

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

Updated: 08/15/2023

PROJECT INFORMATION		
Mayberry Filing No.4	8/15/2023	SF2317
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	16,785	CY	\$ 5.00	=	\$ 83,925.00		\$ 83,925.00	
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	5,102	SY	\$ 8.00	=	\$ 40,816.00		\$ 40,816.00	
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	9	AC	\$ 1,875.00	=	\$ 16,875.00		\$ 16,875.00	
Permanent Pond/BMP (provide engineer's estimate)	0	EA		=	\$ -		\$ -	
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$ 1,089.00	
Inlet Protection	2	EA	\$ 202.00	=	\$ 404.00		\$ 404.00	
Rock Check Dam	3	EA	\$ 605.00	=	\$ 1,815.00		\$ 1,815.00	
Safety Fence	3,018	LF	\$ 3.00	=	\$ 9,054.00		\$ 9,054.00	
Sediment Basin	1	EA	\$ 2,132.00	=	\$ 2,132.00		\$ 2,132.00	
Sediment Trap	0	EA	\$ 500.00	=	\$ -		\$ -	
Silt Fence	0	LF	\$ 3.00	=	\$ -		\$ -	
Slope Drain	0	LF	\$ 40.00	=	\$ -		\$ -	
Straw Bale	0	EA	\$ 31.00	=	\$ -		\$ -	
Straw Wattle/Rock Sock	8	LF	\$ 7.00	=	\$ 56.00		\$ 56.00	
Surface Roughening	0	AC	\$ 250.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket	5,102	SY	\$ 3.00	=	\$ 15,306.00		\$ 15,306.00	
Temporary Seeding and Mulching	9	AC	\$ 1,666.00	=	\$ 14,994.00		\$ 14,994.00	
Vehicle Tracking Control	1	EA	\$ 2,867.00	=	\$ 2,867.00		\$ 2,867.00	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 16,319.80		\$ 16,319.80
<b>Section 1 Subtotal</b>					=	<b>\$ 205,652.80</b>		<b>\$ 205,652.80</b>

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

<b>SECTION 2 - PUBLIC IMPROVEMENTS *</b>							
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<b>ROADWAY IMPROVEMENTS</b>							
Construction Traffic Control							
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	1,300	CY	\$ 61.00	=	\$ 79,300.00		\$ 79,300.00
Asphalt Pavement (3" thick)	0	SY	\$ 17.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	3,901	SY	\$ 23.00	=	\$ 89,723.00		\$ 89,723.00
Asphalt Pavement (6" thick)	0	SY	\$ 35.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) 4" thick	860	Tons	\$ 106.00	=	\$ 91,160.00		\$ 91,160.00
Raised Median, Paved	0	SF	\$ 10.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	2	EA	\$ 364.00	=	\$ 728.00		\$ 728.00
Guide/Street Name Sign	6	EA	\$ 364.00	=	\$ 2,184.00		\$ 2,184.00
Epoxy Pavement Marking	0	SF	\$ 16.00	=	\$ -		\$ -
Thermoplastic Pavement Marking	120	SF	\$ 28.00	=	\$ 3,360.00		\$ 3,360.00
Barricade - Type 3	2	EA	\$ 241.00	=	\$ 482.00		\$ 482.00
Delineator - Type I	0	EA	\$ 29.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	1,864	LF	\$ 35.00	=	\$ 65,240.00		\$ 65,240.00
Curb and Gutter, Type B (Median)	0	LF	\$ 35.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	0	LF	\$ 35.00	=	\$ -		\$ -
4" Sidewalk (common areas only)	125	SY	\$ 58.00	=	\$ 7,250.00		\$ 7,250.00
5" Sidewalk	1,535	SY	\$ 72.00	=	\$ 110,520.00		\$ 110,520.00
6" Sidewalk	0	SY	\$ 87.00	=	\$ -		\$ -
8" Sidewalk	0	SY	\$ 116.00	=	\$ -		\$ -
Pedestrian Ramp	8	EA	\$ 1,390.00	=	\$ 11,120.00		\$ 11,120.00
Cross Pan, local (8" thick, 6' wide to include return)	0	LF	\$ 73.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)	0	LF	\$ 111.00	=	\$ -		\$ -
Curb Opening with Drainage Chase	0	EA	\$ 1,790.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)	0	LF	\$ 60.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)	0	LF	\$ 87.00	=	\$ -		\$ -
Guardrail End Anchorage	0	EA	\$ 2,538.00	=	\$ -		\$ -
Guardrail Impact Attenuator	0	EA	\$ 4,556.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)	0	LF	\$ 95.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)	0	LF	\$ 97.00	=	\$ -		\$ -
Electrical Conduit, Size =	0	LF	\$ 20.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)	0	EA		=	\$ -		\$ -

