | \$19,826.50 |
| CONSTRUCTION MANAGEMENT & TESTING (12%) | \$79,306.01 |

PUBLIC IMPROVEMENT TOTAL \$859,148.44