

Project Number:	N/A			UPC Number:	N/A	
Project Location:	Town of Vienna, Virginia			Designed By:	Rinker Design Associates, P.C.	
VDOT District:	N/A - County/Town Project			Designer:	Rinker Design Associates, P.C.	
Project Manager:	Michael Gallagher, P.E.			Date:	September 2018	
OLD COURTHOUSE ROAD PEDESTRIAN ENHANCEMENT PROJECT QUANTITY LIST: TOTAL ESTIMATE						
ITEM	VDOT ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE*	AMOUNT
GENERAL CONSTRUCTION AND EARTHWORK						
1	00100	MOBILIZATION	LS	1	\$ 81,302.77	\$ 81,302.77
2	00101	CONSTRUCTION SURVEYING	LS	1	\$ 10,300.00	\$ 10,300.00
3	00110	CLEARING AND GRUBBING	AC	0.76	\$ 15,270.00	\$ 11,605.20
4	00120	REGULAR EXCAVATION	CY	1852	\$ 76.35	\$ 141,400.20
4A	ATTD	NS EARTHWORK CONTINGENCY	CY	250	\$ 76.35	\$ 19,087.50
5	00140	BORROW EXCAVATION	CY	1555	\$ 10.18	\$ 15,829.90
6	00118	NS EXCAVATION REMOVE/HAUL AWAY EXCESS CUT	CY	1793	\$ 15.00	\$ 26,895.00
PAVEMENT ITEMS						
7	10636	ASPHALT CONCRETE TY. SM-9.5D	TON	626.4	\$ 106.89	\$ 66,955.90
8	16390	ASPHALT CONCRETE TY. BM-25.0A	TON	305.4	\$ 106.89	\$ 32,644.21
9	10128	AGGR.BASE MATL. TY. I NO. 21B	TON	1206.9	\$ 22.91	\$ 27,650.08
10	14270	AGGR. MATL. NO. 25 OR 26	TON	7.2	\$ 35.00	\$ 252.00
INCIDENTAL ITEMS						
11	10625	FLEXIBLE PAVE. PLANING 0"-2"	SY	3773	\$ 3.56	\$ 13,431.88
12	12600	STD. COMB. CURB & GUTTER CG-6	LF	401	\$ 48.36	\$ 19,392.36
13	12720	NS COMB. CURB & GUTTER (MODIFIED CG-6)	LF	1216	\$ 48.36	\$ 58,805.76
14	12720	NS COMB. CURB & GUTTER (MODIFIED CG-6 FOR TRANSITION)	LF	10	\$ 48.36	\$ 483.60
15	12725	NS RADIAL COMB. CURB & GUTTER (MODIFIED RADIAL CG-6)	LF	223	\$ 48.36	\$ 10,784.28
16	12920	ENTRANCE GUTTER CG-9B	SY	228	\$ 86.53	\$ 19,728.84
17	14100	REMOVAL OF SIDEWALK (ASPHALT TRAIL)	SY	485	\$ 2.04	\$ 989.40
18	14100	REMOVAL OF SIDEWALK (CONCRETE)	SY	15	\$ 2.04	\$ 30.60
19	14120	REMOVE CURB AND GUTTER	LF	100	\$ 2.04	\$ 204.00
20	14300	CEMENT CONCRETE SIDEWALK 4"	SY	984	\$ 76.35	\$ 75,128.40
21	14310	7" HES (FOR DRIVEWAY TIE IN)	SY	180	\$ 70.00	\$ 12,600.00
22	14440	SAW CUT (SIDEWALK AND ASPHALT TRAIL)	LF	19	\$ 0.10	\$ 1.90
23	14450	SAW CUT CURB AND GUTTER	LF	5	\$ 0.10	\$ 0.50
24	24410	DEMOLITION OF PAVEMENT	SY	496	\$ 3.05	\$ 1,512.80
25	24500	NS REMOVE CONCRETE STEPS/CONCRETE DITCH/CONCRETE TRESTLE	SY	108	\$ 2.04	\$ 220.32
26	24500	NS REMOVE CONCRETE DRIVEWAY	SY	164	\$ 2.04	\$ 334.56
27	24500	NS REMOVE ASPHALT DRIVEWAY	SY	713	\$ 2.04	\$ 1,454.52
28	24500	NS REMOVE DRIVE WAY CULVERTS	LF	173	\$ 25.45	\$ 4,402.85
29	24505	NS RELOCATE EXIST. MAILBOX	EA	9	\$ 365.00	\$ 3,285.00
30	51910	SAW CUT PAVEMENT (ROADWAY)	LF	2355	\$ 0.10	\$ 235.50
