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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
	POND D FOREBAY	2	EA.	\$5,000.00	\$10,000.00
	TYPE C AREA INLET	0	EA.	\$4,900.00	\$0.00

Total Cost **\$138,210.00**

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$670,883.42

CONSTRUCTION CONTINGENCY (10%) \$67,088.34

MOBILIZATION (5%) \$33,544.17

SURVEYING (3%) \$20,126.50

CONSTRUCTION MANAGEMENT & TESTING (12%) \$80,506.01

PUBLIC IMPROVEMENT TOTAL \$872,148.44