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**ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE
 TRAILS AT CROWFOOT FILING 13
 3/13/2018**

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	3,500	L.F.	\$24.00	\$84,000.00
	HOT MIX ASPHALT PAVEMENT (5" DEPTH)	5,833	S.Y.	\$23.50	\$137,083.33
	CONCRETE PAVEMENT	0	S.Y.	\$90.00	\$0.00
	AGGRIGATE BASE COURSE	1,556	C.Y.	\$40.50	\$63,000.00
	SUBGRADE STABILIZATION	1,556	S.Y.	\$2.10	\$3,266.67
	ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB)	1,556	S.Y.	\$1.25	\$1,944.44
	5' DETACHED CONCRETE SIDEWALK	3,500	L.F.	\$27.00	\$94,500.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	2,722	S.Y.	\$1.25	\$3,402.78
	CORNER CURB RAMP (INCLUDES SUBGRADE PREP)	4	EA.	\$2,200.00	\$8,800.00
	MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)	4	EA.	\$2,200.00	\$8,800.00
	CROSS PAN (INCLUDES SUBGRADE PREP)	100	S.Y.	\$103.50	\$10,350.00
	TRENCH DRAIN	0	L.F.	\$19.00	\$0.00
	MEDIAN COVER	0	S.Y.	\$90.00	\$0.00
	ADJUST MANHOLE	13	EA.	\$760.00	\$9,880.00
	ADJUST WATER VALVE	8	EA.	\$425.00	\$3,400.00
Total Cost					\$428,427.22

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					\$0.00

SIGNAGE (INCLUDE POST AND ANCHOR)

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	STREET NAME SIGN WITH STOP SIGN	5	EA.	\$530.00	\$2,650.00
	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)	1	EA.	\$280.00	\$280.00
Total Cost					\$2,930.00

DRAINAGE AND STORMWATER IMPROVMENTS

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	18" RCP	193	L.F.	\$64.00	\$12,352.00
	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	2	EA.	\$2,500.00	\$5,000.00
	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	2	EA.	\$10,700.00	\$21,400.00
	15' TYPE R INLET	0	EA.	\$11,000.00	\$0.00
Total Cost					\$38,752.00

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$470,109.22

CONSTRUCTION CONTINGENCY (10%) \$47,010.92
 MOBILIZATION (5%) \$23,505.46
 SURVEYING (3%) \$14,103.28
 CONSTRUCTION MANAGEMENT & TESTING (12%) \$56,413.11

PUBLIC IMPROVEMENT TOTAL \$611,141.99

SECURITY AT 110% = \$672,256.19