

update accordingly  
per comments  
provided on the  
CD's

2022 Financial Assurance Estimate Form  
(with pre-plat construction)

Updated: 11/4/2021

PROJECT INFORMATION		
Mayberry, Colorado Springs Filing No. 3	9/1/2022	SF2219
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>						
* 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	10,000	CY	\$ 5.00	= \$ 50,000.00		\$ 50,000.00
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.)	55	AC	\$ 886.00	= \$ 49,063.26		\$ 49,063.26
* Mulching	55	AC	\$ 831.00	= \$ 46,017.57		\$ 46,017.57
* Permanent Erosion Control Blanket	0	SY	\$ 7.00	= \$ -		\$ -
* Permanent Pond/BMP Construction	4,329	CY	\$ 22.00	= \$ 95,238.00		\$ 95,238.00
* Permanent Pond/BMP (Spillway)	1	EA	\$ 3,000.00	= \$ 3,000.00		\$ 3,000.00
* Permanent Pond/BMP (Forebay/Outlet Structure)	3	EA	\$ 12,000.00	= \$ 36,000.00		\$ 36,000.00
Safety Fence	14,006	LF	\$ 3.00	= \$ 42,017.52		\$ 42,017.52
Temporary Erosion Control Blanket	3	SY	\$ 3.00	= \$ 14.45		\$ 14.45
Vehicle Tracking Control	1	EA	\$ 2,625.00	= \$ 2,625.00		\$ 2,625.00
Silt Fence	12,566	LF	\$ 3.00	= \$ 37,698.24		\$ 37,698.24
Temporary Seeding	55	AC	\$ 695.00	= \$ 38,486.42		\$ 38,486.42
Temporary Mulch	55	AC	\$ 831.00	= \$ 46,017.57		\$ 46,017.57
Erosion Bales	0	EA	\$ 28.00	= \$ -		\$ -
Erosion Logs/Straw Waddle	0	LF	\$ 6.00	= \$ -		\$ -
Rock Check Dams	> 21	EA	\$ 554.00	= \$ 11,634.00		\$ 11,634.00
Inlet Protection	16	EA	\$ 185.00	= \$ 2,960.00		\$ 2,960.00
Sediment Basin	0	EA	\$ 1,952.00	= \$ -		\$ -
Concrete Washout Basin	1	EA	\$ 997.00	= \$ 997.00		\$ 997.00
[insert items not listed but part of construction plans]				= \$ -		\$ -
				= \$ -		\$ -
				= \$ 49,151.44		\$ 49,151.44
<b>MAINTENANCE (35% of Construction BMPs)</b>						
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Include ABC for roadways						
<b>Section 1 Subtotal</b>				<b>= \$ 510,920.47</b>		<b>\$ 510,920.47</b>

<b>SECTION 2 - PUBLIC IMPROVEMENTS *</b>						
<b>ROADWAY IMPROVEMENTS</b>						
Construction Traffic Control		LS	\$ 2	= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 55.00	= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 55.00	= \$ -		\$ -
Asphalt Pavement (3" thick)	0	SY	\$ 21.00	= \$ -		\$ -
Asphalt Pavement (4" thick)	28,283	SY	\$ 21.00	= \$ 593,933.99		\$ 593,933.99
Asphalt Pavement (6" thick)	0	SY	\$ 32.00	= \$ -		\$ -
Asphalt Pavement (147 lbs/cf) 4" thick	5,727	Tons	\$ 97.00	= \$ 555,540.40		\$ 555,540.40
Raised Median, Paved	11,580	SF	\$ 9.00	= \$ 104,221.17		\$ 104,221.17
Regulatory Sign/Advisory Sign	90	EA	\$ 333.00	= \$ 29,970.00		\$ 29,970.00
Guide/Street Name Sign		EA		= \$ -		\$ -
Epoxy Pavement Marking		SF	\$ 15.00	= \$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 26.00	= \$ -		\$ -
Barricade - Type 3	8	EA	\$ 221.00	= \$ 1,768.00		\$ 1,768.00
Delineator - Type I	0	EA	\$ 27.00	= \$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	5,959	LF	\$ 32.00	= \$ 190,685.44		\$ 190,685.44
Curb and Gutter, Type B (Median)	1,830	LF	\$ 32.00	= \$ 58,557.76		\$ 58,557.76
Curb and Gutter, Type C (Ramp)	7,766	LF	\$ 32.00	= \$ 248,521.92		\$ 248,521.92
4" Sidewalk (common areas only)	0	SY	\$ 53.00	= \$ -		\$ -
5" Sidewalk	74,085	SY	\$ 66.00	= \$ 4,889,621.22		\$ 4,889,621.22
6" Sidewalk	0	SY	\$ 80.00	= \$ -		\$ -
8" Sidewalk	0	SY	\$ 106.00	= \$ -		\$ -
Pedestrian Ramp	70	EA	\$ 1,273.00	= \$ 89,110.00		\$ 89,110.00
Cross Pan, local (8" thick, 6' wide to include return)	454	LF	\$ 67.00	= \$ 30,420.68		\$ 30,420.68
Cross Pan, collector (9" thick, 8' wide to include return)	84	LF	\$ 102.00	= \$ 8,608.80		\$ 8,608.80
Curb Chase	0	EA	\$ 1,639.00	= \$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	= \$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	= \$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	= \$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	= \$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	= \$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	= \$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	= \$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470,666	= \$ -		\$ -

