

Project Location: Town of Vienna, Virginia

VDOT District: Northern Virginia

Project Manager: Michael Gallagher, P.E. (Town of Vienna)

Estimate By: MJG

Date: 19-Jun-19

MINI-ROUNDAABOUT IN VIENNA - CHURCH STREET N.E. AT EAST STREET N.E. - QUANTITY LIST						
	NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
GRADING ITEMS						
	1	MOBILIZATION/CONSTR. SCHEDULING	LS	1	\$ 27,522.58	\$ 27,523.00
	2	CONSTRUCTION SURVEYING	LS	1	\$ 5,888.26	\$ 5,888.26
	3	CLEARING AND GRUBBING	LS	1	\$ 350.00	\$ 350.00
	4	REGULAR EXCAVATION	CY	30	\$ 34.00	\$ 1,020.00
	5	EXCESS CUT TO BE DISPOSED (HAUL AWAY)	CY	20	\$ 35.50	\$ 710.00
PAVEMENT ITEMS						
	6	ASPHALT CONCRETE TY. SM-9.5A OR SM-9.5D	TON	4	\$ 250.00	\$ 1,000.00
	7	ASPHALT CONCRETE BASE TY. BM-25.0A	TON	12	\$ 225.00	\$ 2,700.00
	8	AGGREGATE BASE MATL. TY. I NO. 21B	TON	173	\$ 40.00	\$ 6,920.00
	9	SELECT MATL. TY. I MIN. CBR-30	CY	36	\$ 60.00	\$ 2,160.00
	10	SLURRY SEAL	SY	2045	\$ 15.00	\$ 30,675.00
INCIDENTAL ITEMS						
	11	MOD. COMB. CURB AND GUTTER CG-6	LF	139	\$ 46.00	\$ 6,394.00
	12	MOD. RAD. COMB. CURB AND GUTTER CG-6	LF	87	\$ 46.25	\$ 4,023.75
	13	CG-12 DETECTABLE WARNING SURFACE	SY	16	\$ 285.00	\$ 4,560.00
	14	HYDR. CEMENT CONC. SIDEWALK 4"	SY	47	\$ 65.00	\$ 3,055.00
	15	HYDR. CEMENT CONC. (CG-12)	SY	89	\$ 75.00	\$ 6,675.00
	16	HYDR. CEMENT CONC. WALKWAY (PRIVATE CONNECTIONS)	SY	2	\$ 65.00	\$ 130.00
	17	REINFORCED HYDR. CEMENT CONC. PAVEMENT (8" DEPTH) [DYED CONCRETE, BRICK RED COLOR & BRICK PATTERN STAMP APPLIED]	SY	125	\$ 300.00	\$ 37,500.00
	18	MOD. CURB CG-3	LF	51	\$ 45.00	\$ 2,295.00
	19	MOD. RAD. CURB CG-3	LF	253	\$ 45.50	\$ 11,511.50
	20	MEDIAN STRIP MS-1 WITH ST'D. CG-2 CURB	SY	175	\$ 155.00	\$ 27,125.00
	21	FLEXIBLE PAVEMENT PLANING (2" MILL)	SY	170	\$ 33.00	\$ 5,610.00
	22	SAWCUT CONCRETE ITEMS (SIDEWALK, C&G, ETC.)	LF	96	\$ 7.00	\$ 672.00
	23	SAWCUT FULL DEPTH PAVEMENT	LF	565	\$ 6.00	\$ 3,390.00
PROTECTIVE ITEMS						
	24	ALLAYING DUST	HR	20	\$ 35.00	\$ 700.00
	25	MAINTENANCE OF TRAFFIC (INCLUDES ALL SIGNS & DETOUR ITEMS)	LS	1	\$ 70,000.00	\$ 70,000.00
	26	DEMOLITION (& HAUL AWAY) OF FULL-DEPTH PAVEMENT (FLEXIBLE)	SY	170	\$ 21.00	\$ 3,570.00
