



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
 8/3/2018**

EARTHWORK

No.	Description	Quantity	Unit	UNIT COST	Total Cost
	OVERLOT GRADING	535,000	C.Y.	\$3.00	\$1,605,000.00
	IMPORT/EXPORT	0	C.Y.	\$6.00	\$0.00
	TOP SOIL	65,140	C.Y.	\$1.75	\$113,995.00
Total Cost					\$1,718,995.00

ROADWAY

No.	Description	Quantity	Unit	Cost/Unit	Total Cost
	6" VERTICAL CURB & GUTTER (2' PAN)	9,030	L.F.	\$22.00	\$198,660.00
	6" VERTICAL CURB & GUTTER (1' PAN)	4,628	L.F.	\$22.00	\$101,816.00
	4" MOUNTABLE CURB & GUTTER	2,416	L.F.	\$24.00	\$57,984.00
	HOT MIX ASPHALT PAVEMENT (5' DEPTH)	21,093	S.Y.	\$23.50	\$495,682.89
	CONCRETE PAVEMENT	0	S.Y.	\$90.00	\$0.00
	AGGRIGATE BASE COURSE	4,045	C.Y.	\$40.50	\$163,838.25
	SUBGRADE STABILIZATION	24,272	S.Y.	\$2.10	\$50,971.90
	ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB)	24,272	S.Y.	\$1.25	\$30,340.42
	5' DETACHED CONCRETE SIDEWALK	11,446	L.F.	\$27.00	\$309,042.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	8,902	S.Y.	\$1.25	\$11,128.06
	CORNER CURB RAMP (INCLUDES SUBGRADE PREP)	39	EA.	\$2,200.00	\$85,800.00
	MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)	7	EA.	\$2,200.00	\$15,400.00
	CROSS PAN (INCLUDES SUBGRADE PREP)	200	S.Y.	\$103.50	\$20,700.00
	TRENCH DRAIN	4,628	L.F.	\$19.00	\$87,932.00
	MEDIAN COVER	1,363	S.Y.	\$90.00	\$122,670.00
	ADJUST MANHOLE	51	EA.	\$760.00	\$38,760.00
	ADJUST WATER VALVE	44	EA.	\$425.00	\$18,700.00
Total Cost					\$1,809,425.51

CONCRETE TRAILS

No.	Description	Quantity	Unit	Cost/Unit	Total Cost
	10' REGIONAL TRAIL	3,211	L.F.	\$45.00	\$144,495.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	4,281	S.Y.	\$9.80	\$41,957.07
Total Cost					\$186,452.07

STRIPING

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	LONG LINE EPOXY PVMT. MARKING	38	GAL	\$105.00	\$4,009.00
	CROSSWALK BAR	3,800	S.F.	\$8.00	\$30,400.00
	STOP BAR	0	S.F.	\$0.93	\$0.00
	ARROW	8	EA.	\$120.00	\$960.00
Total Cost					\$35,369.00

SIGNAGE (INCLUDE POST AND ANCHOR)

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	STREET NAME SIGN	8	EA.	\$530.00	\$4,240.00
	GROUND SIGN	0	EA.	\$280.00	\$0.00
	TYPE III BARRICADE	1	EA.	\$2,500.00	\$2,500.00
	SPECIAL SIGN (SPEED LIMIT, DEAD END, MISC SIGNS)	4	EA.	\$280.00	\$1,120.00
Total Cost					\$7,860.00

DRAINAGE AND STORMWATER IMPROVEMENTS

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	18" RCP	1,832	L.F.	\$64.00	\$117,248.00
	24" RCP	2,889	L.F.	\$83.00	\$239,787.00
	30" RCP	319	L.F.	\$100.00	\$31,900.00
	36" RCP	2,722	L.F.	\$136.00	\$370,192.00
	48" RCP	72	L.F.	\$200.00	\$14,400.00
	24" FES WITH CONCRETE CUTOFF WALL	0	EA.	\$2,400.00	\$0.00
	36" FES WITH CONCRETE CUTOFF WALL	2	EA.	\$3,000.00	\$6,000.00
	48" FES WITH CONCRETE CUTOFF WALL	2	EA.	\$3,400.00	\$6,800.00
	4' MANHOLE	29	EA.	\$2,500.00	\$72,500.00
	5' MANHOLE	25	EA.	\$3,070.00	\$76,750.00
	5' TYPE R INLET	0	EA.	\$9,000.00	\$0.00
	10' TYPE R INLET (SPECIFIC ON 10" INCREMENT)	13	EA.	\$10,700.00	\$139,100.00
	15' TYPE R INLET	14	EA.	\$11,000.00	\$154,000.00
	TYPE C AREA INLET	2	EA.	\$7,500.00	\$15,000.00
	OUTLET STRUCTURE WITH MICROPOOL (POND C)	1	L.S.	\$75,000.00	\$75,000.00
	TRICKLE CHANNEL (4' STANDARD WIDTH WITH 6" VERICAL CURBS)	693	L.F.	\$130.00	\$90,090.00
	FOREBAY	2	EA.	\$34,000.00	\$68,000.00
	ACCESS PATH	1	L.S.	\$11,400.00	\$11,400.00
	RIPRAP	110	C.Y.	\$150.00	\$16,500.00

Total Cost **\$1,504,667.00**

PUBLIC IMPROVEMENTS (TOWN) SUBTOTAL \$5,262,768.58

CONSTRUCTION CONTINGENCY (10%) \$526,276.86

MOBILIZATION (5%) \$263,138.43

SURVEYING (3%) \$157,883.06

CONSTRUCTION MANAGEMENT & TESTING (12%) \$631,532.23

PUBLIC IMPROVEMENT TOTAL \$6,841,599.15

SECURITY AT 110% = \$7,525,759.07