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**ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE
 TRAILS AT CROWFOOT FILING 3
 12/5/2017**

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	7,260	L.F.	\$24.00	\$174,240.00
	HOT MIX ASPHALT PAVEMENT (5" DEPTH)	12,100	S.Y.	\$23.50	\$284,350.00
	CONCRETE PAVEMENT	0	S.Y.	\$90.00	\$0.00
	AGGRIGATE BASE COURSE	3,227	C.Y.	\$40.50	\$130,680.00
	SUBGRADE STABILIZATION	3,227	S.Y.	\$2.10	\$6,776.00
	ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB)	3,227	S.Y.	\$1.25	\$4,033.33
	5' DETACHED CONCRETE SIDEWALK	7,260	L.F.	\$27.00	\$196,020.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	5,647	S.Y.	\$1.25	\$7,058.33
	CORNER CURB RAMP (INCLUDES SUBGRADE PREP)	6	EA.	\$2,200.00	\$13,200.00
	MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)	3	EA.	\$2,200.00	\$6,600.00
	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	33	EA.	\$760.00	\$25,080.00
	ADJUST WATER VALVE	15	EA.	\$425.00	\$6,375.00
Total Cost					\$864,762.67

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	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	1	EA.	\$280.00	\$280.00
Total Cost					\$3,990.00

DRAINAGE AND STORMWATER IMPROVMENTS

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	18" RCP	612	L.F.	\$64.00	\$39,168.00
	24" RCP	347	L.F.	\$83.00	\$28,801.00
	30" RCP	34	L.F.	\$100.00	\$3,400.00
	36" RCP	493	L.F.	\$136.00	\$67,048.00
	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	1	EA.	\$3,000.00	\$3,000.00
	48" FES WITH CONCRETE CUTOFF WALL	0	EA.	\$3,400.00	\$0.00
	4' MANHOLE	12	EA.	\$2,500.00	\$30,000.00
	5' MANHOLE	2	EA.	\$3,070.00	\$6,140.00
	6' MANHOLE	0	EA.	\$4,380.00	\$0.00
	5' TYPE R INLET	1	EA.	\$9,000.00	\$9,000.00
	10' TYPE R INLET (SPECIFIC ON 10" INCREMENT)	4	EA.	\$10,700.00	\$42,800.00
	15' TYPE R INLET	2	EA.	\$11,000.00	\$22,000.00
Total Cost					\$251,357.00

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$1,120,109.67

CONSTRUCTION CONTINGENCY (10%) \$112,010.97
 MOBILIZATION (5%) \$56,005.48
 SURVEYING (3%) \$33,603.29
 CONSTRUCTION MANAGEMENT & TESTING (12%) \$134,413.16

PUBLIC IMPROVEMENT TOTAL \$1,456,142.57

SECURITY AT 110% = \$1,601,756.82