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]				=	\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b>							
Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	114	LF	\$ 76.00	=	\$ 8,664.00		\$ 8,664.00
24" Reinforced Concrete Pipe	52	LF	\$ 91.00	=	\$ 4,732.00		\$ 4,732.00
30" Reinforced Concrete Pipe	422	LF	\$ 114.00	=	\$ 48,108.00		\$ 48,108.00
36" Reinforced Concrete Pipe	0	LF	\$ 140.00	=	\$ -		\$ -
45" Reinforced Concrete Pipe	0	LF	\$ 187.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe	0	LF	\$ 228.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe	0	LF	\$ 297.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe	131	LF	\$ 348.00	=	\$ 45,588.00		\$ 45,588.00
66" Reinforced Concrete Pipe	0	LF	\$ 402.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe	0	LF	\$ 460.00	=	\$ -		\$ -
18" Corrugated Steel Pipe	0	LF	\$ 98.00	=	\$ -		\$ -
24" Corrugated Steel Pipe	0	LF	\$ 112.00	=	\$ -		\$ -
30" Corrugated Steel Pipe	0	LF	\$ 143.00	=	\$ -		\$ -
36" Corrugated Steel Pipe	0	LF	\$ 171.00	=	\$ -		\$ -
42" Corrugated Steel Pipe	0	LF	\$ 197.00	=	\$ -		\$ -
48" Corrugated Steel Pipe	0	LF	\$ 207.00	=	\$ -		\$ -
54" Corrugated Steel Pipe	0	LF	\$ 304.00	=	\$ -		\$ -
60" Corrugated Steel Pipe	0	LF	\$ 328.00	=	\$ -		\$ -
66" Corrugated Steel Pipe	0	LF	\$ 397.00	=	\$ -		\$ -
72" Corrugated Steel Pipe	0	LF	\$ 467.00	=	\$ -		\$ -
78" Corrugated Steel Pipe	0	LF	\$ 537.00	=	\$ -		\$ -
84" Corrugated Steel Pipe	0	LF	\$ 642.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 24" <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 546.00	=	\$ -		\$ 546.00
Flared End Section (FES) CSP Size = 60" <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 2,088.00	=	\$ -		\$ 4,176.00
End Treatment- Headwall	0	EA		=	\$ -		\$ -
End Treatment- Wingwall	0	EA		=	\$ -		\$ -
End Treatment - Cutoff Wall	0	EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'	2	EA	\$ 6,703.00	=	\$ 13,406.00		\$ 13,406.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	0	EA	\$ 8,715.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'	0	EA	\$ 10,092.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'	0	EA	\$ 9,224.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'	0	EA	\$ 9,507.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'	0	EA	\$ 11,901.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'	0	EA	\$ 11,995.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	0	EA	\$ 12,858.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'	0	EA	\$ 14,061.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'	0	EA	\$ 12,783.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'	0	EA	\$ 14,109.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'	0	EA	\$ 5,611.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'	0	EA	\$ 6,931.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base	0	EA	\$ 14,061.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	5	EA	\$ 7,734.00	=	\$ 38,670.00		\$ 38,670.00
Geotextile (Erosion Control)	0	SY	\$ 8.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	15	Tons	\$ 97.00	=	\$ 1,455.00		\$ 1,455.00
Rip Rap, Grouted	0	Tons	\$ 115.00	=	\$ -		\$ -
Drainage Channel Construction, Size ( W x H )		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete	0	CY	\$ 689.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap	0	CY	\$ 135.00	=	\$ -		\$ -
Drainage Channel Lining, Grass	1	AC	\$ 1,776.00	=	\$ 2,060.16		\$ 2,060.16
Drainage Channel Lining, Other Stabilization	0			=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
<b>Section 2 Subtotal</b>				=	<b>\$ 628,472.16</b>		<b>\$ 628,472.16</b>

