



Hawthorn Ridge 3rd Plat
 Project No.: A19-1605
 Date: 11/23/2020
 For: Summit Homes

Opinion of Probable Cost Street and Storm Based on Final Plans

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
PUBLIC GRADING				
Common Excavation (>10 acre site)	10423.00	C.Y.	\$3.50	\$36,480.50
Embankment (>10 acre site)	8630.00	C.Y.	\$1.90	\$16,397.00
Subgrade Stabilization (6" Flyash Treatment)	5481.00	S.Y.	\$3.45	\$18,909.45
Subgrade Stabilization (9" Flyash Treatment)	2962.00	S.Y.	\$5.15	\$15,254.30
6" MODOT Type 5 Rock Subgrade	8444.00	S.Y.	\$7.50	\$63,330.00
Fine Grading (Subgrade)	8444.00	S.Y.	\$1.75	\$14,777.00
			Subtotal	\$165,148.25
PAVEMENT				
2" Mill and Overlay	31.00	S.Y.	\$17.50	\$542.50
6" Asphalt	4540.00	S.Y.	\$21.00	\$95,340.00
7.5" Asphalt	2625.00	S.Y.	\$25.00	\$65,625.00
			Subtotal	\$161,507.50
PAVEMENT MARKING AND SIGNAGE				
Stop Signs	2.00	Ea.	\$310.00	\$620.00
Street Name Signs	6.00	Ea.	\$310.00	\$1,860.00
			Subtotal	\$2,480.00
CURBS, SIDEWALKS & DRIVES				
Curb and Gutter				
Curb & Gutter (Type CG-1)	1371.00	L.F.	\$15.00	\$20,565.00
Curb & Gutter (Type CG-2)	2771.00	L.F.	\$15.00	\$41,565.00
Curb Ramps with Detectable Warning	4.00	Ea.	\$1,200.00	\$4,800.00
			Subtotal	\$66,930.00
STORM SEWERS				
High Density Polyethylene Pipe				
15" HDPE	1295.35	L.F.	\$40.00	\$51,814.00
24" HDPE	85.23	L.F.	\$54.00	\$4,602.42
48" HDPE	122.83	L.F.	\$79.00	\$9,703.57
60" HDPE	197.33	L.F.	\$95.00	\$18,746.35
Reinforced Concrete Pipe				
15" RCP	103.17	L.F.	\$65.00	\$6,706.05
End Sections				

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
15" End Section (HDPE)	1.00	Ea.	\$550.00	\$550.00
60" End Section (RCP)	1.00	Ea.	\$3,000.00	\$3,000.00
Headwalls, Channel Lining				
Riprap	88.50	S.Y.	\$65.00	\$5,752.50
Structures				
Curb Inlets				
Std. 5' x 3' Inside	11.00	Ea.	\$3,200.00	\$35,200.00
Std. 5' x 4' Inside	1.00	Ea.	\$3,300.00	\$3,300.00
Field Inlets				
Std. 4' x 4' Inside	1.00	Ea.	\$3,100.00	\$3,100.00
Miscellaneous				
Connect to Existing Structures	1.00	Ea.	\$2,000.00	\$2,000.00
Connect to Existing Pipe	2.00	Ea.	\$2,000.00	\$4,000.00
Raise Existing Structure	5.06	V.F.	\$500.00	\$2,530.00
Subtotal				\$151,004.89
CONSTRUCTION COSTS:				\$547,070.64

