

Division of Permitting and Development Review, Frederick County, MD

UNIT PRICE SCHEDULE FOR ESTABLISHING GUARANTEE AMOUNTS

EFFECTIVE DATE: JULY 01, 2010

UNIT PRICES MAY BE REVISED ANNUALLY				
	UNIT PRICE	UNIT MEASURE	NO. OF UNITS	TOTAL PRICE
I. SEDIMENT CONTROL DEVICES				
A. Earth Dikes and Swales				
1. A-1, B-1 (Seed and Cover with Straw Mulch)	\$5.00	LF		
2. A-2, B-2 (Seed and Cover with Matting or Sod Lined)	\$5.40	LF		
3. A-3, B-3 (4" - 7" Stone Lined)	\$5.50	LF		
B. Sediment Traps (** Basins Calculate as a SWM pond)				
1. Calculate Traps based on Design Volume	\$10.00	CY		
2. Rock Inlet Protection	\$17.00	LF		
C. Filtering Devices and Miscellaneous:				
1. Silt Fence	\$3.50	LF		
2. Super Silt Fence	\$15.00	LF		
3. Inlet Protection	\$131.00	EA		
4. Stone Outlet Structure	\$262.00	EA		
5. Stone Filter	\$250.00	EA		
6. Stone Check Dam	\$75.00	EA		
7. Filter Cloth	\$0.27	SF		
8. Dewatering Device (Horizontal)	\$500.00	EA		
9. Dewatering Device (Vertical)	\$300.00	EA		
10. Stabilized Construction Entrance	\$1,500.00	EA		
11. Dewatering Basin (WPD)	\$131.00	EA		
12. Baffle Boards (Plywood, Posts, Installation)	\$15.00	LF		
13. Faircloth Skimmer: Current posted web price plus shipping and 25% for installation. (http://www.fairclothskimmer.com/prices.html)				
D. Stabilization Practices				
1. Temp. Seed, Straw and Tack (stockpile areas)	\$0.03	SF		
2. Perm. Seed, Straw and Tack (Limits of Disturbance)	\$0.06	SF		
3. Sod, Inkamat TM or Similar	\$0.35	SF		
4. Matting (Jute, Curlex or Similar)	\$0.18	SF		
Maintenance of Sediment Control Devices: Add 20% to base sediment control cost estimate E. (before adding contingency). To be retained until all sediment control devices are removed and their related securities are released.				
**SWM ponds being used for sediment control must also include the 20% maintenance cost.				

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II. STORMWATER MANAGEMENT STRUCTURE MATERIALS				
A. Metal Anti-seep collars (ALCMP, Type II)				
1. 4' X 4'	\$385.00	EA		
2. 4'-6" X 4'-6"	\$429.00	EA		
3. 5' X 5'	\$438.00	EA		
4. 5'-6" X 5'-6"	\$481.00	EA		
5. 6' X 6'	\$525.00	EA		
6. 6'-6" X 6'-6"	\$551.00	EA		
7. 7' X 7'	\$568.00	EA		
8. 7'-6" X 7'-6"	\$592.00	EA		
9. 8' X 8'	\$623.00	EA		
B. Concrete Anti-seep Collars				
1. 4' X 4'	\$464.00	EA		
2. 4'-6" X 4'-6"	\$595.00	EA		
3. 5' X 5'	\$726.25	EA		
4. 5'-6" X 5'-6"	\$875.00	EA		
5. 6' X 6'	\$1,050.00	EA		
6. 6'-6" X 6'-6"	\$1,225.00	EA		
7. 7' X 7'	\$1,426.00	EA		
8. 7'-6" X 7'-6"	\$1,645.00	EA		
9. 8' X 8'	\$1,864.00	EA		
C. Trash Rack, Anti-vortex Device Combination				
1. 6"	\$438.00	EA		
2. 8"	\$469.00	EA		
3. 10"	\$481.00	EA		
4. 12"	\$525.00	EA		
5. 15"	\$604.00	EA		
6. 18"	\$700.00	EA		
7. 21"	\$788.00	EA		
8. 24"	\$919.00	EA		
9. 27"	\$1,006.00	EA		
10. 30"	\$1,050.00	EA		
11. 36"	\$1,094.00	EA		
12. 42"	\$1,181.00	EA		
13. 48"	\$1,260.00	EA		
14. 54"	\$1,313.00	EA		
15. 60"	\$1,400.00	EA		
16. 66"	\$1,575.00	EA		
17. 72"	\$1,794.00	EA		
18. 78"	\$2,013.00	EA		
19. 84"	\$2,258.00	EA		
20. 90"	\$2,625.00	EA		

