



ANDERSON  
ENGINEERING  
EMPLOYEE OWNED

COBEY CREEK  
2ND PLAT  
8/30/2022

STREET, STORM & MASS GRADING

Engineer's Opinion of Probable Costs

			UNIT	UNIT	UNIT
NO.	ITEM	UNIT	QUANTITY	PRICE (\$)	TOTAL
1.0	SITE PREPARATION				
1.01	TRAFFIC CONTROL SAFETY - PHASING & MAINTENANCE OF CONSTRUCTION ACCESS	LS	1	\$8,000.00	\$8,000.00
1.02	SITE CLEARING AND GRUBBING	AC	73.3	\$1,500.00	\$109,950.00
1.03	REMOVAL OF DEAD END ROAD SIGNS @ END OF EXISTING ROADWAYS	EA	24	\$100.00	\$2,400.00
SITE PREPARATION SUB-TOTAL					\$120,350.00
2.0	EARTHWORK				
2.01	UNCLASSIFIED EXCAVATION	CY	201,315	\$3.00	\$603,945.00
2.02	COMPACTED FILL	CY	189,414	\$3.00	\$568,242.00
EARTHWORK SUB-TOTAL					\$1,172,187.00
3.0	PUBLIC STREET PAVING				
3.01	ASPHALTIC CONCRETE BASE COURSE - 4" TYPE 5-01 (Local/Access Roadways)	SY	19,344	\$15.00	\$290,158.33
3.02	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 5-01 (Local/Access Roadways)	SY	19,344	\$10.00	\$193,438.89
3.03	ASPHALTIC CONCRETE BASE COURSE - 7.5" TYPE 5-01 (Collector Roadway)	SY	9,788	\$25.00	\$244,691.67
3.04	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 6-01 (Collector Roadway)	SY	9,788	\$14.00	\$137,027.33
3.05	10" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAXIAL GEOGRID (Local/Access Roadways)	SY	23,556	\$20.00	\$471,111.11
3.06	12" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAXIAL GEOGRID (Collector Roadway)	SY	12,086	\$25.00	\$302,147.22
3.06	24" WIDE MILL @ ASPHALT TIE-IN	LF	345	\$30.00	\$10,353.00
3.07	FULL-DEPTH SAW CUT	LF	530	\$10.00	\$5,300.00
PAVING SUB-TOTAL					\$1,654,227.56
4.0	CONCRETE CURB & GUTTER, SIDEWALKS, ENTRY DRIVES				
4.01	CONCRETE CURB AND GUTTER - CG-1 (HIGH-BACK)	LF	5,823	\$20.00	\$116,460.00
4.02	CONCRETE CURB AND GUTTER - CG-1 (HIGH-BACK) DRY	LF	1,340	\$20.00	\$26,792.00
4.03	CONCRETE CURB AND GUTTER - CG-2 (LAZY-BACK)	LF	10,821	\$20.00	\$216,426.00
4.04	CONCRETE CURB AND GUTTER - CG-2 (LAZY-BACK) DRY	LF	871	\$20.00	\$17,420.00
4.05	CONCRETE CURB AND GUTTER - MODOT TYPE B	LF	49	\$25.00	\$1,235.00
4.06	ADA RAMP	EA	43	\$1,700.00	\$73,100.00
4.07	4" THICK x 5' WIDE CONCRETE SIDEWALK	LF	16,052	\$35.00	\$561,806.00
SIDEWALK, CONCRETE CURB & GUTTER SUB-TOTAL					\$1,013,239.00
5.0	STORM SEWER IMPROVEMENTS				
5.01	CONNECT TO EXISTING JUNCTION BOX	EA	2	\$1,500.00	\$3,000.00
5.02	CONNECT TO EXISTING INLET	EA	4	\$1,500.00	\$6,000.00
5.03	15" HDPE	LF	2,032	\$45.00	\$91,434.15
5.04	18" HDPE	LF	2,168	\$55.00	\$119,266.95
5.05	24" HDPE	LF	1,910	\$65.00	\$124,144.80
5.06	30" HDPE	LF	1,289	\$100.00	\$128,915.00
5.07	36" HDPE	LF	892	\$110.00	\$98,072.70
5.08	15" RCP/PP	LF	43	\$130.00	\$5,553.60
5.09	24" RCP/PP	LF	156	\$160.00	\$25,012.80
5.10	4'x4' JUNCTION BOX	EA	9	\$4,500.00	\$40,500.00
5.11	5'x5' JUNCTION BOX	EA	1	\$5,000.00	\$5,000.00
5.12	5'x3' CURB INLET	EA	33	\$4,500.00	\$148,500.00
5.13	5'x4' CURB INLET	EA	8	\$5,200.00	\$41,600.00
5.14	5'x5' CURB INLET	EA	3	\$5,500.00	\$16,500.00
5.15	7'x5' CURB INLET	EA	1	\$6,000.00	\$6,000.00
5.16	4'x4' FIELD INLET	EA	12	\$4,500.00	\$54,000.00
5.17	5'x5' FIELD INLET	EA	1	\$5,000.00	\$5,000.00
5.18	24" FLARED END SECTION W/CONCRETE TOE WALL	EA	3	\$1,500.00	\$4,500.00
5.19	36" FLARED END SECTION W/CONCRETE TOE WALL	EA	2	\$2,000.00	\$4,000.00
STORM SEWER SUB-TOTAL					\$927,000.00
6.0	SIGNING				
6.01	STOP SIGN (R1-1)	EA	17	\$250.00	\$4,250.00
6.02	STREET SIGN	EA	17	\$250.00	\$4,250.00
6.03	STREET SIGN WITH RIGHT ARROW (D3-1)	EA	3	\$250.00	\$750.00
6.04	LEFT LANE MUST TURN LEFT (R3-7L)	EA	2	\$250.00	\$500.00
6.05	RIGHT LANE MUST TURN RIGHT (R3-7R)	EA	2	\$250.00	\$500.00
6.06	ROUNDABOUT (W2-6)	EA	3	\$250.00	\$750.00
6.07	DIVIDED ROAD (W6-1)	EA	2	\$250.00	\$500.00
6.08	ONE WAY (R6-1R)	EA	3	\$250.00	\$750.00
6.09	ROUNDABOUT DIRECTIONAL (R6-4)	EA	3	\$250.00	\$750.00
6.10	SPEED LIMIT, 15 MPH (W13-1P)	EA	3	\$250.00	\$750.00
6.11	YIELD (R1-2)	EA	5	\$250.00	\$1,250.00
6.12	PEDESTRIAN CROSSING (W11-2)	EA	6	\$250.00	\$1,500.00
6.13	ANGLED ARROW (W16-7P L)	EA	6	\$250.00	\$1,500.00
SIGNAGE SUB-TOTAL					\$18,000.00
7.0	ELECTRICAL CONDUIT				
7.01	EVERGY ELECTRICAL CONDUIT/TRANSFORMER PADS/PEDESTALS	LS	1	\$50,000.00	\$50,000.00
LIGHTING & ELECTRICAL SUB-TOTAL					\$50,000.00
ESTIMATE DOES NOT INCLUDE: LANDSCAPING, ROCK EXCAVATION, IRRIGATION, UTILITY(GAS, COMM, ELEC) FEES				SUB-TOTAL \$	4,955,004
				5% CONTINGENCY \$	247,750
				TOTAL \$	5,202,754

