

UNIT LIST PRICE FOR PERFORMANCE BONDS
TOWN OF WARRENTON
DEPARTMENT OF PLANNING, ZONING, UTILITIES & PUBLIC WORKS

PROJECT NAME	Steeplechase Manor
T.O.W. FILE #	SDP 1999-01, Steeplechase Manor
DATE PREPARED:	December 16, 2019

NOTE: This form is to be used as a work sheet to estimate performance bond prices posted with Town of Warrenton. These prices do not include items that are to be bonded separately with other agencies. The first column prices are to be used for all of the applicable quantities up to the established limits. The second and third column prices are to be applied only to the quantities that exceed the limits established by the first and second column respectively.

1 STORM DRAINAGE

A. <u>STRUCTURES</u>		<u>UP TO 10</u>		<u>OVER 10</u>		<u>COST</u>
<u>QUANTITY</u>						
DI-1	@	\$1,800 ea =	\$0	@	\$1,440 ea =	0.00
DI-3 (1x8')	@	\$2,100 ea =	\$0	@	\$2,310 ea =	0.00
DI-3 (1x8')	@	\$2,400 ea =	\$0	@	\$1,920 ea =	0.00
DI-4	@	\$4,000 ea =	\$0	@	\$3,200 ea =	0.00
DI-7	@	\$2,100 ea =	\$0	@	\$1,680 ea =	0.00
MH-1	@	\$1,700 ea =	\$0	@	\$1,360 ea =	0.00
MH-2	@	\$1,800 ea =	\$0	@	\$1,440 ea =	0.00
JB-1	@	\$5,100 ea =	\$0	@	\$4,080 ea =	0.00
Page 1 Sub-Total =						0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

B. CONCRETE PIPE

COST

15"0	0	@	\$35	If =	\$0	0.00
18"0		@	\$38	If =	\$0	0.00
21"0		@	\$44	If =	\$0	0.00
24"0		@	\$48	If =	\$0	0.00
27"0		@	\$50	If =	\$0	0.00
30"0		@	\$55	If =	\$0	0.00
33"0		@	\$60	If =	\$0	0.00
36"0		@	\$97	If =	\$0	0.00
42"0		@	\$109	If =	\$0	0.00
48"0		@	\$126	If =	\$0	0.00
54"0		@	\$143	If =	\$0	0.00
60"0		@	\$160	If =	\$0	0.00
66"0		@	\$177	If =	\$0	0.00
72"0		@	\$206	If =	\$0	0.00

C. End Walls

UP TO 10'

OVER 10'

15"0	@	\$650	ea =	\$0	@	\$390	ea =	\$0	0.00
18"0	@	\$780	ea =	\$0	@	\$468	ea =	\$0	0.00
21"0	@	\$960	ea =	\$0	@	\$576	ea =	\$0	0.00
24"0	@	\$1,000	ea =	\$0	@	\$680	ea =	\$0	0.00

Page 2 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

C. END WALLS CONT

COST

0	30"0	@	\$1,400	ea	=	\$0	0.00
0	33"0	@	\$1,500	ea	=	\$0	0.00
0	36"0	@	\$1,550	ea	=	\$0	0.00
0	42"0	@	\$2,160	ea	=	\$0	0.00
0	48"0	@	\$2,470	ea	=	\$0	0.00
0	54"0	@	\$2,890	ea	=	\$0	0.00
0	60"0	@	\$3,840	ea	=	\$0	0.00
0	66"0	@	\$3,860	ea	=	\$0	0.00
0	72"0	@	\$4,570	ea	=	\$0	0.00

D. END SECTIONS (ES-I)

0	15"0	@	\$340	ea	=	\$0	0.00
0	18"0	@	\$480	ea	=	\$0	0.00
0	21"0	@	\$580	ea	=	\$0	0.00
0	24"0	@	\$660	ea	=	\$0	0.00

Page 3 Sub-Total =

0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

E. END SECTIONS (ES-1 CONT'D)

0	27"0	@	\$772	ea	=	\$0
0	30"0	@	\$872	ea	=	\$0
0	33"0	@	\$980	ea	=	\$0
0	36"0	@	\$1,060	ea	=	\$0
0	42"0	@	\$1,300	ea	=	\$0
0	48"0	@	\$1,472	ea	=	\$0