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D. Watertight Bands					
1.	6"	\$11.00	EA		
2.	8"	\$13.00	EA		
3.	10"	\$16.00	EA		
4.	12"	\$21.00	EA		
5.	15"	\$29.00	EA		
6.	18"	\$34.00	EA		
7.	21"	\$38.00	EA		
8.	24"	\$40.00	EA		
9.	27"	\$46.00	EA		
10.	30"	\$55.00	EA		
11.	36"	\$67.00	EA		
12.	42"	\$92.00	EA		
13.	48"	\$113.00	EA		
14.	54"	\$153.00	EA		
15.	60"	\$197.00	EA		
16.	66"	\$208.00	EA		
17.	72"	\$219.00	EA		
18.	78"	\$254.00	EA		
E. Fabrication; Barrel and Riser Assembly (diameter)		\$9.00	IN		
F. Reinforced Concrete; Cast in Place Structures, etc.		\$788.00	CY		
G. Un-Reinforced Concrete; Anti-floatation, Cradle, etc.		\$438.00	CY		
H. Bio-retention Herbaceous Plant Species		\$0.07	SF		
I. Bio-retention Shrubs					
1.	Arrow-Wood (18" - 24")	\$44.00	EA		
2.	Chokeberry (18" - 24")	\$26.00	EA		
3.	Juniper (18" - 30")	\$35.00	EA		
4.	Nannyberry (18" - 24")	\$44.00	EA		
5.	Red Dogwood (1" Caliper)	\$88.00	EA		
6.	Spicebush (18" - 24")	\$53.00	EA		
7.	Spindle-tree (18" - 24")	\$35.00	EA		
8.	Sweetspire (18" - 24")	\$26.00	EA		
9.	Winterberry (18" - 24")	\$44.00	EA		
10.	Witch Hazel (18" - 24")	\$35.00	EA		
J. Bio-retention Trees (2" Caliper)					
1.	Birch	\$131.00	EA		
2.	Red Cedar	\$131.00	EA		
3.	Red Mepal	\$175.00	EA		
4.	Red Oak	\$175.00	EA		
5.	Swamp White Oak	\$263.00	EA		
6.	Sweet Gum	\$131.00	EA		
7.	Sycamore	\$175.00	EA		
8.	White oak	\$219.00	EA		

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K. Miscellaneous					
1.	Proprietary devices shall be priced based on engineers estimate of Material and Labor for installed device.	LUMP SUM EACH			
2.	Sand or Stone Dust Filled Bags	\$7.00	EA		
3.	SWM As-Built Survey and Certification (per device)	\$4,375.00	EA		
4.	Synthetic Liner	\$2.00	SF		
5.	Bio-Filter Plant Media	\$75.00	CY		
III. STORMWATER MANAGEMENT EARTHWORK					
A.	Excavation: Core Trench and Impoundment Areas	\$5.00	CY		
B.	Controlled Fill: Onsite Material (Geotech Cert)	\$5.25	CY		
C.	Controlled Fill: Offsite Material (Geotech Cert)	\$30.00	CY		
IV. MISC. STREET, ROAD, STORM DARIN AND STORMWATER MANAGEMENT					
A. Aggregates:					
1.	Graded Aggregate Subbase (4" of CR-6)	\$4.40	SY		
2.	Graded Aggregate Subbase (6" of CR-6)	\$6.50	SY		
3.	Select Backfill using MSHA # 57 Stone	\$31.70	CY		
4.	MSHA # 2 Stones	\$34.30	CY		
5.	Rip-Rap - Class I	\$48.40	CY		
6.	Rip-Rap - Class II	\$62.00	CY		
7.	Rip-Rap - Class III	\$89.30	CY		
8.	Gabion Basket Structures	\$209.20	CY		
9.	Sand	\$73.50	CY		
B. ALCMP, Type II:					
1.	17" X 13"	\$36.30	LF		
2.	21" X 15"	\$47.50	LF		
3.	24" X 18"	\$36.80	LF		
4.	28" X 20"	\$64.40	LF		
5.	35" X 24"	\$79.40	LF		
6.	42" X 29"	\$115.60	LF		
7.	49" X 33"	\$136.30	LF		
8.	57" X 38"	\$156.30	LF		
9.	64" X 42"	\$94.50	LF		
10.	71" X 46"	\$111.60	LF		
C. ALCMP, Type II End Sections:					
1.	17" X 13"	\$157.50	EA		
2.	21" X 15"	\$183.80	EA		
3.	24" X 18"	\$210.00	EA		
4.	28" X 20"	\$229.70	EA		
5.	35" X 24"	\$301.90	EA		
6.	42" X 29"	\$459.40	EA		