31	51910	SAW CUT (ASPHALT DRIVEWAY/PARKING LOT)	LF	164	\$ 0.10	\$ 16.40
32	51910	SAW CUT (CONCRETE DRIVEWAY)	LF	67	\$ 0.10	\$ 6.70
33	13245	NS SIDEWALK CG-12B CURB RAMPS (PRICE TO INCLUDE 4" 21B STONE & DETECTABLE WARNING SURFACE)	SY	87	\$ 81.44	\$ 7,085.28
EROSION & SEDIMENT CONTROL						
34	27012	TOPSOIL CL. A 2"	SY	2420	\$ 3.56	\$ 8,615.20
35	27300	SOD	SY	2420	\$ 10.18	\$ 24,635.60
38	24502	REMOVE TRESS (2 "- 6" DIA.)	EA	4	\$ 178.15	\$ 712.60
39	24502	REMOVE TREES (6" - 18" DIA.)	EA	9	\$ 509.00	\$ 4,581.00
40	24502	REMOVE TREES (18" - 30" DIA.)	EA	3	\$ 1,476.10	\$ 4,428.30
41	24502	REMOVE SHRUBS	EA	3	\$ 50.90	\$ 152.70
42	24502	GRIND TREE STUMP BELOW GRADE (SMALLER THAN 18" DIA.)	EA	13	\$ 101.80	\$ 1,323.40
43	24502	GRIND TREE STUMP BELOW GRADE (18" - 30" DIA.)	EA	3	\$ 178.15	\$ 534.45
44	ATTD	TREES (2" CALIPHER MIN. & 1 YEAR MAINTENANCE)	EA	35	\$ 375.00	\$ 13,125.00
45	23604	NS FENCE TREE PROTECTION FENCE	LF	550	\$ 9.67	\$ 5,318.50
46	27505	TEMPORARY SILT FENCE	LF	1973	\$ 9.67	\$ 19,078.91
47	27275	NS EROSION CONTROL CULVERT INLET PROTECTION EC-6	EA	10	\$ 152.70	\$ 1,527.00
48	27451	DROP INLET PROTECTION (TY. A OR TY. B)	EA	27	\$ 152.70	\$ 4,122.90
49	27275	NS EROSION CONTROL CULVERT OUTLET PROTECTION EC-1	EA	10	\$ 500.00	\$ 5,000.00
50	27415	CHECK DAM (ROCK) TY. II	EA	40	\$ 254.69	\$ 10,187.60
DRAINAGE ITEMS						
51	00588	UNDERDRAIN UD-4 (PERFORATED)	LF	1848	\$ 25.45	\$ 47,031.60
52	00588	UNDERDRAIN UD-4 (NON-PERFORATED)	LF	271	\$ 25.45	\$ 6,896.95
53	01152	15" CONC. PIPE	LF	1234	\$ 86.53	\$ 106,778.02
54	01182	18" CONC. PIPE	LF	190	\$ 96.71	\$ 18,374.90
55	01242	24" CONC. PIPE	LF	28	\$ 127.25	\$ 3,563.00
56	02222	34" X 22" ELLIPTICAL CONC. PIPE	LF	3	\$ 147.61	\$ 442.83
57	06151	15" END SECTION ES-1	EA	1	\$ 559.90	\$ 559.90
58	06240	24" END SECTION ES-1	EA	1	\$ 1,018.00	\$ 1,018.00
59	06750	DROP INLET DI-2B L=10'	EA	2	\$ 4,326.50	\$ 8,653.00
60	06751	DROP INLET DI-2B L=12'	EA	1	\$ 4,326.50	\$ 4,326.50
61	06817	DROP INLET DI-3B L=4' (MONOLITHIC BOX)	EA	2	\$ 4,326.50	\$ 8,653.00
62	06818	DROP INLET DI-3B L=6'	EA	2	\$ 4,326.50	\$ 8,653.00
63	06819	DROP INLET DI-3B L=8'	EA	1	\$ 4,326.50	\$ 4,326.50
64	06821	DROP INLET DI-3B L=12'	EA	1	\$ 4,326.50	\$ 4,326.50
65	06822	DROP INLET DI-3B L=14'	EA	1	\$ 4,326.50	\$ 4,326.50
66	06827	DROP INLET DI-3BB L=6' (WITH 1/2" STEEL PLATE)	EA	1	\$ 4,326.50	\$ 4,326.50
67	06835	DROP INLET DI-3C L=6' (MONOLITHIC BOX)	EA	1	\$ 4,326.50	\$ 4,326.50
68	06835	DROP INLET DI-3C L=6'	EA	1	\$ 4,326.50	\$ 4,326.50
69	06836	DROP INLET DI-3C L=8' (MONOLITHIC BOX)	EA	1	\$ 4,326.50	\$ 4,326.50

