

Project: Hickory Haven-Samary Forest Sanitary Sewer		 YOUR VISION ACHIEVED THROUGH OURS.			
Location: Goochland County, VA					
Date:	7/2/2019				
Based on 60% Plans for 8" Sanitary Sewer (not for construction)					
Item #	Description of Work	Unit of Measure	Quantity	Unit Price	Item Total
Gravity Sewer & Appurtenances:					
1	Mobilization	L.S.	1	\$ 60,000	\$ 60,000.00
2	8" PVC Sanitary Sewer Pipe	L.F.	9072	\$ 60	\$ 544,299
3	Installation Depth 0-6 Feet	L.F.	133	\$ 30	\$ 3,990
4	Installation Depth 6-8 Feet	L.F.	1904	\$ 35	\$ 66,700
5	Installation Depth 8-10 Feet	L.F.	3099	\$ 40	\$ 124,000
6	Installation Depth 10-12 Feet	L.F.	2066	\$ 50	\$ 103,300
7	Installation Depth 12-14 Feet	L.F.	1180	\$ 60	\$ 70,800
8	Installation Depth 14-16 Feet	L.F.	450	\$ 70	\$ 31,500
9	Installation Depth 16-18 Feet	L.F.	250	\$ 80	\$ 20,000
10	Select Backfill	C.Y.	500	\$ 70	\$ 35,000
11	Hardpan and Rock Excavation	C.Y.	---	---	---
12	48" Manhole	V.F.	405	\$ 500	\$ 202,500
13	Standard Manhole Frame and Cover	EA.	37	\$ 500	\$ 18,500
14	PVC Service Tee (8" x 4")	EA.	50	\$ 400	\$ 20,000
15	4" PVC Sewer Pipe for House Connection	L.F.	1700	\$ 35	\$ 59,500
16	Excavation and Backfill for 4" Service	L.F.	1700	\$ 30	\$ 51,000
17	4" PVC Cleanout on Service Line at P/L	EA.	57	\$ 400	\$ 22,800
18	Connect New Sewer Main to Existing Manhole	EA.	2	\$ 2,000	\$ 4,000
19	Connect New Sewer Service to new Manhole	EA.	6	\$ 500	\$ 3,000
20	Connect New Sewer Service to Existing Manhole	EA.	1	\$ 2,000	\$ 2,000
21	Bypass Pump Operation	L.S.	1	\$ 20,000	\$ 20,000.00
22	Traffic Control	L.S.	1	\$ 50,000	\$ 50,000
				Total	\$ 1,512,889
Erosion & Sediment Control:					
23	Clearing & grubbing	AC.	3.80	\$ 10,000	\$ 38,000
24	Construction entrance	EA.	5	\$ 5,000	\$ 25,000
25	Orange Safety Fence	L.F.	3000	\$ 8	\$ 24,000
26	Silt fence	L.F.	4400	\$ 5	\$ 22,000
27	Riprap	C.Y.	50	\$ 100	\$ 5,000
				Total	\$ 114,000
Restoration					
28	Pavement Milling	S.Y.	660	\$ 15	\$ 9,900
29	Replace Plant Mix Pavement 10" BM-25 + 2" SM-9.5 (trench only)	S.Y.	240	\$ 90	\$ 21,600
30	Pavement overlay with 2" SM-9.5	S.Y.	660	\$ 20	\$ 13,200
31	Grading, Seeding and Straw for Trenches	S.Y.	9920	\$ 10	\$ 99,200
32	Furnish and install 12" or 15" Concrete Driveway Culvert Pipe	L.F.	120	\$ 50	\$ 6,000
33	Stone for Driveway Replacement	L.F.	150	\$ 10	\$ 1,500
34	Additional Stone for Driveway Replacement	S.Y.	115	\$ 10	\$ 1,150
35	Paved Driveway Replacement Trench	L.F.	55	\$ 100	\$ 5,500
36	Concrete Driveway Replacement Trench	L.F.	20	\$ 200	\$ 4,000
37	Additional Driveway Replacement	S.Y.	50	\$ 100	\$ 5,000
38	Replace Miscellaneous Fencing	L.F.	1000	\$ 20	\$ 20,000
39	Replace Miscellaneous Trees and Shrubbery per Lot	EA.	59	\$ 500	\$ 29,500
				Total	\$ 216,550
				Sub Total	\$ 1,843,500
40	Construction Contingency		20%		\$ 368,700
				Grand Total	\$ 2,212,200