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D. ALCMP Type II & HDPE:				
1. 12" Dia.	\$17.50	LF		
2. 15" Dia.	\$22.50	LF		
3. 18" Dia.	\$25.00	LF		
4. 21" Dia.	\$31.50	LF		
5. 24" Dia.	\$35.00	LF		
6. 30" Dia.	\$40.00	LF		
7. 36" Dia.	\$50.00	LF		
8. 42" Dia.	\$57.50	LF		
9. 48" Dia.	\$69.40	LF		
10. 54" Dia.	\$106.90	LF		
11. 60" Dia.	\$110.00	LF		
12. 66" Dia.	\$112.90	LF		
13. 72" Dia.	\$131.30	LF		
14. 78" Dia.	\$150.90	LF		
15. 84" Dia.	\$170.60	LF		
E. ALCMP, Type II & HDPE End Sections:				
1. 12" Dia.	\$156.20	EA		
2. 15" Dia.	\$183.80	EA		
3. 18" Dia.	\$275.60	EA		
4. 21" Dia.	\$367.50	EA		
5. 24" Dia.	\$458.50	EA		
6. 30" Dia.	\$505.30	EA		
F. RCP (Class IV):				
1. 15" Dia.	\$34.80	LF		
2. 18" Dia.	\$37.40	LF		
3. 21" Dia.	\$45.30	LF		
4. 24" Dia.	\$52.70	LF		
5. 30" Dia.	\$60.10	LF		
6. 36" Dia.	\$70.90	LF		
7. 42" Dia.	\$91.90	LF		
8. 48" Dia.	\$105.10	LF		
9. 54" Dia.	\$111.60	LF		
10. 60" Dia.	\$131.10	LF		
11. 66" Dia.	\$175.40	LF		
12. 72" Dia.	\$176.30	LF		
13. 78" Dia.	\$194.80	LF		
14. 84" Dia.	\$229.80	LF		

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G. RCP (Class V):				
1. 15" Dia.	\$37.60	LF		
2. 18" Dia.	\$43.90	LF		
3. 21" Dia.	\$49.60	LF		
4. 24" Dia.	\$58.10	LF		
5. 30" Dia.	\$73.80	LF		
6. 36" Dia.	\$83.50	LF		
7. 42" Dia.	\$98.00	LF		
8. 48" Dia.	\$108.30	LF		
9. 54" Dia.	\$131.70	LF		
10. 60" Dia.	\$158.00	LF		
11. 66" Dia.	\$207.40	LF		
12. 72" Dia.	\$222.70	LF		
13. 78" Dia.	\$249.00	LF		
14. 84" Dia.	\$291.00	LF		
H. RCP Concrete End Sections:				
1. 12" Dia.	\$367.50	EA		
2. 15" Dia.	\$459.40	EA		
3. 18" Dia.	\$505.30	EA		
4. 21" Dia.	\$569.60	EA		
5. 24" Dia.	\$652.30	EA		
6. 27" Dia.	\$780.90	EA		
7. 30" Dia.	\$882.00	EA		
I. Schedule 40 PVC (Solid, Perforated, or Slotted):				
1. 4" Dia.	\$7.40	LF		
2. 6" Dia.	\$12.00	LF		
3. 8" Dia.	\$18.40	LF		
4. 10" Dia.	\$22.10	LF		
5. 12" Dia.	\$28.40	LF		
6. 15" Dia.	\$32.80	LF		
7. 18" Dia.	\$32.90	LF		
8. 24" Dia.	\$41.00	LF		

