

Project Location:		Town of Vienna, Virginia				
VDOT District:		Northern Virginia		Estimate By: MJG		
Project Manager:		Michael Gallagher, P.E. (Town of Vienna)		Date: 19-Jun-19		
AYR HILL AVE NW & CENTER ST N SIDEWALK - SCOPING ESTIMATE						
	NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
GRADING ITEMS						
1		MOBILIZATION/CONSTR. SCHEDULING	LS	1	\$ 92,787.20	\$ 92,787.20
2		CONSTRUCTION SURVEYING & AS-BUILT INFORMATION	LS	1	\$ 15,000.00	\$ 15,000.00
3		CLEARING AND GRUBBING	LS	1	\$ 8,000.00	\$ 8,000.00
4		EARTHWORK (TO INCLUDE EXCAVATION & HAUL AWAY/DISPOSAL)	LS	1	\$ 25,000.00	\$ 25,000.00
PAVEMENT ITEMS						
5		FULL DEPTH PAVEMENT FOR ROADWAY	SF	16000	\$ 15.00	\$ 240,000.00
6		ASPHALT CONCRETE TY. SM-9.5A OR SM-9.5D FOR OVERLAY (MIN. 2")	SF	6000	\$ 20.00	\$ 120,000.00
7		DRIVEWAY PAVEMENT	SF	1260	\$ 8.00	\$ 10,080.00
8		AGGREGATE BASE MATL. TY. I NO. 21A OR 21B	SF	7700	\$ 5.00	\$ 38,500.00
INCIDENTAL ITEMS						
9		ST'D. COMB. CURB AND GUTTER CG-6	LF	1100	\$ 60.00	\$ 66,000.00
10		CG-12 DETECTABLE WARNING SURFACE	SY	4	\$ 250.00	\$ 1,000.00
11		HYDR. CEMENT CONC. (CG-12)	SY	11	\$ 100.00	\$ 1,100.00
12		HYDR. CEMENT CONC. SIDEWALK 4"	SY	1100	\$ 80.00	\$ 88,000.00
13		CG-9B ENTRANCE GUTTER	SY	140	\$ 75.00	\$ 10,500.00
14		SAWCUT CONCRETE ITEMS (SIDEWALK, C&G, ETC.)	LF	100	\$ 7.00	\$ 700.00
15		SAWCUT FULL DEPTH PAVEMENT	LF	1200	\$ 7.00	\$ 8,400.00
16		DI-2B DROP INLET L=8'	EA	7	\$ 8,000.00	\$ 56,000.00
17		15" PIPE	LF	850	\$ 120.00	\$ 102,000.00
18		18" PIPE	LF	220	\$ 150.00	\$ 33,000.00
		24" PIPE	LF	150	\$ 200.00	\$ 30,000.00
19		NS TREE REMOVAL	EA	20	\$ 1,000.00	\$ 20,000.00
20		PROPOSED TREE	EA	30	\$ 450.00	\$ 13,500.00
21		TREE FILTER BOX	EA	2	\$ 10,000.00	\$ 20,000.00
PROTECTIVE ITEMS						
22		ALLAYING DUST	HR	10	\$ 25.00	\$ 250.00
23		MAINTENANCE OF TRAFFIC (INCLUDES ALL SIGNS)	LS	1	\$ 50,000.00	\$ 50,000.00
24		MILL ASPHALT PAVEMENT	SF	24000	\$ 2.00	\$ 48,000.00
25		DEMOLITION (& HAUL AWAY) OF FULL-DEPTH PAVEMENT (FLEXIBLE)	SY	1000	\$ 15.00	\$ 15,000.00
26		DEMOLITION (& HAUL AWAY) OF CONC.	SY	750	\$ 20.00	\$ 15,000.00
EROSION CONTROL/LANDSCAPING						
27		SOD/SOIL	SY	1370	\$ 10.00	\$ 13,700.00
28		SILT FENCE	LF	1100	\$ 4.00	\$ 4,400.00
29		MISC. LANDSCAPING (DISCRETION OF TOWN)	LS	1	\$ 10,000.00	\$ 10,000.00
PAVEMENT MARKINGS & ROADWAY SIGNAGE ITEMS						
30		PAVEMENT MARKING	EA	1	\$ 5,000.00	\$ 5,000.00
31		RELOCATE/RESET EXIST. SIGN STRUCTURE	EA	8	\$ 250.00	\$ 2,000.00
IN-PLAN UTILITY/MISC.						
32		RESET/ADJUST FIRE HYDRANT	EA	2	\$ 3,500.00	\$ 7,000.00
33		RESET/ADJUST MAIL BOX	EA	10	\$ 150.00	\$ 1,500.00
34		ADJUST WATER METER	EA	7	\$ 1,200.00	\$ 8,400.00
					Construction Sub Total	\$ 1,179,817.20
					CEI - Town of Vienna (5%)	\$ 58,990.86
					CEI - VDOT (2%)	\$ 23,596.34
					Construction Contingency (15%)	\$ 189,360.66
					Construction Total	\$ 1,451,765.06
PRELIMINARY/FINAL ENGINEERING						
35		ENGINEERING	LS	1	\$ 217,764.76	\$ 217,764.76
36		VDOT OVERSIGHT	LS	1	\$ 17,000.00	\$ 17,000.00
					Engineering Total	\$ 234,764.76
RIGHT OF WAY						
		EASEMENT PLATS	EA	20	\$ 1,200.00	\$ 24,000.00
					RW Total	\$ 24,000.00
SCOPING ESTIMATE TOTAL (IN 2019 Dollars)						\$ 1,710,529.82
SCOPING ESTIMATE TOTAL (CONSTRUCTION IN 2021 - 5% Inflation)						\$ 1,796,056.31