COST

0.00
0.00
0.00
0.00
0.00
0.00

F. DRIVEWAY CULVERTS (Bituminous Coated Corrugated Metal Pipe)

0	15"	@	\$25	LF	=	\$0
0	18"	@	\$30	LF	=	\$0

Sub-Total =

0.00

COST

0.00
0.00

Sub-Total =

0.00

Page 4 Sub-Total =

0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

G. END SECTIONS (ES-2)

0	15"0	@	\$350	ea	=	\$0
0	18"0	@	\$375	ea	=	\$0

COST

\$0.00
\$0.00

Sub-Total =

\$0

H. HIGH DENSITY POLYETHYLENE (HDPE) SMOOTHWALL PIPE

0	15"0	@	\$28	lf	=	\$0
0	18"0	@	\$30	lf	=	\$0
0	24"0	@	\$35	lf	=	\$0
0	30"0	@	\$43	lf	=	\$0
0	36"0	@	\$57	lf	=	\$0

COST

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

Sub-Total =

\$0.00

Page 5 Sub-Total =

\$0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

I. STORMWATER MANAGEMENT/BMP FACILITIES (See Note #2, Last Page)

<u>QUANTITY</u>		<u>COST</u>
Excavation	@ \$7 cy = \$0	0.00
Embankment (Fill Material)	@ \$10 cy = \$0	0.00
Spread & Compact Fill Material	@ \$5 cy = \$0	0.00
OUTLET STRUCTURE		
OUTLET PIPE	ea = \$0	0.00
End Wall	ea = \$0	0.00
Anti-Seep Collars	ea = \$0	0.00
(\$100 per 12"0 increments)	@ \$100 sf = \$0	0.00
Trash Rack	@ \$300 sf = \$0	0.00
SPILLWAY LINING		
Seed, Fertilizer & Mulch	@ \$2.00 sy = \$0	0.00
Sod	@ \$8.00 sy = \$0	
Hydraulic Cem. Conc. - 4" Depth	@ \$54.00 sy = \$0	0.00
Bituminous Concrete-1' Depth	@ \$5.00 sy = \$0	0.00
Rip Rap	@ \$65.00 sy = \$0	0.00
Grouted Rip-Rap	@ \$72.00 sy = \$0	0.00
Page 6 Sub-Total =		0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

J. STORMWATER MANAGEMENT/BMP FACILITIES (Continued)

<u>QUANTITY</u>		<u>COST</u>	
	Erosion Control Stone (EC-1)	@ \$90	ton = \$0
	# 57- Coarse Aggregate	@ \$25	cy = \$0
	Porous Pavement	@ \$10	sy = \$0
	4' High Chain Link Fence	@ \$7	lf = \$0
	(#9 gauge or Better)		
	6' High Chain Link Fence	@ \$11	lf = \$0
	(#9 gauge or Better)		
	6' Board Fence	@ \$11	lf = \$0
	Other		
		@ \$0	= \$0
		@ \$0	= \$0
		@ \$0	= \$0

K MISCELLANEOUS DRAINAGE ITEMS

0	Box Culvert	@	\$4.00	If =	\$0
<u>DITCHES</u>					
0	Paved Ditches	@	\$7.00	sf =	\$0
0	Filter Cloth Fabric & Gabion Stone	@	\$7.00	sf =	\$0
0	Sod Ditch	@	\$8.00	sy =	\$0
0	Seed, Fertilizer and Mulch	@	\$2.00	sy =	\$0
0	Rip-Rap	@	\$7.22	sf =	\$0
0	Grouted Rip-Rap	@	\$8.00	sf =	\$0
					0.00

Page 7 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

2 CONSTRUCTION WITHIN THE RIGHT-OF-WAY AND/OR EASEMENTS

A. SITE WORKS

	UP TO 5 AC.	OVER 5 AC.	COST
0 Clear & Grub	@ \$7,500 AC. = \$0	0 @ \$4,400 AC. = \$0	\$0.00

	UP TO 2000 CU. YDS.	2001-100,000 CU. YDS.	OVER 100,000 CU. YDS.	
0 Excavation	@ \$7 cy = \$0	@ \$5.00 cy = \$0	@ \$2.50 cy = \$0	0.00
0 Embankment	@ \$10 cy = \$0	@ \$8 cy = \$0		0.00
		@ \$5 cy = \$0		0.00
0 Spread & Compact Fill Material		@ \$1.00 SQ. YD. (\$ 200 Min.)		0.00
0 Slope Stabilization-Hydruseeding (3:1 or Flatter)		@ \$6.00 SQ. YD. (\$ 200 Min.)		0.00
0 Slope Stab - Sod, Jute Mesh, etc. (between 2:1 to 3:1)		@ Lump Sum		0.00
0 Special Slope Stabilization				

