

SUMMIT VIEW FARMS 4TH PLAT
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS
SUMMIT VIEW FARMS DEVELOPMENT GROUP, LLC - LEE'S SUMMIT, MO
LAMP RYNEARSON

March 25, 2020

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Total
<u>MASS GRADING, EROSION CONTROL, PAVING, AND STORM PLANS</u>					
<u>Mass Grading & Erosion / Sediment Control</u>					
1.	Earthwork (Strip / Cut) (Bank Quantity)	10,410	CY	\$ 4	\$ 41,640
2.	Earthwork (Fill) (Excludes Finish Grading Quantity)	13,485	CY	\$ 4	\$ 53,940
3.	Temporary Construction Entrance	1	EA	\$ 1,800	\$ 1,800
4.	Mulch Berms / Sediment Fence	1,330	LF	\$ 1.50	\$ 1,995
5.	Temporary Ditch Checks	19	EA	\$ 100.00	\$ 1,900
6.	Maintain Temporary Sediment Basin	1	EA	\$ 4,000	\$ 4,000
7.	Inlet Protection	22	EA	\$ 100	\$ 2,200
8.	Temporary Seeding	13	AC	\$ 1,100	\$ 14,300
SUBTOTAL MASS GRADING & EROSION CONTROL:					\$ 121,775
<u>Paving & Final Restoration</u>					
9.	Earthwork (Finish Grading)	4,000	CY	\$ 3	\$ 12,000
10.	Permanent Seeding	13	AC	\$ 1,400	\$ 18,200
11.	Native Swale Plantings and Ditch Checks w/ 4" Pipe	945	LF	\$ 8	\$ 7,560
12.	2" Type 5 (APWA) Virgin AC Surface Course	9,358	SY	\$ 9	\$ 84,222
13.	4" Type 5 (APWA) AC Base Course	6,843	SY	\$ 14	\$ 95,802
14.	5.5" Type 5 (APWA) AC Base Course	2,515	SY	\$ 20	\$ 50,300
15.	6" MoDOT Type 5 Base	11,246	SY	\$ 8	\$ 89,968
16.	6" Subgrade Stabilization	8,259	SY	\$ 5	\$ 41,295
17.	9" Subgrade Stabilization	2,987	SY	\$ 6	\$ 17,922
18.	2' Concrete Curb & Gutter (Type CG-1)	1,434	LF	\$ 17	\$ 24,378
19.	2' Concrete Curb & Gutter (Type CG-2)	4,229	LF	\$ 15	\$ 63,435
20.	4" Concrete Sidewalk (all sidewalk in Plat)	15,950	SF	\$ 5	\$ 79,750
21.	ADA Sidewalk Ramps	985	SF	\$ 12	\$ 11,820
SUBTOTAL PAVING & FINAL RESTORATION:					\$ 596,652
<u>Storm Sewer</u>					
22.	15" Storm Sewer Pipe (HDPE)	557	LF	\$ 35	\$ 19,495
23.	15" Storm Sewer Pipe (PP or RCP)	120	LF	\$ 40	\$ 4,800
24.	18" Storm Sewer Pipe (HDPE)	285	LF	\$ 40	\$ 11,400
25.	24" Storm Sewer Pipe (HDPE)	431	LF	\$ 45	\$ 19,395
26.	30" Storm Sewer Pipe (HDPE)	196	LF	\$ 55	\$ 10,780
27.	36" Storm Sewer Pipe (HDPE)	89	LF	\$ 70	\$ 6,230
28.	36" Storm Sewer Pipe (PP or RCP)	211	LF	\$ 75	\$ 15,825
29.	42" Storm Sewer Pipe (HDPE)	391	LF	\$ 90	\$ 35,190
30.	5' x 3' Curb Inlet (LS STM-1)	12	EA	\$ 3,400	\$ 40,800
31.	5' x 4' Curb Inlet (LS STM-1)	1	EA	\$ 3,700	\$ 3,700
32.	5' x 4' Curb Inlet (SPECIAL LS STM-1)	1	EA	\$ 4,700	\$ 4,700
33.	5' x 5' Curb Inlet (LS STM-1)	3	EA	\$ 3,900	\$ 11,700
34.	5' x 7' Curb Inlet (SPECIAL LS STM-1)	1	EA	\$ 5,200	\$ 5,200
35.	8' x 5' Curb Inlet (SPECIAL LS STM-1)	1	EA	\$ 5,500	\$ 5,500
36.	5' x 5' Junction Box (SPECIAL LS STM-3)	2	EA	\$ 6,000	\$ 12,000
37.	4' x 4' Field Inlet (LS STM-2)	3	EA	\$ 3,500	\$ 10,500
38.	6" Pipe Underdrain	300	LF	\$ 15	\$ 4,500
SUBTOTAL STORM SEWER:					\$ 221,715
PUBLIC INFRASTRUCTURE TOTAL:					\$ 940,142

