



**ANDERSON
ENGINEERING**
EMPLOYEE OWNED



**HIGHLAND MEADOWS
5TH PLAT**
3/15/2021

**STREET, STORM SEWER, AND MASS GRADING
ENGINEERS OPINION OF PROBABLE COSTS**

NO.	ITEM	UNIT	QUANTITY	PRICE (\$)	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	12.5	\$1,500.00	\$18,750.00
1.03	TREE CLEARING	AC	2.8	\$2,000.00	\$5,600.00
1.04	REMOVAL OF OBJECT MARKER SIGNS @ END OF EXISTING ROADWAYS	LS	3.0	\$100.00	\$300.00
1.05	REMOVAL OF TEMPORARY CUL-DE-SAC @ CONNECTION WITH SW 12TH TERR	LS	1.0	\$100.00	\$100.00
SITE PREPARATION SUB-TOTAL					\$29,750.00
2.0	EARTHWORK				
2.01	EXCAVATION - INCLUDING TOPSOIL STRIPPING, STOCKPILING AND RESREADING	CY	26,300	\$4.00	\$105,200.00
2.02	EMBANKMENT (ASSUMING 15% SHRINKAGE)	CY	22,000	\$4.00	\$88,000.00
EARTHWORK SUB-TOTAL					\$193,200.00
3.0	PUBLIC STREET PAVING				
3.01	ASPHALTIC CONCRETE BASE COURSE - 4" TYPE 5-01 (residential roadways)	SY	3,809	\$18.75	\$71,427.08
3.02	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 5-01 (residential roadways)	SY	3,809	\$9.50	\$36,189.72
3.03	ASPHALTIC CONCRETE BASE COURSE - 7.5" TYPE 5-01 (Boulevard)	SY	849	\$23.40	\$19,866.60
3.04	ASPHALTIC CONCRETE SURFACE COURSE - 2" TYPE 6-01 (Boulevard)	SY	849	\$9.50	\$8,065.50
3.05	10" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAxIAL GEOGRID (residential roadways)	SY	4,718	\$8.50	\$40,103.00
3.06	12" MODOT TYPE 5 COMPACTED AGGREGATE ON BIAxIAL GEOGRID (Boulevard)	SY	983	\$8.50	\$8,355.50
3.07	24" WIDE MILL @ ASPHALT TIE-IN	LF	72.0	\$10.00	\$720.00
3.08	FULL-DEPTH SAW CUT	LF	84.0	\$10.00	\$840.00
PAVING SUB-TOTAL					\$185,567.41
4.0	CONCRETE CURB & GUTTER, SIDEWALKS, ENTRY DRIVES				
4.01	CONCRETE CURB AND GUTTER - CG-1 (HIGH-BACK)	LF	596	\$15.00	\$8,940.00
4.02	CONCRETE CURB AND GUTTER - CG-2 (LAZY-BACK)	LF	2,523	\$15.00	\$37,845.00
4.03	ADA RAMP	EA	9	\$1,500.00	\$13,500.00
4.04	4" THICK x 5' WIDE CONCRETE SIDEWALK	LF	1,653	\$20.00	\$33,060.00
SIDEWALK, CONCRETE CURB & GUTTER SUB-TOTAL					\$93,345.00
5.0	STORM SEWER IMPROVEMENTS				
5.01	4'X4' FIELD INLET	EA	4	\$4,000.00	\$16,000.00
5.02	4'X4' JUNCTION BOX	EA	2	\$4,000.00	\$8,000.00
5.03	6'X4' JUNCTION BOX	EA	1	\$4,500.00	\$4,500.00
5.04	7'X7' JUNCTION BOX	EA	1	\$5,000.00	\$5,000.00
5.05	8'X8' JUNCTION BOX	EA	1	\$5,500.00	\$5,500.00
5.06	7'X4' DETENTION BASIN OUTFALL CONTROL STRUCTURE	EA	1	\$6,000.00	\$6,000.00
5.07	6'X4' CURB INLET	EA	8	\$4,500.00	\$36,000.00
5.08	8'X8' CURB INLET	EA	1	\$4,800.00	\$4,800.00
5.09	8'X7' CURB INLET	EA	1	\$5,000.00	\$5,000.00
5.10	15" RCP W/GASKETED JOINTS	LF	41.61	\$75.00	\$3,120.75
5.11	18" RCP W/GASKETED JOINTS	LF	140.97	\$105.00	\$14,801.85
5.12	24" RCP W/GASKETED JOINTS	LF	35.00	\$85.00	\$2,975.00
5.13	30" RCP W/GASKETED JOINTS	LF	110.34	\$120.00	\$13,240.80
5.14	36" RCP W/GASKETED JOINTS	LF	59.49	\$121.00	\$7,198.29
5.15	54" RCP W/GASKETED JOINTS	LF	224.54	\$145.00	\$32,558.30
5.16	43"x68" RCAP	LF	59.20	\$155.00	\$9,176.00
5.17	15" HDPE	LF	386.33	\$90.00	\$34,769.70
5.18	18" HDPE	LF	254.12	\$100.00	\$25,412.00
5.19	24" HDPE	LF	290.37	\$110.00	\$31,940.70
5.20	18" FLARED END SECTION W/CONCRETE TOE WALL	EA	1.0	\$1,500.00	\$1,500.00
5.21	36" CONCRETE FLARED END SECTION W/CONCRETE TOE WALL	EA	1.0	\$1,800.00	\$1,800.00
5.22	54" CONCRETE FLARED END SECTION W/CONCRETE TOE WALL	EA	1.0	\$2,500.00	\$2,500.00
STORM SEWER SUB-TOTAL					\$271,793.39
6.0	SIGNING				
6.01	STOP SIGN(S)	LS	8	\$250.00	\$2,000.00
6.02	STREET SIGN(S)	LS	6	\$250.00	\$1,500.00
6.03	END OF ROAD SIGN(S)	LS	3	\$250.00	\$750.00
SIGNAGE SUB-TOTAL					\$4,250.00
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 \$	807,906
				5% CONTINGENCY \$	40,395
				TOTAL \$	848,301