

2019 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 7/16/2019

PROJECT INFORMATION						
Monument Steel Structures		9/26/2019		PPR-1919		
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	5,612	CY	\$ 5.00	=	\$ 30,000.00	\$ 30,000.00
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 Seeding (inc. noxious weed mgmnt.)	1	AC	\$ 800.00	=	\$ 480.00	\$ 480.00
* Mulching	1	AC	\$ 750.00	=	\$ 450.00	\$ 450.00
* Permanent Erosion Control Blanket		SY	\$ 6.00	=	\$ -	\$ -
* Permanent Pond/BMP Construction	850	CY	\$ 20.00	=	\$ 17,000.00	\$ 17,000.00
* Permanent Pond/BMP (Spillway)	1	EA	\$ 3,500.00	=	\$ 3,500.00	\$ 3,500.00
* Permanent Pond/BMP (Outlet Structure)	1	EA	\$ 7,500.00	=	\$ 7,500.00	\$ 7,500.00
Safety Fence		LF	\$ 3.00	=	\$ -	\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -	\$ -
Vehicle Tracking Control	1	EA	\$ 2,370.00	=	\$ 2,370.00	\$ 2,370.00
Silt Fence	675	LF	\$ 2.50	=	\$ 1,687.50	\$ 1,687.50
Temporary Seeding		AC	\$ 628.00	=	\$ -	\$ -
Temporary Mulch		AC	\$ 750.00	=	\$ -	\$ -
Erosion Bales		EA	\$ 25.00	=	\$ -	\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$ -	\$ -
Rock Check Dams		EA	\$ 500.00	=	\$ -	\$ -
Inlet Protection	21	EA	\$ 167.00	=	\$ 3,507.00	\$ 3,507.00
Sediment Basin	1	EA	\$ 1,762.00	=	\$ 1,762.00	\$ 1,762.00
Concrete Washout Basin	1	EA	\$ 900.00	=	\$ 900.00	\$ 900.00
					\$ -	\$ -
Forebays	2	EA	\$ 3,500.00	=	\$ 7,000.00	\$ 7,000.00
4" Trickle Channel	142	LF	\$ 24.00	=	\$ 3,408.00	\$ 3,408.00
Retaining Wall	2,733	SF	\$ 25.00	=	\$ 68,325.00	\$ 68,325.00
[insert items not listed but part of construction plans]						
					\$ -	\$ -
MAINTENANCE (35% of Construction BMPs)					\$ 31,135.83	\$ 31,135.83
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Section 1 Subtotal				=	\$ 179,025.33	\$ 179,025.33
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		=	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 28.00	=	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 50.00	=	\$ -	\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.00	=	\$ -	\$ -
Asphalt Pavement (4" thick)		SY	\$ 19.00	=	\$ -	\$ -
Asphalt Pavement (6" thick)		SY	\$ 29.00	=	\$ -	\$ -
Asphalt Pavement (147 lbs/cf) 4" thick		Tons	\$ 88.00	=	\$ -	\$ -
Raised Median, Paved		SF	\$ 8.00	=	\$ -	\$ -
Regulatory Sign/Advisory Sign		EA	\$ 300.00	=	\$ -	\$ -
Guide/Street Name Sign		EA		=	\$ -	\$ -
Epoxy Pavement Marking		SF	\$ 13.00	=	\$ -	\$ -
Thermoplastic Pavement Marking		SF	\$ 23.00	=	\$ -	\$ -
Barricade - Type 3		EA	\$ 200.00	=	\$ -	\$ -
Delineator - Type I		EA	\$ 24.00	=	\$ -	\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 30.00	=	\$ -	\$ -
Curb and Gutter, Type B (Median)		LF	\$ 30.00	=	\$ -	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 30.00	=	\$ -	\$ -
4" Sidewalk (common areas only)		SY	\$ 48.00	=	\$ -	\$ -
5" Sidewalk		SY	\$ 60.00	=	\$ -	\$ -
6" Sidewalk		SY	\$ 72.00	=	\$ -	\$ -
8" Sidewalk		SY	\$ 96.00	=	\$ -	\$ -
Pedestrian Ramp		EA	\$ 1,150.00	=	\$ -	\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 61.00	=	\$ -	\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 92.00	=	\$ -	\$ -
Curb Chase		EA	\$ 1,480.00	=	\$ -	\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 49.00	=	\$ -	\$ -
Guardrail Type 7 (Concrete)		LF	\$ 72.00	=	\$ -	\$ -
Guardrail End Anchorage		EA	\$ 2,098.00	=	\$ -	\$ -
Guardrail Impact Attenuator		EA	\$ 3,767.00	=	\$ -	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 78.00	=	\$ -	\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 80.00	=	\$ -	\$ -
Electrical Conduit, Size =		LF	\$ 16.00	=	\$ -	\$ -
Traffic Signal, complete intersection		EA	\$ 425,000	=	\$ -	\$ -
[insert items not listed but part of construction plans]						
					\$ -	\$ -

PROJECT INFORMATION							
Monument Steel Structures		9/26/2019		PPR-1919			
Project Name		Date		PCD File No.			
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 65.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 78.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 97.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 120.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 160.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 195.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 332.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 380.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 84.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$ -		\$ -
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	\$ 5,542.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 9,918.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 10,633.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,570.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,640.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 11,627.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,395.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 80.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 95.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 112.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,469.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal				=	\$ -		\$ -

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

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**					% Complete	Remaining
ROADWAY IMPROVEMENTS						
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
18" Reinforced Concrete Pipe	110	LF	\$ 65.00	=	\$ 7,150.00	\$ 7,150.00
24" Reinforced Concrete Pipe	10	LF	\$ 78.00	=	\$ 780.00	\$ 780.00
18" Flared End Section	1	EA	\$ 1,100.00	=	\$ 1,100.00	\$ 1,100.00
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 64.00	=	\$ -	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 75.00	=	\$ -	\$ -
Gate Valves, 8"	4	EA	\$ 1,858.00	=	\$ 7,432.00	\$ 7,432.00
Fire Hydrant Assembly, w/ all valves	3	EA	\$ 6,597.00	=	\$ 19,791.00	\$ 19,791.00
Water Service Line Installation, inc. tap and valves	1	EA	\$ 1,324.00	=	\$ 1,324.00	\$ 1,324.00
Fire Cistern Installation, complete		EA		=	\$ -	\$ -
				=	\$ -	\$ -
[insert items not listed but part of construction plans]				=	\$ -	\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"		LF	\$ 64.00	=	\$ -	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,386.00	=	\$ -	\$ -
Sanitary Service Line Installation, complete	1	EA	\$ 1,402.00	=	\$ 1,402.00	\$ 1,402.00
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		=	\$ -	\$ -
		EA		=	\$ -	\$ -
Section 3 Subtotal				=	\$ 38,979.00	\$ 38,979.00
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)						
	LS		\$ 1,500.00	=	\$ 1,500.00	\$ 1,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)						
	LS		\$ 1,200.00	=	\$ 1,200.00	\$ 1,200.00
Total Construction Financial Assurance						\$ 220,704.33
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 220,704.33
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 27,532.60
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						