

2024 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 10/2023

PROJECT INFORMATION		
Project Name Watebury Filing 1	Date 10/2/2024	PCD File No. PUDSP 21-005 & SF237

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)								
Earthwork								
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -	
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$ -		\$ -	
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$ -		\$ -	
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$ -		\$ -	
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -	
greater than 200,000; \$500,000 min	361,139	CY	\$ 2.00	=	\$ 722,278.00		\$ 722,278.00	
Permanent Erosion Control Blanket		SY	\$ 9.00	=	\$ -		\$ -	
Permanent Seeding (inc. noxious weed mgmt.) & Mulching	72	AC	\$ 2,018.00	=	\$ 145,639.06		\$ 145,639.06	
Permanent Pond/BMP (provide engineer's estimate)	3	EA	\$ 71,750.00	=	\$ 215,250.00		\$ 215,250.00	
Concrete Washout Basin	1	EA	\$ 1,172.00	=	\$ 1,172.00		\$ 1,172.00	
Inlet Protection	24	EA	\$ 217.00	=	\$ 5,208.00		\$ 5,208.00	
Rock Check Dam		EA	\$ 651.00	=	\$ -		\$ -	
Safety Fence	4,575	LF	\$ 3.00	=	\$ 13,725.00		\$ 13,725.00	
Sediment Basin	5	EA	\$ 2,294.00	=	\$ 11,470.00		\$ 11,470.00	
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -	
Silt Fence	5,827	LF	\$ 3.00	=	\$ 17,481.00		\$ 17,481.00	
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -	
Straw Bale	60	EA	\$ 33.00	=	\$ 1,980.00		\$ 1,980.00	
Sediment Control Log	4,646	LF	\$ 8.00	=	\$ 37,168.00		\$ 37,168.00	
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$ -		\$ -	
Vehicle Tracking Control	2	EA	\$ 3,085.00	=	\$ 6,170.00		\$ 6,170.00	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
MAINTENANCE (35% of Construction BMPs)					=	\$ 32,620.70		\$ 32,620.70
Section 1 Subtotal					=	\$ 1,210,161.76		\$ 1,210,161.76

* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

SECTION 2 - PUBLIC IMPROVEMENTS *							
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ROADWAY IMPROVEMENTS							
Construction Traffic Control	1.0	LS	\$ 15,000.00	=	\$ 15,000.00		\$ 15,000.00
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	5,298.0	CY	\$ 66.00	=	\$ 349,668.00		\$ 349,668.00
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	31,788.0	SY	\$ 25.00	=	\$ 794,700.00		\$ 794,700.00
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	=	\$ -		\$ -
Raised Median, Paved	1,307.0	SF	\$ 11.00	=	\$ 14,377.00		\$ 14,377.00
Regulatory Sign/Advisory Sign	42.0	EA	\$ 392.00	=	\$ 16,464.00		\$ 16,464.00
Guide/Street Name Sign	15.0	EA	\$ 325.00	=	\$ 4,875.00		\$ 4,875.00
Epoxy Pavement Marking	3,107.0	SF	\$ 17.00	=	\$ 52,819.00		\$ 52,819.00
Thermoplastic Pavement Marking	73.0	SF	\$ 30.00	=	\$ 2,190.00		\$ 2,190.00
Barricade - Type 3		EA	\$ 259.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	6,729.0	LF	\$ 38.00	=	\$ 255,702.00		\$ 255,702.00
Curb and Gutter, Type B (Median)	1,910.0	LF	\$ 38.00	=	\$ 72,580.00		\$ 72,580.00
Curb and Gutter, Type C (Ramp)	12,344.0	LF	\$ 38.00	=	\$ 469,072.00		\$ 469,072.00
4" Sidewalk (common areas only)	8,851.0	SY	\$ 62.00	=	\$ 548,762.00		\$ 548,762.00
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 94.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp	44.0	EA	\$ 1,496.00	=	\$ 65,824.00		\$ 65,824.00
Cross Pan, local (8" thick, 6' wide to include return)	1,246.0	LF	\$ 79.00	=	\$ 98,434.00		\$ 98,434.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

PROJECT INFORMATION

Project Name **Watebury Filing 1**

Date **10/2/2024**

PCD File No. **PUDSP 21-005 & SF237**

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
15" Reinforced Concrete Pipe	66	LF	\$ 74.00	=	\$ 4,911.38		\$ 4,911.38
18" Reinforced Concrete Pipe	1491	LF	\$ 82.00	=	\$ 122,240.68		\$ 122,240.68
24" Reinforced Concrete Pipe	795	LF	\$ 98.00	=	\$ 77,943.32		\$ 77,943.32
30" Reinforced Concrete Pipe	1664	LF	\$ 123.00	=	\$ 204,696.60		\$ 204,696.60
36" Reinforced Concrete Pipe	2619	LF	\$ 151.00	=	\$ 395,417.66		\$ 395,417.66
42" Reinforced Concrete Pipe	1057	LF	\$ 201.00	=	\$ 212,436.90		\$ 212,436.90
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 30" <i>(unit cost = 6x pipe unit cost)</i>	1	EA	\$ 738.00	=	\$ 738.00		\$ 738.00
Flared End Section (FES) RCP Size = 36" <i>(unit cost = 6x pipe unit cost)</i>	1	EA	\$ 906.00	=	\$ 906.00		\$ 906.00
Flared End Section (FES) RCP Size = 42" <i>(unit cost = 6x pipe unit cost)</i>	2	EA	\$ 1,206.00	=	\$ 2,412.00		\$ 2,412.00
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
End Treatment- Headwall	4	EA	\$ 1,500.00	=	\$ 6,000.00		\$ 6,000.00
End Treatment- Wingwall	4	EA	\$ 1,500.00	=	\$ 6,000.00		\$ 6,000.00
End Treatment - Cutoff Wall	3	EA	\$ 20,000.00	=	\$ 60,000.00		\$ 60,000.00
Curb Inlet (Type R) L=5', Depth < 5'	14	EA	\$ 7,212.00	=	\$ 100,968.00		\$ 100,968.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	4	EA	\$ 9,377.00	=	\$ 37,508.00		\$ 37,508.00
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'	3	EA	\$ 9,925.00	=	\$ 29,775.00		\$ 29,775.00
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'	2	EA	\$ 10,230.00	=	\$ 20,460.00		\$ 20,460.00
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'	2	EA	\$ 12,907.00	=	\$ 25,814.00		\$ 25,814.00
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 13,755.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base	28	EA	\$ 15,130.00	=	\$ 423,640.00		\$ 423,640.00
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$ -		\$ -
Geotextile (Erosion Control)	232	SY	\$ 9.00	=	\$ 2,088.00		\$ 2,088.00
Rip Rap, d50 size from 6" to 24"	19	Tons	\$ 104.00	=	\$ 1,942.20		\$ 1,942.20
Rip Rap, Grouted		Tons	\$ 124.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)	1000	LF	\$ 100.00	=	\$ 100,000.00		\$ 100,000.00
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap	3024	CY	\$ 145.00	=	\$ 438,480.00		\$ 438,480.00
Drainage Channel Lining, Wetland Vegetation	11	AC	\$ 1,911.00	=	\$ 20,352.15		\$ 20,352.15
Drainage Channel Drop Structure	1	EA	\$ 50,000.00	=	\$ 50,000.00		\$ 50,000.00
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
Injector Well	1	EA	\$ 30,000.00	=	\$ 30,000.00		\$ 30,000.00