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J. Maryland State Highway Administration (MSHA) Inlets:					
1.	Standard WR (374.04)	\$3,225.00	EA		
2.	Single WR (374.06)	\$2,240.00	EA		
3.	Triple WR (374.08)	\$5,210.00	EA		
4.	Standard COG (374.51) 5'	\$2,865.00	EA		
5.	Standard COG (374.51) 10'	\$3,805.00	EA		
6.	Standard COG (374.51) 15'	\$4,930.00	EA		
7.	Standard COG (374.51) 20'	\$5,950.00	EA		
8.	Standard COG (374.61) 5'	\$2,660.00	EA		
9.	Standard COG (374.61) 10'	\$3,725.00	EA		
10.	Standard COG (374.61) 15'	\$4,525.00	EA		
11.	Standard S Double Grate (374.71)	\$3,560.00	EA		
12.	Standard S Single Grate (374.73)	\$2,670.00	EA		
13.	Standard E Combine (374.74)	\$3,455.00	EA		
14.	Standard H Combine (374.75)	\$4,675.00	EA		
15.	Standard D (375.11)	\$2,800.00	EA		
16.	Standard F (375.21)	\$3,500.00	EA		
17.	Standard E (376.11)	\$2,100.00	EA		
18.	Standard J (377.01) (<18")	\$2,625.00	EA		
19.	Standard J (377.01) (>24")	\$2,900.00	EA		
20.	Standard K (378.05)	\$2,625.00	EA		
21.	Standard Yard Inlet (381.01)	\$1,890.00	EA		
22.	Standard Yard Inlet (381.01) Modified	\$2,350.00	EA		
K. MSHA Manholes:					
1.	48" Square Std Shallow Manhole (383.00)	\$2,120.00	EA		
2.	Std Manhole (383.01)	\$2,730.00	EA		
3.	Std Drop Manhole (383.11)	\$3,430.00	EA		
4.	Std 4ft. Circular Manhole (383.21) Up to 8' Depth	\$2,750.00	EA		
5.	Std 4ft Circular Manhole (383.21) 8'-36' Max. Depth (* Cost per 1 additional Vertical Foot (VF))	\$2,765.00	EA plus*		
		\$157.50	VF		
6.	48" Dia. Precast Manhole (384.01) For 12"-24" Pipes	\$2,790.00	EA		
7.	60" Dia. Precast Manhole (384.03) For 27"-36 Pipes	\$4,300.00	EA		
8.	72" Dia. Precast Manhole (384.05) For 42"-48" Pipes	\$5,270.00	EA		
9.	84" Dia. Precast Manhole (384.07) For 54"-60" Pipes (* Cost per 1 additional Vertical Foot (VF))	\$6,770.00	EA plus*		
		\$735.00	VF		
10.	96" Dia. Precast Manhole (384.09) For 72" Pipes (* Cost per 1 additional Vertical Foot (VF))	\$7,540.00	EA plus*		
		\$1,050.00	VF		
11.	120" Dia. Precast Manhole (384.11) For 78"-84" Pipes (* Cost per 1 additional Vertical Foot (VF))	\$9,550.00	EA plus*		
		\$1,260.00	VF		
L. Paving					
1.	Base Course (4") 19mm or 25mm	\$9.80	SY		
2.	Surface Course (2") 9.5mm or 12.5mm	\$5.45	SY		

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M. Concrete Curb and Gutter:					
1.	MSHA Type "A"	\$18.00	LF		
2.	Rolled Curb and Gutter	\$12.80	LF		
3.	MSHA Concrete Median	\$32.50	SY		
4.	Reinforced Concrete for Misc. Structures	\$540.00	CY		
N. Sidewalk:					
1.	Standard 4" Thick Concrete Sidewalk	\$4.95	SF		
2.	Asphalt Sidewalk (3" Thick Surface Mix)	\$2.50	SF		
O. MSHA Guardrail:					
1.	W-Beam Guardrail	\$19.00	LF		
2.	6' Guardrail Post	\$39.00	LF		
3.	Long Guardrail Post	\$54.00	EA		
<i>MSHA Traffic Barrier</i>					
4.	605.01-01 Type A End Treatment (Single Rail)	\$1,447.00	EA		
5.	605.01-01 Type A End Treatment (Double Rail)	\$1,780.00	EA		
6.	605.02 Type B End Treatment	\$3,525.00	EA		
7.	605.03 Type C End Treatment	\$4,222.00	EA		
8.	605.08 Type G End Treatment	\$1,447.00	EA		
9.	605.09 Type H End Treatment	\$3,820.00	EA		
10.	605.10 Type I Option 1 Anchorage	\$2,716.00	EA		
P. Signage and Marking:					
1.	Double Yellow Centerline (4")	\$0.55	LF		
2.	White Edgeline (4")	\$0.40	LF		
3.	Stop Ahead Marking	\$315.00	EA		
4.	RR Pavement Marking	\$420.00	EA		
5.	Pavement Marking Arrow	\$210.00	EA		
6.	Street Signs	\$188.25	EA		
Q. Miscellaneous:					
1.	Commercial Paved Entrance Apron	\$7,350.00	EA		
2.	Residential Paved Entrance Apron	\$3,675.00	EA		
3.	Chain link Fencing (4' Height)	\$11.40	LF		
4.	Cut to Fill in R-O-W (w/ Geotech Certification)	\$3.50	CY		
5.	R-O-W Cut To Onsite Waste	\$3.50	CY		
6.	Onsite Cut to R-O-W Fill (w/ Geotech Cert)	\$3.50	CY		
7.	Fill w/ Compaction (Import) (w/ Geotech Cert)	\$12.00	CY		
8.	Maintenance of Traffic (Engineer Estimate)			LUMP SUM	
9.	Permanent Seed, Straw & Tacking Stabilization	\$0.10	LF		
10.	Milling Existing Pavement (2" Depth)	\$6.40	SY		
11.	Relocate Ex. Utility Poles, Standard Pole	\$8,750.00	EA		
12.	Relocate Ex. Utility Poles, Subtransmission Line	\$12,000.00	EA		
13.	6" Perforated Underdrain	\$12.00	EA		
14.	Geotech Services	\$475.00	Per Day		
Sub Total:					
15% Contingency:					
GRAND TOTAL:					

Please use a separate form for each discipline i.e. Sediment Control, Stormwater Management, Streets Roads and Stormdrain.