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include channel on the south side of lots 5-8 and the work to relocate the existing channel

25 tons of riprap indicated in the drainage report. Revise so that they are consistent

PROJECT INFORMATION		
Mayberry Filing No.4	8/15/2023	SF2317
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>						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
<b>STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)</b>						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
<b>WATER SYSTEM IMPROVEMENTS</b>						
Water Main Pipe (PVC), Size 8"	340	LF	\$ 78.00	= \$	26,520.00	\$ 26,520.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	= \$	-	\$ -
Gate Valves, 8"	1	EA	\$ 2,247.00	= \$	2,247.00	\$ 2,247.00
Fire Hydrant Assembly, w/ all valves	2	EA	\$ 7,978.00	= \$	15,956.00	\$ 15,956.00
Water Service Line Installation, inc. tap and valves	8	EA	\$ 1,601.00	= \$	12,808.00	\$ 12,808.00
Fire Cistern Installation, complete		EA		= \$	-	\$ -
Water Main Pipe (PVC), Size 12"	908	LF	\$ 97.00	= \$	88,076.00	\$ 88,076.00
12"x8" Tee	1	EA	\$ 2,900.00	= \$	2,900.00	\$ 2,900.00
12"x6" Tee	2	EA	\$ 2,500.00	= \$	5,000.00	\$ 5,000.00
12"x8" Reducer	1	EA	\$ 2,900.00	= \$	2,900.00	\$ 2,900.00
Gate Valves, 12"	4	EA	\$ 2,600.00	= \$	10,400.00	\$ 10,400.00
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
<b>SANITARY SEWER IMPROVEMENTS</b>						
Sewer Main Pipe (PVC), Size 8"	1,090	LF	\$ 78.00	= \$	85,020.00	\$ 85,020.00
Sanitary Sewer Manhole, Depth < 15 feet	3	EA	\$ 5,305.00	= \$	15,915.00	\$ 15,915.00
Sanitary Service Line Installation, complete	8	EA	\$ 1,696.00	= \$	13,568.00	\$ 13,568.00
Sanitary Sewer Lift Station, complete	0	EA		= \$	-	\$ -
Sanitary Cleanout	8	EA	\$ 250.00	= \$	2,000.00	\$ 2,000.00
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
<b>LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)</b>						
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
<b>Section 3 Subtotal</b>				<b>= \$</b>	<b>283,310.00</b>	<b>\$ 283,310.00</b>

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

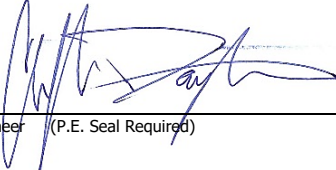
**PROJECT INFORMATION**

<b>Mayberry Filing No.4</b>	<b>8/15/2023</b>	<b>SF2317</b>
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>


Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
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		=	\$ -		\$ -
<b>Total Construction Financial Assurance</b>						<b>\$ 1,120,434.96</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>\$ 1,120,434.96</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>\$ 154,017.63</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

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

# V2\_Financial Assurance Forms Comments.pdf Markup Summary

Daniel Torres (3)

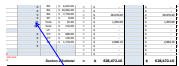
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Include channel on the south side of lots 5-8 and the work to relocate the existing channel

**Subject:** Callout  
**Page Label:** 2  
**Author:** Daniel Torres  
**Date:** 10/2/2023 2:38:50 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

include channel on the south side of lots 5-8 and the work to relocate the existing channel



25 tons of riprap indicated in the drainage report. Revise so that they are consistent

**Subject:** Callout  
**Page Label:** 2  
**Author:** Daniel Torres  
**Date:** 10/2/2023 2:39:56 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

25 tons of riprap indicated in the drainage report. Revise so that they are consistent



quantity does not match the estimates in the drainage report. Revise accordingly so that they are consistent with the report and plans

**Subject:** Cloud+  
**Page Label:** 2  
**Author:** Daniel Torres  
**Date:** 10/2/2023 2:41:45 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

quantity does not match the estimates in the drainage report. Revise accordingly so that they are consistent with the report and plans