B. SUBBASE & BASE COURSE

0 Aggregate (21A)	@ \$2.50 SQ. YD./Inch Depth	D= in	0.00
0 Top Course/Intermediate Course Bituminous Concrete	@ \$5.50 SQ. YD./Inch Depth	D= in	0.00
0 Base Bituminous Concrete	@ \$5.00 SQ. YD./Inch Depth	D= in	0.00
0 Class A Prim & Double Seal	@ \$2.00 SQ. YD.		0.00
0 Surface Treatment (Tar & Chipp)	@ \$8.50 SQ. YD. (4" Depth)		0.00
0 Gravel Shoulders	@ \$5.25 LF		0.00
0 Sidewalk Underdrains	@ \$20.00 SQ. YD. (6" Depth)		0.00
0 Cement Stabilization	@ \$15.00 SQ. YD. (6" Depth)		0.00
0 Lime Stabilization			

Page 8 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

<u>C. ENTRANCES</u>				<u>COST</u>
0	R-5 Private Entrance	@ \$1,500	ea =	0.00
0	R-6 Private Entrance	@ \$1,500	ea =	0.00
0	R-7 or equal (commercial Entrance)	@ \$3,000	ea =	0.00
	30' Width		=	
0	R-7 or equal (Commercial Entrance)	@ \$4,000	ea =	0.00
	40' Width		=	
0	R-8 or equal (Commercial Entrance)	@ \$2,500	ea =	0.00
	30' Width		=	
0	R-8 or equal (Commercial Entrance)	@ \$3,500	ea =	0.00
	40' Width		=	
0	CG-11	@ \$3,000	ea =	0.00
	Concrete Entrance		=	
0	Valley Gutter	@ \$40	lf =	0.00

<u>D. MISCELLANEOUS CONSTRUCTION ITEMS</u>				
	Sidewalk (4' and 5' Widths)	52 @ \$60	sy =	3,120.00
0	Header Curb CG-2	@ \$20	lf =	0.00
0	CG-12, Handicapped Ramp	1 @ \$3,000	ea =	3,000.00
0	CG-6	@ \$25	lf =	0.00

<u>E. UP TO 500 LIN. FT.</u>				
0	Street Name Sign	@ \$300	ea =	0.00
0	Traffic Control Sign	@ \$390	ea =	0.00
0	Roadside Delineators (ED-1/PTS-8)	@ \$64	ea =	0.00
0	Traffic Barricade	@ \$1,500	ea =	0.00
0	Street Lighting	@ cost est	ea =	0.00

Page 9 Sub-Total = 6,120.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

<u>QUANTITY</u>		<u>UP TO 1000</u>		<u>OVER 1000</u>		<u>COST</u>
		<u>LIN. FT.</u>		<u>LIN. FT.</u>		
0	Guardrail	@	\$39	If =	\$0	\$0.00
0	GR-7 End Section	@	\$2,500	ea =	\$0	\$0.00

3 SANTARY SEWER AND WATER LINE CONSTRUCTION (Min. Sewer Class SDR 35 & Min. Water Line D. I Class 52 & Plastic Line Class SDR 18)

		<u>UP TO 10</u>		<u>OVER 10</u>		<u>COST</u>
	Fire Hydrant Assembly	@	\$5,000	ea =	\$0	\$0
	Sanitary Sewer Manhole	@	\$8,000	ea =	\$0	\$0
	5/8 x 3/4 Water Meter Setup	@	\$1,200	ea =	\$0	\$0
	1" Water Meter Setup	@	\$1,500	ea =	\$0	\$0
	1 1/2"-2" Water Meter Setup	@	\$2,000	ea =	\$0	\$0
	Water Meter Setup, 2" Or Larger	@		ea =	\$0	\$0

WATER MAIN (Exclusive of Fire Hydrants)

UP TO 1000		OVER 1000		LIN. FT.	
0	6"0	@	\$50	If =	\$0
0	8"0	@	\$60	If =	\$0
0	12"0	@	\$96	If =	\$0
0	16"0	@	\$120	If =	\$0
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UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

TAP OF WATER MAINS

0	6"	@ \$890	ea	\$0.00
0	8"	@ \$1,275	ea	\$0.00
0	10"	@ \$2,030	ea	\$0.00
0	12"	@ \$2,850	ea	\$0.00
and Larger				

SEWER PIPE LINE (Exclusive of Manhole Structures)

		UP TO 1000		OVER 1000				
		LIN. FT.		LIN. FT.				
0	4"	②	\$40	If =	②	\$35	If =	\$0
0	6"	②	\$45	If =	②	\$40	If =	\$0
0	8"	②	\$65	If =	②	\$55	If =	\$0
0	10"	②	\$85	If =	②	\$80	If =	\$0
0	12"	②	\$115	If =	②	\$100	If =	\$0
0	15"	②	\$150	If =	②	\$140	If =	\$0
								\$0.00
								\$0.00
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								\$0.00

