

NOTE: FILING NO. 1 (SF1825) INCLUDED FAE FOR ALL 98 LOTS; INCLUDING STORM DRAINAGE AND UTILITIES; FAE FOR THIS REPLAT PROVIDES ADDITIONAL FINANCIAL ASSURANCE FOR ADDED ROADWAY & DRAINAGE IMPROVEMENTS DUE TO REPLAT.

2021 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 12/22/2020

PROJECT INFORMATION							
Mayberry, Colorado Springs Filing No. 1A Replat				2/22/2022			
Project Name				Date			
Description	Quantity	Units	Unit Cost				
SECTION 1 - GRADING, EROSION CONTROL (Construction and Permanent BMPs)							
* Earthwork							
less than 1,000; \$5		CY	\$ 8.00	=	\$	-	\$ -
1,000-5,000; \$8,000	4,400	CY	\$ 6.00	=	\$	26,400.00	\$ 26,400.00
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		CY	\$ 2.00	=	\$	-	\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)	1	AC	\$ 828.00	=	\$	828.00	\$ 828.00
* Mulching	1	AC	\$ 777.00	=	\$	777.00	\$ 777.00
* Permanent Erosion Control Blanket		SY	\$ 6.00	=	\$	-	\$ -
* Permanent Pond/BMP Construction		CY	\$ 21.00	=	\$	-	\$ -
* Permanent Pond/BMP (Impact Stilling Basin)	1	LS	\$ 8,000.00	=	\$	8,000.00	\$ 8,000.00
		EA		=	\$	-	\$ -
Safety Fence		LF	\$ 3.00	=	\$	-	\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	-	\$ -
Vehicle Tracking Control		EA	\$ 2,453.00	=	\$	-	\$ -
Silt Fence		LF	\$ 2.60	=	\$	-	\$ -
Temporary Seeding		AC	\$ 650.00	=	\$	-	\$ -
Temporary Mulch		AC	\$ 777.00	=	\$	-	\$ -
Erosion Bales		EA	\$ 26.00	=	\$	-	\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$	-	\$ -
Rock Check Dams		EA	\$ 518.00	=	\$	-	\$ -
Inlet Protection		EA	\$ 173.00	=	\$	-	\$ -
Sediment Basin		EA	\$ 1,824.00	=	\$	-	\$ -
Concrete Washout Basin		EA	\$ 932.00	=	\$	-	\$ -
[insert items not listed but part of construction plans]				=	\$	-	\$ -
MAINTENANCE (35% of Construction BMPs)				=	\$	-	\$ -
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
Section 1 Subtotal				=	\$	36,005.00	\$ 36,005.00
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$	-	\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$	-	\$ -
Aggregate Base Course (135 lbs/cf)	550	CY	\$ 52.00	=	\$	28,600.00	\$ 28,600.00
Asphalt Pavement (3" thick)		SY	\$ 14.50	=	\$	-	\$ -
Asphalt Pavement (4" thick)	3,300	SY	\$ 20.00	=	\$	66,000.00	\$ 66,000.00
Asphalt Pavement (6" thick)		SY	\$ 30.00	=	\$	-	\$ -
Asphalt Pavement (147 lbs/cf) 1" thick		Tons	\$ 91.00	=	\$	-	\$ -
Raised Median, Paved		SF	\$ 8.30	=	\$	-	\$ -
Regulatory Sign/Advisory Sign	4	EA	\$ 311.00	=	\$	1,244.00	\$ 1,244.00
Guide/Street Name Sign	4	EA	\$ 150.00	=	\$	600.00	\$ 600.00
Epoxy Pavement Marking		SF	\$ 14.00	=	\$	-	\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$	-	\$ -
Barricade - Type 3		EA	\$ 207.00	=	\$	-	\$ -
Delineator - Type I		EA	\$ 25.00	=	\$	-	\$ -
Curb and Gutter, Type A (6" Vertical)	1,980	LF	\$ 31.00	=	\$	61,380.00	\$ 61,380.00
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$	-	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 31.00	=	\$	-	\$ -
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$	-	\$ -
5" Sidewalk	920	SY	\$ 62.00	=	\$	57,040.00	\$ 57,040.00
6" Sidewalk		SY	\$ 75.00	=	\$	-	\$ -
8" Sidewalk		SY	\$ 99.00	=	\$	-	\$ -
Pedestrian Ramp	10	EA	\$ 1,190.00	=	\$	11,900.00	\$ 11,900.00
Cross Pan, local (8" thick, 6' wide to include return)	210	LF	\$ 63.00	=	\$	13,230.00	\$ 13,230.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 95.00	=	\$	-	\$ -
Curb Chase		EA	\$ 1,532.00	=	\$	-	\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 51.00	=	\$	-	\$ -
Guardrail Type 7 (Concrete)		LF	\$ 75.00	=	\$	-	\$ -
Guardrail End Anchorage		EA	\$ 2,172.00	=	\$	-	\$ -
Guardrail Impact Attenuator		EA	\$ 3,899.00	=	\$	-	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 81.00	=	\$	-	\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 83.00	=	\$	-	\$ -
Electrical Conduit, Size =		LF	\$ 17.00	=	\$	-	\$ -
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$	-	\$ -

After internal discussion with staff, please provide an amended FAE for the entirety of Filing 1 to go along with the amended SIA that is being requested by the County Attorney

Per direction from engineering manager, Please use the current 2022 FAE form

PROJECT INFORMATION							
Mayberry, Colorado Springs Filing No. 1A Replat			2/22/2022		VR2113		
Project Name			Date		PCD File No.		
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 67.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 81.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe	920	LF	\$ 100.00	=	\$ 92,000.00		\$ 92,000.00
36" Reinforced Concrete Pipe		LF	\$ 124.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 166.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 202.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 254.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 298.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 344.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 393.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 87.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 99.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 126.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 152.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 174.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 290.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 352.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 414.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 476.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 569.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 30" (unit cost = 6x pipe unit cost)	2	EA	\$ 600.00	=	\$ 1,200.00		\$ 1,200.00
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	\$ 5,736.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,440.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,637.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,894.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 8,136.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,265.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 11,005.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 12,034.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,940.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,619.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.20	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 83.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 98.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 590.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,520.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal				=	\$ 333,194.00		\$ 333,194.00

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

PROJECT INFORMATION							
Mayberry, Colorado Springs Filing No. 1A Replat		2/22/2022		VR2113			
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							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"		LF	\$ 66.00	=	\$ -		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -
Gate Valves, 8"		EA	\$ 1,923.00	=	\$ -		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 6,828.00	=	\$ -		\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,370.00	=	\$ -		\$ -
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 8"		LF	\$ 66.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,540.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,451.00	=	\$ -		\$ -
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				=	\$ -		\$ -

PROJECT INFORMATION		
Mayberry, Colorado Springs Filing No. 1A Replat	2/22/2022	VR2113
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS		=	\$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		=	\$ -		\$ -
Total Construction Financial Assurance						\$	369,199.00
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	369,199.00
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	73,839.80
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)							

Approvals	
I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.	
<div style="border-bottom: 1px solid black; height: 40px; margin-bottom: 10px;"></div>	
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date