	27	DEMOLITION (& HAUL AWAY) OF CONC. (SIDEWALK, ETC.)	SY	111	\$ 21.00	\$ 2,331.00
	28	DEMO (& HAUL AWAY) EX. CURB & GUTTER	LF	227	\$ 12.00	\$ 2,724.00
EROSION CONTROL/LANDSCAPING						
	29	TOP SOIL CL. A 2"	SY	26	\$ 6.00	\$ 156.00
	30	SOD	SY	26	\$ 15.00	\$ 390.00
	31	INLET PROTECTION (TY. A OR B)	EA	7	\$ 250.00	\$ 1,750.00
	32	SILT FENCE	LF	355	\$ 4.50	\$ 1,597.50
	33	MISC. LANDSCAPING (DISCRECTION OF TOWN)	LS	1	\$ 2,500.00	\$ 2,500.00
TRAFFIC AND SAFETY ITEMS						
	34	4" PAVEMENT MARKING TY. B CLASS VI - WHITE (THERMO-PLASTIC)	LF	347	\$ 1.25	\$ 433.75
	35	4" PAVEMENT MARKING TY. B CLASS VI - YELLOW (THERMO-PLASTIC)	LF	1544	\$ 1.00	\$ 1,544.00
	36	8" PAVEMENT MARKING TY. B CLASS VI - WHITE (THERMO-PLASTIC)	LF	70	\$ 2.50	\$ 175.00
	37	24" PAVEMENT MARKING TY. B CLASS I - WHITE	LF	195	\$ 10.75	\$ 2,096.25
	38	24" PAVEMENT MARKING TY. B CLASS I - YELLOW	LF	67	\$ 11.00	\$ 737.00
	39	TURN LANE USE ARROW TY. B CLASS I - WHITE	EA	1	\$ 150.00	\$ 150.00
	40	TURN AND THROUGH LANE USE ARROW TY. B CLASS I - WHITE	EA	2	\$ 275.00	\$ 550.00
	41	1.5' WIDTH YIELD TRIANGLE TY. B CLASS I - WHITE	EA	21	\$ 45.00	\$ 945.00
	42	ERADICATION OF EX. PAVEMENT MARKING (PER 6" WIDTH)	LF	3000	\$ 1.25	\$ 3,750.00
	43	CONC. FOUNDATION STP-1 TYPE A	EA	19	\$ 200.00	\$ 3,800.00
	44	ST'D STP-1 POST, 2-1/2"	LF	266	\$ 50.00	\$ 13,300.00
	45	ST'D STP-1 POST, 2-3/16"	LF	90	\$ 45.00	\$ 4,050.00
	46	REMOVE EXIST. SIGN STRUCTURE/FOUND.	EA	2	\$ 200.00	\$ 400.00
	47	SIGN PANEL	SF	182	\$ 35.00	\$ 6,370.00
	48	INSTALL SIGN	EA	19	\$ 225.00	\$ 4,275.00
	49	YELLOW (REFLECTIVE) FLEXIBLE DELINEATOR POST	EA	11	\$ 222.00	\$ 2,442.00
IN-PLAN UTILITY						
	50	NS RESET/ADJUST (& PAINT/STAIN) SANITARY MAN HOLE	EA	2	\$ 1,800.00	\$ 3,600.00
	51	NS RESET/ADJUST SANITARY MAN HOLE	EA	1	\$ 1,600.00	\$ 1,600.00
PRELIMINARY/FINAL ENGINEERING						
	52	ENGINEERING	LS	1	\$ 66,679.40	\$ 66,679.00
	53	VDOT OVERSIGHT	LS	1	\$ 7,500.00	\$ 7,500.00
					Engineering Total	\$ 74,179.00
RIGHT OF WAY						
		EASEMENT PLATS	EA	5	\$ 1,500.00	\$ 7,500.00
					RW Total	\$ 7,500.00
SCOPING ESTIMATE TOTAL (IN 2019 Dollars)						
						\$ 526,208.36