MISCELLANEOUS

0	Connection to Existing Sewer or Manhole	@ \$750	ea	\$0.00
0	Standard Drop Connection To Manhole	@ \$390	ea	\$0.00

Page 11 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

4 UNIT PRICE LIST OR SILTATION AND EROSION CONTROL - TOWN OF WARRENTON

QUANTITY	ITEM	UNIT COST	COST
0	Diversion Dike	@ \$3.00 lf	0.00
246	Silt Fence	@ \$5.00 lf	1,230.00
0	Super Silt Fence	@ \$12.00 lf	0.00
0	Sod	@ \$6.00 sq.yd.	0.00
370	Seeding Operation	@ \$2.00 sq.yd.	740.00
0	Coarse Aggregates (31 or #57)	@ \$75.00 Ton	0.00
0	Paved Flume	@ \$60.00 sy	0.00
5	Inlet Protection	@ \$60.00 ea	300.00
0	Temp. Const. Entrance	@ \$1,400 ea	0.00
0	Temp. Const. Entrance w/wash rack	@ \$2,000 ea	0.00
0	Temp. Sediment Trap	@ \$27.00 LF	0.00
0	Temporary Sediment Basin	@ \$500-\$3000	
0	Drainage area 3-25 acres	@ \$1,000-\$5,000	
	26-50 acres	@ \$5,000-\$10,000	
	50+ acres by itemized cost		
0	OTHER		
0	Check Dam	@ _____ ea	0.00
0	Jute Mesh	@ _____ sy	0.00
0		@ _____	0.00
0		@ _____	0.00
E & S Sub-Total =			2,270.00

Page 12 Sub-Total = 2,270.00

MINIMUM ACCEPTABLE AMOUNT FOR EROSION AND SEDIMENT CONTROL IS \$1,000.

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

5 UNIT PRICE LIST FOR LANDSCAPING - TOWN OF WARRENTON

QUANTITY	ITEM	SIZE	UNIT COST	COST
0	Seeding		@ \$2.00 sy	0.00
0	Sodding		@ \$6.00 sy	0.00
56	Planting Shrubs	12"	@ \$45 ea	2,520.00
0	Planting Shrubs	18"	@ \$50 ea	0.00
0	Planting Shrubs	24"	@ \$55 ea	0.00
0	Planting Shrubs	Larger	@ \$60 ea	0
0	Trees	4'-6'	@ \$150 ea	0.00
3	Trees	6'-8'	@ \$165 ea	495.00
0	Trees	8'-10'	@ \$250 ea	0.00
0	Trees	Larger	@ \$450 ea	0
2	Tree Protection	4'-6'	@ \$12 lf	24.00
0	Tree Wall, Stone (D= 10', H=3)	N/A'	@ \$5,236 ea	0.00
0	Other			
0				
0				
Page 13 Sub-Total =				3,039.00

4 MISCELLANEOUS - COSTS

Inflation Cost - Compounded Annually at 3.5% Per Year of the Total Construction Cost

TOTAL PERFORMANCE AMOUNT

1 For items identified with ** the quantity for the embankment material is the net difference of total fill material needed and cut material available at the project site, if excavated or cut material is suitable for embankment.

2 For some of the items on page 6 of this form, the unit prices are not provided. Please refer to the appropriate section of this form to determine the applicable unit prices for those items, if necessary.

3 The Unit cost for each of the items in this Unit Price List is the Installation cost which includes factors such as excavation, bedding, backfilling, form work, etc.

4 Inflation has been calculated based on Northern Virginia Consumer Price Index of the Washington, D.C., as provided by the Bureau of Labor and Statistics.

5 **Whomever Certifies the Site Development Plans must also certify this Total Performance Amount above and must bear the stamp and signature of the Professional Engineer, Land Surveyor and etc. on the Submit Performance Bond.**

TOTAL CONSTRUCTION COST =
(From Page 14)

== \$2,089.35

= \$487.52

= \$16,505.87



SEAL.

TOWN OF WARRENTON, VIRGINIA

APPROVED AS TO FORM:

Whitson Robinson
[PRINT NAME]
Town Attorney

[Signature]
[SIGNATURE]

ATTEST:

Elizabeth Gillie
[PRINT NAME]
Town Clerk
[Signature]
[PRINT NAME]
Town Manager

[Signature]
[SIGNATURE]
Brandi Schaeffer
[SIGNATURE]

COMMONWEALTH OF VIRGINIA

COUNTY OF Fauquier to wit:

I, Elizabeth Gillie, a Notary Public in and for the jurisdiction aforesaid, do certify that the foregoing instrument was acknowledged before me this 1 day of April 2020 by Brandi M. Schaeffer, in [his/her] capacity as Town Manager, for The Town of Warrenton.

Given under my hand and seal this 1 day of April, 2020.

ELIZABETH ANN GILLIE
NOTARY PUBLIC
REG. #7746912
COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES JUNE 30, 2021

[Signature]
NOTARY PUBLIC

My commission expires: June 30, 2021