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**ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE
 TRAILS AT CROWFOOT FILING 2
 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)	140	L.F.	\$22.00	\$3,080.00
	4" MOUNTABLE CURB & GUTTER	9,668	L.F.	\$24.00	\$232,032.00
	HOT MIX ASPHALT PAVEMENT (5" DEPTH)	16,113	S.Y.	\$23.50	\$378,663.33
	CONCRETE PAVEMENT	0	S.Y.	\$90.00	\$0.00
	AGGRIGATE BASE COURSE	4,297	C.Y.	\$40.50	\$174,024.00
	SUBGRADE STABILIZATION	4,297	S.Y.	\$2.10	\$9,023.47
	ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB)	4,297	S.Y.	\$1.25	\$5,371.11
	5' DETACHED CONCRETE SIDEWALK	9,668	L.F.	\$27.00	\$261,036.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	7,520	S.Y.	\$1.25	\$9,399.44
	CORNER CURB RAMP (INCLUDES SUBGRADE PREP)	16	EA.	\$2,200.00	\$35,200.00
	MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)	6	EA.	\$2,200.00	\$13,200.00
	CROSS PAN (INCLUDES SUBGRADE PREP)	150	S.Y.	\$103.50	\$15,525.00
	TRENCH DRAIN	0	L.F.	\$19.00	\$0.00
	MEDIAN COVER	31	S.Y.	\$90.00	\$2,800.00
	ADJUST MANHOLE	32	EA.	\$760.00	\$24,320.00
	ADJUST WATER VALVE	29	EA.	\$425.00	\$12,325.00
Total Cost					\$1,175,999.36

STRIPING

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	LONG LINE EPOXY PVMT. MARKING	280	GAL	\$105.00	\$29,400.00
	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					\$29,400.00

SIGNAGE (INCLUDE POST AND ANCHOR)

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	STREET NAME SIGN WITH STOP SIGN	9	EA.	\$530.00	\$4,770.00
	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)	3	EA.	\$280.00	\$840.00
Total Cost					\$5,610.00

DRAINAGE AND STORMWATER IMPROVMENTS

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	18" RCP	782	L.F.	\$64.00	\$50,048.00
	24" RCP	0	L.F.	\$83.00	\$0.00
	30" RCP	404	L.F.	\$100.00	\$40,400.00
	36" RCP	0	L.F.	\$136.00	\$0.00
	48" RCP	0	L.F.	\$200.00	\$0.00
	30" FES WITH CONCRETE CUTOFF WALL	1	EA.	\$2,400.00	\$2,400.00
	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	6	EA.	\$2,500.00	\$15,000.00
	5' MANHOLE	2	EA.	\$3,070.00	\$6,140.00
	6' MANHOLE	0	EA.	\$4,380.00	\$0.00
	5' TYPE R INLET	0	EA.	\$9,000.00	\$0.00
	10' TYPE R INLET (SPECIFIC ON 10" INCREMENT)	7	EA.	\$10,700.00	\$74,900.00
	15' TYPE R INLET	2	EA.	\$11,000.00	\$22,000.00
Total Cost					\$210,888.00

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$1,421,897.36

CONSTRUCTION CONTINGENCY (10%)	\$142,189.74
MOBILIZATION (5%)	\$71,094.87
SURVEYING (3%)	\$42,656.92
CONSTRUCTION MANAGEMENT & TESTING (12%)	\$170,627.68

PUBLIC IMPROVEMENT TOTAL \$1,848,466.56

SECURITY AT 110% = \$2,033,313.22