

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		
Glyndon Street NE Sidewalk - SCOPING ESTIMATE						
	NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
GRADING ITEMS						
1		MOBILIZATION/CONSTR. SCHEDULING	LS	1	\$ 124,017.30	\$ 124,017.30
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	6000	\$ 15.00	\$ 90,000.00
6		ASPHALT CONCRETE TY. SM-9.5A OR SM-9.5D FOR OVERLAY (MIN. 2")	SF	26000	\$ 20.00	\$ 520,000.00
7		DRIVEWAY PAVEMENT	SF	3800	\$ 8.00	\$ 30,400.00
8		AGGREGATE BASE MATL. TY. I NO. 21A OR 21B	SF	9000	\$ 5.00	\$ 45,000.00
INCIDENTAL ITEMS						
9		ST'D. COMB. CURB AND GUTTER CG-6	LF	2100	\$ 60.00	\$ 126,000.00
10		CG-12 DETECTABLE WARNING SURFACE	SY	4	\$ 250.00	\$ 1,000.00
11		HYDR. CEMENT CONC. (CG-12)	SY	30	\$ 100.00	\$ 3,000.00
12		HYDR. CEMENT CONC. SIDEWALK 4"	SY	1100	\$ 80.00	\$ 88,000.00
13		CG-9B ENTRANCE GUTTER	SY	500	\$ 75.00	\$ 37,500.00
14		SAWCUT CONCRETE ITEMS (SIDEWALK, C&G, ETC.)	LF	100	\$ 7.00	\$ 700.00
15		SAWCUT FULL DEPTH PAVEMENT	LF	2000	\$ 7.00	\$ 14,000.00
16		DI-2B DROP INLET L=8'	EA	12	\$ 8,000.00	\$ 96,000.00
17		15" PIPE	LF	1000	\$ 120.00	\$ 120,000.00
18		18" PIPE	LF	650	\$ 150.00	\$ 97,500.00
		24" PIPE	LF	300	\$ 200.00	\$ 60,000.00
19		NS TREE REMOVAL	EA	15	\$ 1,000.00	\$ 15,000.00
20		PROPOSED TREE	EA	60	\$ 450.00	\$ 27,000.00
21		TREE FILTER BOX	EA	5	\$ 10,000.00	\$ 50,000.00
PROTECTIVE ITEMS						
22		ALLAYING DUST	HR	10	\$ 5.00	\$ 50.00
23		MAINTENANCE OF TRAFFIC (INCLUDES ALL SIGNS)	LS	1	\$ 25,000.00	\$ 25,000.00
24		MILL ASPHALT PAVEMENT	SF	25350	\$ 2.00	\$ 50,700.00
25		DEMOLITION (& HAUL AWAY) OF FULL-DEPTH PAVEMENT (FLEXIBLE)	SY	2800	\$ 15.00	\$ 42,000.00
26		DEMOLITION (& HAUL AWAY) OF CONC.	SY	360	\$ 20.00	\$ 7,204.44
EROSION CONTROL/LANDSCAPING						
27		SOD/SOIL	SY	2000	\$ 10.00	\$ 20,000.00
28		SILT FENCE	LF	2000	\$ 4.00	\$ 8,000.00
29		MISC. LANDSCAPING (DISCRETION OF TOWN)	LS	1	\$ 10,000.00	\$ 10,000.00
PAVEMENT MARKINGS & ROADWAY SIGNAGE ITEMS						
30		SPEED HUMP 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	1	\$ 3,500.00	\$ 3,500.00
33		RESET/ADJUST MAIL BOX	EA	10	\$ 150.00	\$ 1,500.00
34		ADJUST WATER METER	EA	9	\$ 1,200.00	\$ 10,800.00
					Construction Sub Total	\$ 1,778,871.74
					CEI - Town of Vienna (5%)	\$ 88,943.59
					CEI - VDOT (2%)	\$ 35,577.43
					Construction Contingency (10%)	\$ 190,339.28
					Construction Total	\$ 2,093,732.04
PRELIMINARY/FINAL ENGINEERING						
35		ENGINEERING	LS	1	\$ 167,498.56	\$ 167,498.56
36		VDOT OVERSIGHT	LS	1	\$ 17,000.00	\$ 17,000.00
					Engineering Total	\$ 184,498.56
RIGHT OF WAY						
		EASEMENT PLATS	EA	20	\$ 1,200.00	\$ 24,000.00
					RW Total	\$ 24,000.00
SCOPING ESTIMATE TOTAL (IN 2019 Dollars)						\$ 2,302,230.60
SCOPING ESTIMATE TOTAL (CONSTRUCTION IN 2021 - 5% Inflation)						\$ 2,417,342.13