70	07508	DROP INLET DI-7 TYPE III GRATE	EA	1	\$ 4,326.50	\$ 4,326.50
71	09148	EROSION CONTROL STONE CLASS A1 EC-1	TON	3	\$ 101.80	\$ 305.40
72	09215	PAVED DITCH PG-5	SY	46	\$ 76.35	\$ 3,512.10
73	-----	NUTRIENT CREDITS	LB	0.59	\$ 19,000.00	\$ 11,210.00
PAVEMENT MARKING & SIGNAGE						
74	50108	SIGN PANEL	SF	12	\$ 50.00	\$ 600.00
75	50430	SIGN POST STP-1, 2" 14 GA.	LF	154	\$ 25.00	\$ 3,850.00
76	50432	SIGN POST STP-1, 2 3/16 10 GA.	LF	6	\$ 27.00	\$ 162.00
77	50434	SIGN POST STP-1, 2 1/2" 10 GA.	LF	1	\$ 40.93	\$ 40.93
78	50436	SIGN POST STP-1, 2 1/2" 12 GA.	LF	98	\$ 35.00	\$ 3,430.00
79	50485	CONCRETE FOUNDATION STP-1, TYPE A	EA	18	\$ 465.33	\$ 8,375.94
80	50486	CONCRETE FOUNDATION STP-1, TYPE B	EA	1	\$ 530.56	\$ 530.56
81	50759	RELOCATE EXIST. SIGN PANEL (COST OF POSTS AND FOUNDATIONS TO BE REMOVED INCLUDED)	EA	16	\$ 178.15	\$ 2,850.40
82	50860	REMOVE-DISPOSE SIGN STRUCT. (INCLUDES SIGNS, POSTS, AND FOUNDATIONS)	EA	4	\$ 178.15	\$ 712.60
83	51951	INSTALL SIGN (ROADWAY SIGNS)	EA	3	\$ 455.00	\$ 1,365.00
84	54032	TY. B CL. I PAVE. LINE MARK. 4" (YELLOW)	LF	4048	\$ 1.50	\$ 6,072.00
85	54034	TY. B CL. I PAVE. LINE MARK. 6" (WHITE)	LF	4181	\$ 2.00	\$ 8,362.00
86	54040	TY. B CL. I PAVE. LINE MARK. 12" (WHITE)	LF	108	\$ 36.03	\$ 3,891.24
87	54042	TY. B CL. I PAVE. LINE MARK. 24" (WHITE)	LF	126	\$ 24.00	\$ 3,024.00
88	54250	PAVEMENT MESSAGE MARK. BICYCLE ARROW	EA	13	\$ 350.00	\$ 4,550.00
89	54254	PAVEMENT MESSAGE MARK. BICYCLE LANE SYMBOL	EA	13	\$ 350.00	\$ 4,550.00
90	54401	TY. B CL. I PAVE. MESSAGE MARK. "SCHOOL" (WHITE)	EA	1	\$ 1,500.00	\$ 1,500.00
TRANSPORTATION MANAGEMENT PLAN AND SEQUENCE OF CONSTRUCTION						
91	24265	NS MAINTENANCE OF TRAFFIC [PEDESTRIAN IMPROVEMENTS]	LS	1	\$ 80,000.00	\$ 80,000.00
92	24265	NS MAINTENANCE OF TRAFFIC [WATERLINE RELOCATION]	LS	1	\$ 40,000.00	\$ 40,000.00
UTILITIES (BY CONTRACTOR)						
93		WATERLINE RELOCATION (ESTIMATE PROVIDED BY TOWN CONTRACTOR)	LS	1	\$ 501,500.00	\$ 501,500.00

