

2023 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 12/8/2022

PROJECT INFORMATION			
CLEARWAY, LOT 5	11/17/2023	PPR-22-034	
Project Name	Date	PCD File No.	

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	6,530	CY	\$ 5.00	=	\$ 32,650.00		\$ 32,650.00
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		CY	\$ 2.00	=	\$ -		\$ -
Permanent Erosion Control Blanket	600	SY	\$ 8.00	=	\$ 4,800.00		\$ 4,800.00
Permanent Seeding (inc. noxious weed mgmt.) & Mulching	0.75	AC	\$ 1,875.00	=	\$ 1,406.25		\$ 1,406.25
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 18,000.00	=	\$ 18,000.00		\$ 18,000.00
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$ 1,089.00
Inlet Protection	12	EA	\$ 202.00	=	\$ 2,424.00		\$ 2,424.00
Rock Check Dam	3	EA	\$ 605.00	=	\$ 1,815.00		\$ 1,815.00
Safety Fence	1,775	LF	\$ 3.00	=	\$ 5,325.00		\$ 5,325.00
Sediment Basin	3	EA	\$ 2,132.00	=	\$ 6,396.00		\$ 6,396.00
Sediment Trap		EA	\$ 500.00	=	\$ -		\$ -
Silt Fence	1,035	LF	\$ 3.00	=	\$ 3,105.00		\$ 3,105.00
Slope Drain		LF	\$ 40.00	=	\$ -		\$ -
Straw Bale		EA	\$ 31.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF	\$ 7.00	=	\$ -		\$ -
Surface Roughening		AC	\$ 250.00	=	\$ -		\$ -
Temporary Erosion Control Blanket	3626	SY	\$ 3.00	=	\$ 10,878.00		\$ 10,878.00
Temporary Seeding and Mulching		AC	\$ 1,666.00	=	\$ -		\$ -
Vehicle Tracking Control	1	EA	\$ 2,867.00	=	\$ 2,867.00		\$ 2,867.00
(insert items not listed but part of construction plans)				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					\$ 11,483.50		\$ 11,483.50
Section 1 Subtotal					\$ 102,238.75		\$ 102,238.75
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 61.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 17.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 23.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 106.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 10.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 364.00	=	\$ -		\$ -
Guide/Street Name Sign		EA		=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 16.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 28.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 241.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 29.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 35.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 35.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 58.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 72.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 87.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 116.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,390.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 73.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 111.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,790.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 60.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 87.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,538.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,556.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 95.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 97.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 20.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

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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		=	\$	-	\$ -
18" Reinforced Concrete Pipe		LF	\$ 76.00	=	\$	-	\$ -
24" Reinforced Concrete Pipe		LF	\$ 91.00	=	\$	-	\$ -
30" Reinforced Concrete Pipe		LF	\$ 114.00	=	\$	-	\$ -
36" Reinforced Concrete Pipe		LF	\$ 140.00	=	\$	-	\$ -
42" Reinforced Concrete Pipe		LF	\$ 187.00	=	\$	-	\$ -
48" Reinforced Concrete Pipe		LF	\$ 228.00	=	\$	-	\$ -
54" Reinforced Concrete Pipe		LF	\$ 297.00	=	\$	-	\$ -
60" Reinforced Concrete Pipe		LF	\$ 348.00	=	\$	-	\$ -
66" Reinforced Concrete Pipe		LF	\$ 402.00	=	\$	-	\$ -
72" Reinforced Concrete Pipe		LF	\$ 460.00	=	\$	-	\$ -
18" Corrugated Steel Pipe		LF	\$ 98.00	=	\$	-	\$ -
24" Corrugated Steel Pipe		LF	\$ 112.00	=	\$	-	\$ -
30" Corrugated Steel Pipe		LF	\$ 143.00	=	\$	-	\$ -
36" Corrugated Steel Pipe		LF	\$ 171.00	=	\$	-	\$ -
42" Corrugated Steel Pipe		LF	\$ 197.00	=	\$	-	\$ -
48" Corrugated Steel Pipe		LF	\$ 207.00	=	\$	-	\$ -
54" Corrugated Steel Pipe		LF	\$ 304.00	=	\$	-	\$ -
60" Corrugated Steel Pipe		LF	\$ 328.00	=	\$	-	\$ -
66" Corrugated Steel Pipe		LF	\$ 397.00	=	\$	-	\$ -
72" Corrugated Steel Pipe		LF	\$ 467.00	=	\$	-	\$ -
78" Corrugated Steel Pipe		LF	\$ 537.00	=	\$	-	\$ -
84" Corrugated Steel Pipe		LF	\$ 642.00	=	\$	-	\$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA		=	\$	-	\$ -
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		=	\$	-	\$ -
End Treatment- Headwall		EA		=	\$	-	\$ -
End Treatment- Wingwall		EA		=	\$	-	\$ -
End Treatment - Cutoff Wall		EA		=	\$	-	\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,703.00	=	\$	-	\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 8,715.00	=	\$	-	\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 10,092.00	=	\$	-	\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 9,224.00	=	\$	-	\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 9,507.00	=	\$	-	\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 11,901.00	=	\$	-	\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 11,995.00	=	\$	-	\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 12,858.00	=	\$	-	\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 14,061.00	=	\$	-	\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 12,783.00	=	\$	-	\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 14,109.00	=	\$	-	\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,611.00	=	\$	-	\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,931.00	=	\$	-	\$ -
Storm Sewer Manhole, Box Base		EA	\$ 14,061.00	=	\$	-	\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 7,734.00	=	\$	-	\$ -
Geotextile (Erosion Control)		SY	\$ 8.00	=	\$	-	\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 97.00	=	\$	-	\$ -
Rip Rap, Grouted		Tons	\$ 115.00	=	\$	-	\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$	-	\$ -
Drainage Channel Lining, Concrete		CY	\$ 689.00	=	\$	-	\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 135.00	=	\$	-	\$ -
Drainage Channel Lining, Grass		AC	\$ 1,776.00	=	\$	-	\$ -
Drainage Channel Lining, Other Stabilization				=	\$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$	-	\$ -
Section 2 Subtotal				=	\$	-	\$ -

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

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Project Name		Date		PCD File No.			
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**							
ROADWAY IMPROVEMENTS							
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
Mod. Triple Type 16 Inlet	5	EA	\$ 15,200.00	=	\$ 76,000.00		\$ 76,000.00
CDOT Type D Inlet	1	EA	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
15" HP Pipe	25	LF	\$ 55.00	=	\$ 1,375.00		\$ 1,375.00
18" HP Pipe	25	LF	\$ 68.00	=	\$ 1,700.00		\$ 1,700.00
24" HP Pipe	62	LF	\$ 81.00	=	\$ 5,022.00		\$ 5,022.00
30" HP Pipe	130	LF	\$ 115.00	=	\$ 14,950.00		\$ 14,950.00
36" HP Pipe	357	LF	\$ 120.00	=	\$ 42,840.00		\$ 42,840.00
6' Dia Manhole	2	EA	\$ 5,500.00	=	\$ 11,000.00		\$ 11,000.00
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	=	\$ -		\$ -
Gate Valves, 8"		EA	\$ 2,247.00	=	\$ -		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,978.00	=	\$ -		\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,601.00	=	\$ -		\$ -
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,305.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,696.00	=	\$ -		\$ -
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
** - Section 3 is not subject to defect warranty requirements							
Section 3 Subtotal				=	\$ 157,887.00		\$ 157,887.00
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 3,000.00	=	\$ 3,000.00		\$ 3,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,000.00	=	\$ 2,000.00		\$ 2,000.00

