

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	\$ 50,000.00	\$ 50,000.00
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	3100	\$ 15.00	\$ 46,500.00
6		ASPHALT CONCRETE TY. SM-9.5A OR SM-9.5D FOR OVERLAY (MIN. 2")	SF	20300	\$ 20.00	\$ 406,000.00
7		DRIVEWAY PAVEMENT	SF	900	\$ 8.00	\$ 7,200.00
8		AGGREGATE BASE MATL. TY. I NO. 21A OR 21B	SF	4700	\$ 5.00	\$ 23,500.00
INCIDENTAL ITEMS						
9		ST'D. COMB. CURB AND GUTTER CG-6	LF	1660	\$ 60.00	\$ 99,600.00
10		CG-12 DETECTABLE WARNING SURFACE	SY	6	\$ 250.00	\$ 1,500.00
11		HYDR. CEMENT CONC. (CG-12)	SY	17	\$ 100.00	\$ 1,700.00
12		HYDR. CEMENT CONC. SIDEWALK 4"	SY	890	\$ 80.00	\$ 71,200.00
13		CG-9B ENTRANCE GUTTER	SY	120	\$ 75.00	\$ 9,000.00
14		SAWCUT CONCRETE ITEMS (SIDEWALK, C&G, ETC.)	LF	250	\$ 7.00	\$ 1,750.00
15		SAWCUT FULL DEPTH PAVEMENT	LF	2000	\$ 7.00	\$ 14,000.00
16		DI-2B DROP INLET L=8'	EA	21	\$ 6,800.00	\$ 142,800.00
17		15" PIPE	LF	165	\$ 120.00	\$ 19,800.00
18		18" PIPE	LF	96	\$ 150.00	\$ 14,400.00
		24" PIPE	LF	397	\$ 200.00	\$ 79,400.00
		30" PIPE	LF	351	\$ 225.00	\$ 78,975.00
19		NS TREE REMOVAL	EA	20	\$ 1,000.00	\$ 20,000.00
20		PROPOSED TREE	EA	20	\$ 450.00	\$ 9,000.00
21		WATER QAULITY BIORETENTION	EA	1	\$ 15,000.00	\$ 15,000.00
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	20000	\$ 2.00	\$ 40,000.00
25		DEMOLITION (& HAUL AWAY) OF FULL-DEPTH PAVEMENT (FLEXIBLE)	SY	450	\$ 15.00	\$ 6,750.00
26		DEMOLITION (& HAUL AWAY) OF CONC.	SY	250	\$ 20.00	\$ 5,000.00
EROSION CONTROL/LANDSCAPING						
27		SOD/SOIL	SY	4200	\$ 10.00	\$ 42,000.00
28		SILT FENCE	LF	1500	\$ 4.00	\$ 6,000.00
PAVEMENT MARKINGS & ROADWAY SIGNAGE ITEMS						
29		PAVEMENT MARKING	EA	1	\$ 7,500.00	\$ 7,500.00
30		RELOCATE/RESET EXIST. SIGN STRUCTURE	EA	12	\$ 250.00	\$ 3,000.00
IN-PLAN UTILITY/MISC.						
31		RESET/ADJUST FIRE HYDRANT	EA	2	\$ 3,500.00	\$ 7,000.00
32		RESET/ADJUST MAIL BOX	EA	7	\$ 150.00	\$ 1,050.00
33		ADJUST WATER METER	EA	7	\$ 1,200.00	\$ 8,400.00
					Construction Sub Total	\$ 1,311,075.00
					CEI - Town of Vienna (5%)	\$ 65,553.75
					CEI - VDOT (2%)	\$ 26,221.50
					Construction Contingency (10%)	\$ 140,285.03
					Construction Total	\$ 1,543,135.28
PRELIMINARY/FINAL ENGINEERING						
34		ENGINEERING	LS	1	\$ 123,450.82	\$ 123,450.82
35		VDOT OVERSIGHT	LS	1	\$ 17,000.00	\$ 17,000.00
					Engineering Total	\$ 140,450.82
RIGHT OF WAY						
		EASEMENT PLATS	EA	7	\$ 1,200.00	\$ 8,400.00
					RW Total	\$ 8,400.00
					SCOPING ESTIMATE TOTAL (IN 2019 Dollars)	\$ 1,691,986.10
					SCOPING ESTIMATE TOTAL (CONSTRUCTION IN 2021 - 5% Inflation)	\$ 1,776,585.40