*Unit Prices provided by the Town of Vienna based on Annual On-Call Task Order

SUB TOTAL (WITHOUT MOBILIZATION)	\$ 1,626,055.46
SUB TOTAL (WITH MOBILIZATION)	\$ 1,707,358.23
CONTINGENCY (10%)	\$ 170,735.82
TOTAL	\$ 1,878,094.06

UTILITIES (BY OTHERS)						
94		DOMINION ENERGY (PROJECT PORTION OF COST PER PROVIDED P/E), EXPIRES OCTOBER 2018	LS	1	\$ 65,000.00	\$ 65,000.00
95		VERIZON (PROJECT PORTION OF COST PER PROVIDED P/E), EXPIRES OCTOBER 2018	LS	1	\$ 18,000.00	\$ 18,000.00
96		WASHINGTON GAS (100% UTILITY COST)	LS	1	\$ 0.00	\$ 0.00
97		COX COMMUNICATIONS (100% UTILITY COST)	LS	1	\$ 0.00	\$ 0.00

SUB TOTAL	\$ 83,000.00
20% CONTINGENCY	\$ 16,600.00
TOTAL UTILITIES BY OTHERS	\$ 99,600.00

RIGHT OF WAY						
98		RIGHT OF WAY SERVICES	LS	1	\$ 48,000.00	\$ 48,000.00
99		FAIRFAX WATER PROPERTY (EXPECTED TO BE DONATED)	LS	1	\$ -	\$ -
100		AMBERWOOD HOMEOWNERS ASSOCIATION, INC.	SF	186	\$ 30.00	\$ 5,580.00

SUB TOTAL	\$ 53,580.00
10% CONTINGENCY	\$ 5,358.00
TOTAL RIGHT OF WAY	\$ 58,938.00

CONSTRUCTION ENGINEERING SUPPORT & CEI						
101		UTILITY STAKEOUT & UTILITY MONITORING	LS	1	\$ 57,000.00	\$ 57,000.00
102		CONSTRUCTION ENGINEERING SUPPORT	LS	1	\$ 46,000.00	\$ 46,000.00
103		VDOT L.U.P. ASSISTANCE, STREET ACCEPTANCE, GENERAL COUNTY PERMIT	LS	1	\$ 17,000.00	\$ 17,000.00
104		DIRECT COSTS	LS	1	\$ 5,000.00	\$ 5,000.00

SUB TOTAL	\$ 125,000.00
10% CONTINGENCY	\$ 12,500.00
EST. ENGINEERING COSTS	\$ 137,500.00

Town of Vienna CEI/Oversight (5%)	\$ 108,706.60
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PROJECT TOTAL	\$ 2,282,838.66
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