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**ENGINEERS PUBLIC IMPROVEMENT COST ESTIMATE
 TRAILS AT CROWFOOT FILING 11
 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	5,924	L.F.	\$24.00	\$142,176.00
	HOT MIX ASPHALT PAVEMENT (5" DEPTH)	9,462	S.Y.	\$23.50	\$222,362.22
	CONCRETE PAVEMENT	0	S.Y.	\$90.00	\$0.00
	AGGRIGATE BASE COURSE	2,542	C.Y.	\$40.50	\$102,932.00
	SUBGRADE STABILIZATION	2,542	S.Y.	\$2.10	\$5,337.21
	ROADWAY SUBGRADE PREP (EXTEND 2' OUTSIDE CURB)	2,542	S.Y.	\$1.25	\$3,176.91
	5' DETACHED CONCRETE SIDEWALK	5,924	L.F.	\$27.00	\$159,948.00
	SIDEWALK SUBGRADE PREP (MIN 1' OUTSIDE LIMITS)	4,608	S.Y.	\$1.25	\$5,759.44
	CORNER CURB RAMP (INCLUDES SUBGRADE PREP)	10	EA.	\$2,200.00	\$22,000.00
	MIDBLOCK CURB RAMP (INCLUDES SUBGRADE PREP)	3	EA.	\$2,200.00	\$6,600.00
	CROSS PAN (INCLUDES SUBGRADE PREP)	50	S.Y.	\$103.50	\$5,175.00
	TRENCH DRAIN	0	L.F.	\$19.00	\$0.00
	MEDIAN COVER	0	S.Y.	\$90.00	\$0.00
	ADJUST MANHOLE	21	EA.	\$760.00	\$15,960.00
	ADJUST WATER VALVE	18	EA.	\$425.00	\$7,650.00
Total Cost					\$699,076.80

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	2	EA.	\$2,500.00	\$5,000.00
	SPECIAL SIGN (SPEED LIMIT, DEAD END, MISC SIGNS)	0	EA.	\$280.00	\$0.00
Total Cost					\$7,650.00

DRAINAGE AND STORMWATER IMPROVMENTS

Item	Description	Quantity	Unit	Cost/Unit	Total Cost
	18" RCP	0	L.F.	\$64.00	\$0.00
	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	0	EA.	\$2,500.00	\$0.00
	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	1	EA.	\$10,700.00	\$10,700.00
	15' TYPE R INLET	4	EA.	\$11,000.00	\$44,000.00
Total Cost					\$54,700.00

PUBLIC IMPROVMENTS (TOWN) SUBTOTAL \$761,426.80

CONSTRUCTION CONTINGENCY (10%) \$76,142.68
 MOBILIZATION (5%) \$38,071.34
 SURVEYING (3%) \$22,842.80
 CONSTRUCTION MANAGEMENT & TESTING (12%) \$91,371.22

PUBLIC IMPROVEMENT TOTAL \$989,854.83

SECURITY AT 110% = \$1,088,840.32