**PROJECT INFORMATION**

Mayberry, Colorado Springs Filing No. 3

9/1/2022

SF2219

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b>							
Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	104	LF	\$ 70.00	=	\$ 7,266.00		\$ 7,266.00
24" Reinforced Concrete Pipe	907	LF	\$ 83.00	=	\$ 75,286.81		\$ 75,286.81
30" Reinforced Concrete Pipe	989	LF	\$ 104.00	=	\$ 102,904.88		\$ 102,904.88
36" Reinforced Concrete Pipe	2,712	LF	\$ 128.00	=	\$ 347,116.80		\$ 347,116.80
42" Reinforced Concrete Pipe		LF	\$ 171.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe	927	LF	\$ 209.00	=	\$ 193,743.00		\$ 193,743.00
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 319.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 368.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 421.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 90.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 103.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 131.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 157.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 180.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 190.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 278.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 300.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 364.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 428.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 492.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 588.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 36" <i>(unit cost = 6x pipe unit cost)</i>	1	EA	\$ 744.00	=	\$ 744.00		\$ 744.00
Flared End Section (FES) CSP Size = 60" <i>(unit cost = 6x pipe unit cost)</i>	5	EA	\$ 1,788.00	=	\$ 8,940.00		\$ 8,940.00
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'	6	EA	\$ 6,138.00	=	\$ 36,828.00		\$ 36,828.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,981.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 9,242.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'	6	EA	\$ 8,447.00	=	\$ 50,682.00		\$ 50,682.00
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 8,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,898.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'	4	EA	\$ 10,984.00	=	\$ 43,936.00		\$ 43,936.00
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,775.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,876.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 11,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,920.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,138.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,347.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,876.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	15	EA	\$ 7,082.00	=	\$ 106,230.00		\$ 106,230.00
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	15	Tons	\$ 89.00	=	\$ 1,340.34		\$ 1,340.34
Rip Rap, Grouted		Tons	\$ 105.00	=	\$ -		\$ -
Drainage Channel Construction, Size ( W x H )		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 631.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 124.00	=	\$ -		\$ -
Drainage Channel Lining, Grass	3	AC	\$ 1,626.00	=	\$ 5,398.55		\$ 5,398.55
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
29"x49" Plug	1	EA	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
<b>Section 2 Subtotal</b>					<b>=</b>	<b>\$ 7,786,375.76</b>	<b>\$ 7,786,375.76</b>

\* - 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. 3	9/1/2022	SF2219
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**</b>						
<b>ROADWAY IMPROVEMENTS</b>						
Meander Granite Trail	2,300	SF	\$ 2.00	= \$ 4,600.00		\$ 4,600.00
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
Rip Rap, d50 size from 6" to 24"	19,178	SF		= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
<b>WATER SYSTEM IMPROVEMENTS</b>						
Water Main Pipe (PVC), Size 8"	8,849	LF	\$ 71.00	= \$ 628,288.23		\$ 628,288.23
Water Main Pipe (Ductile Iron), Size 8"	0	LF	\$ 83.00	= \$ -		\$ -
Gate Valves, 8"	40	EA	\$ 2,058.00	= \$ 82,320.00		\$ 82,320.00
Fire Hydrant Assembly, w/ all valves	16	EA	\$ 7,306.00	= \$ 116,896.00		\$ 116,896.00
Water Service Line Installation, inc. tap and valves	142	EA	\$ 1,466.00	= \$ 208,172.00		\$ 208,172.00
Fire Cistern Installation, complete	0	EA		= \$ -		\$ -
				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
<b>SANITARY SEWER IMPROVEMENTS</b>						
Sewer Main Pipe (PVC), Size 8"	10,801	LF	\$ 71.00	= \$ 766,880.94		\$ 766,880.94
Sanitary Sewer Manhole, Depth < 15 feet	39	EA	\$ 4,858.00	= \$ 189,462.00		\$ 189,462.00
Sanitary Service Line Installation, complete	142	EA	\$ 1,553.00	= \$ 220,526.00		\$ 220,526.00
Sanitary Sewer Lift Station, complete	0	EA		= \$ -		\$ -
				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
<b>LANDSCAPING IMPROVEMENTS</b> (For subdivision specific condition of approval, or PUD)						
		EA		= \$ -		\$ -
		EA		= \$ -		\$ -
		EA		= \$ -		\$ -
		EA		= \$ -		\$ -
		EA		= \$ -		\$ -
		EA		= \$ -		\$ -
<b>Section 3 Subtotal</b>				<b>= \$ 2,217,145.17</b>		<b>\$ 2,217,145.17</b>

\*\* - Section 3 is not subject to defect warranty requirements

include costs

PROJECT INFORMATION		
Mayberry, Colorado Springs Filing No. 3	9/1/2022	SF2219
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	= \$	-	\$	-
<b>Total Construction Financial Assurance</b>					<b>\$ 10,514,441.40</b>	
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>					<b>\$ 10,514,441.40</b>	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					<b>\$ 1,613,138.92</b>	
(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.

\_\_\_\_\_  
 Engineer (P.E. Seal Required)

\_\_\_\_\_  
 Approved by Owner / Applicant

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Approved by El Paso County Engineer / ECM Administrator

\_\_\_\_\_  
 Date