



**HIGHLAND MEADOWS
6TH PLAT
2/11/2021**

STREET, STORM & MASS GRADING

Engineer's Opinion of Probable Costs

NO.	ITEM	UNIT	UNIT QUANTITY	UNIT PRICE (\$)	UNIT TOTAL
1.0	SITE PREPARATION				
1.01	TRAFFIC CONTROL SAFETY - PHASING & MAINTENANCE OF CONSTRUCTION ACCESS	LS	1	\$5,000.00	\$5,000.00
1.02	SITE CLEARING AND GRUBBING	AC	14.9	\$1,500.00	\$22,350.00
1.03	REMOVAL OF OBJECT MARKER SIGNS @ END OF EXISTING ROADWAYS	LS	5	\$100.00	\$500.00
1.04	REMOVAL OF TEMPORARY CUL-DE-SAC	LS	1	\$2,000.00	\$2,000.00
	SITE PREPARATION SUB-TOTAL				\$29,850.00
2.0	EARTHWORK				
2.01	UNCLASSIFIED EXCAVATION	CY	19,413	\$3.00	\$58,239.00
2.02	COMPACTED FILL	CY	19,413	\$3.00	\$58,239.00
	EARTHWORK SUB-TOTAL				\$116,478.00
3.0	PUBLIC STREET PAVING				
3.01	ASPHALTIC CONCRETE BASE COURSE - 4" TYPE 5-01 (residential roadways)	SY	6,615	\$18.75	\$124,031.25
3.02	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 5-01 (residential roadways)	SY	6,615	\$9.50	\$62,842.50
3.03	ASPHALTIC CONCRETE BASE COURSE - 7.5" TYPE 5-01 (Boulevard)	SY	2,979	\$23.40	\$69,708.60
3.04	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 6-01 (Boulevard)	SY	2,979	\$9.50	\$28,300.50
3.05	10" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAXIAL GEOGRID (residential roadways)	SY	8,088	\$8.50	\$68,748.00
3.06	12" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAXIAL GEOGRID (Boulevard)	SY	3,724	\$8.50	\$31,654.00
3.06	24" WIDE MILL @ ASPHALT TIE-IN	LF	120.0	\$10.00	\$1,200.00
3.07	FULL-DEPTH SAW CUT	LF	140.0	\$10.00	\$1,400.00
	PAVING SUB-TOTAL				\$386,484.85
4.0	CONCRETE CURB & GUTTER, SIDEWALKS, ENTRY DRIVES				
4.01	CONCRETE CURB AND GUTTER - CG-1 (HIGH-BACK)	LF	2,316	\$15.00	\$34,740.00
4.02	CONCRETE CURB AND GUTTER - CG-2 (LAZY-BACK)	LF	4,333	\$15.00	\$64,995.00
4.03	ADA RAMP	EA	7	\$1,500.00	\$10,500.00
4.04	4" THICK x 5' WIDE CONCRETE SIDEWALK	LF	3,988	\$20.00	\$79,760.00
	SIDEWALK, CONCRETE CURB & GUTTER SUB-TOTAL				\$99,735.00
5.0	STORM SEWER IMPROVEMENTS				
5.01	CONNECT TO EX. 15" HDPE	EA	1	\$200.00	\$200.00
5.02	48" DIA. JUNCTION BOX	EA	1	\$4,000.00	\$4,000.00
5.03	60" DIA. JUNCTION BOX	EA	1	\$4,500.00	\$4,500.00
5.04	6'X4' CURB INLET	EA	16	\$4,500.00	\$72,000.00
5.05	15" RCP/PP	LF	208.1	\$75.00	\$15,603.75
5.06	18" RCP/PP	LF	231.0	\$105.00	\$24,249.75
5.07	24" RCP/PP	LF	185.9	\$85.00	\$15,803.20
5.08	30" RCP/PP	LF	226.6	\$120.00	\$27,194.40
5.09	15" HDPE	LF	304.0	\$90.00	\$27,357.30
5.10	18" HDPE	LF	202.8	\$100.00	\$20,276.00
5.11	24" HDPE	LF	267.5	\$110.00	\$29,428.30
5.13	24" FLARED END SECTION W/CONCRETE TOE WALL	EA	1	\$1,500.00	\$1,500.00
5.14	30" FLARED END SECTION W/CONCRETE TOE WALL	EA	1	\$1,500.00	\$1,500.00
	STORM SEWER SUB-TOTAL				\$243,612.70
6.0	SIGNING				
6.01	STOP SIGN	EA	2	\$250.00	\$500.00
6.02	STREET SIGN	EA	6	\$250.00	\$1,500.00
	SIGNAGE SUB-TOTAL				\$500.00
7.0	ELECTRICAL CONDUIT				
7.01	EVERGY ELECTRICAL CONDUIT/TRANSFORMER PADS/PEDESTALS	LS	1	\$30,000.00	\$30,000.00
	LIGHTING & ELECTRICAL SUB-TOTAL				\$30,000.00
ESTIMATE DOES NOT INCLUDE: LANDSCAPING, ROCK EXCAVATION, IRRIGATION, UTILITY(GAS, COMM, ELEC) FEES				SUB-TOTAL \$	1,023,139
				5% CONTINGENCY \$	51,157
				TOTAL \$	1,074,295