

Financial Assurance Estimate Form Introduction Sheet
Current FAE Version 10/17/2023

Notice: The permit holder shall provide surety collateral for public and common development improvements prior to receiving a Construction Permit and subsequent County acceptance of the improvements. Construction surety collateral will be released in accordance with the provisions of ECM Section 5.3.16.E or as otherwise allowed by an approved Development Agreement or Subdivision Improvements Agreement.

Helpful Information

Abbreviations: AC = Acres CY = Cubic Yards EA = Each LF = Linear Feet LS = Lump Sum SF = Square Feet SY = Square Yards

- Important**
- All blue cells represent input locations:
 - Before submitting the Financial Assurance Estimate Form ensure all item quantities shown on the GEC Plan, Construction Drawings, and Final Drainage Report are listed and match the FAE.
 - The Financial Assurance Estimate Form is updated annually by the County. The current year's FAE version is required for all projects under review.

Section Explanations

Project Information: • Above "Project Name", "Date", and "PCD File No." type in the information in the respective blue cells. The file number can be found in EDARP and includes the project type and number (e.g. MS####, SF####, CDR### etc.)

- Section 1:**
- This section shall include all temporary and permanent stormwater control measures (CMs) / best management practices (BMPs).
 - The Earthwork subsection shall list the combined **Cut** and **Fill** quantities. For example, a project that has a **Cut** of 8,500 CY and **Fill** of 5,500 CY of soil should list 14,000 CY as the quantity.
 - **Early Grading Projects Only:** Use the highest **Cut** or **Fill** quantity, do not combine all earthwork totals. In the previous example, the quantity listed would be 8,500 CY.
 - In Line 20, input the number of permanent water quality facilities and the exact cost of each or the total cost provided by design engineer in the Final Drainage Report.

Section 2: • This section shall include all public improvements including but not limited to stormwater infrastructure, road construction, pedestrian improvements, and traffic signage and striping.

Section 3: • This section shall include all non-El Paso County maintained common development improvements being constructed. This includes private roads, sewers, waterlines, stormwater infrastructure, and landscaping. Private improvements that service a single lot are not required to be included.

As-Builts & Pond Certifications: • Provide total costs for As-Built construction drawings and Pond Certifications produced by the project engineer, **no less than \$1,500 each as applicable.**

Surety Collateral Procedures

- Process:**
- For a complete explanation of surety collateral collected by El Paso County for public and private development improvements refer to the El Paso County Engineering Criteria Manual Chapter 1.17 and Chapter 5.3.
 - Standard (minimum) unit costs are subject to change with annual updates. These costs are estimated based on the anticipated costs to the County to complete improvements and stabilize the site.

Subdivision: • For subdivision projects with delayed plat recording, only the amount from Section 1 is required at the pre-construction meeting. The total or remaining FAE amount is required at the time of plat recordation depending on the completion of improvements.

Site Development Plan: • Surety collateral is due at the required pre-construction meeting with El Paso County staff prior to receiving an approved Construction Permit and Notice to Proceed.

Acceptance and Release:

- Upon completion of the work, it is the developer's responsibility to notify El Paso County Department of Public Works Development Services Inspections to schedule a Preliminary Acceptance inspection. After completing the Preliminary Acceptance inspection, up to 80% of the original surety collateral will be released to the developer.
- The warranty period shall be two years from Preliminary Acceptance. At the time of expiration of the two-year warranty period the developer shall notify County staff to schedule a Final Acceptance inspection. Upon completion and approval of Final Acceptance the remaining 20% surety collateral will be released to the developer. Preliminary Acceptance inspections and Final Acceptance inspections shall be scheduled in advance to reduce delays in surety release due to required punchlist repairs.

Percent Complete Column: • The percent complete column is used to determine the amount of remaining surety collateral being held as work is completed.

2024 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 10/2023

PROJECT INFORMATION		
Villas at Aspen Trails	2/7/2024	SP234
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	5825.	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 Erosion Control Blanket		SY	\$ 9.00	=	\$ -		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching		AC	\$ 2,018.00	=	\$ -		\$ -
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
Concrete Washout Basin		EA	\$ 1,172.00	=	\$ -		\$ -
Inlet Protection		EA	\$ 217.00	=	\$ -		\$ -
Rock Check Dam		EA	\$ 651.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin	1.	EA	\$ 2,294.00	=	\$ 2,294.00		\$ 2,294.00
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -
Silt Fence	918.22	LF	\$ 3.00	=	\$ 2,754.66		\$ 2,754.66
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -
Straw Bale		EA	\$ 33.00	=	\$ -		\$ -
Straw Wattle/Rock Sock	41.	LF	\$ 8.00	=	\$ 328.00		\$ 328.00
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching	4.2	AC	\$ 1,793.00	=	\$ 7,530.60		\$ 7,530.60
Vehicle Tracking Control	1.	EA	\$ 3,085.00	=	\$ 3,085.00		\$ 3,085.00
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ 5,597.29		\$ 5,597.29
MAINTENANCE (35% of Construction BMPs)				=	\$ 5,597.29		\$ 5,597.29
				Section 1 Subtotal	=	\$ 51,589.55	\$ 51,589.55

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

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 66.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 114.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 11.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 392.00	=	\$ -		\$ -
Guide/Street Name Sign		EA	\$ 49.25	=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 17.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 259.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 62.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 94.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,496.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

PROJECT INFORMATION

Villas at Aspen Trails

2/7/2024

SP234

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>				=	\$	-		\$ -
<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	\$ 82.00	=	\$	-		\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	=	\$	-		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	=	\$	-		\$ -
36" Reinforced Concrete Pipe		LF	\$ 151.00	=	\$	-		\$ -
42" Reinforced Concrete Pipe		LF	\$ 201.00	=	\$	-		\$ -
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$	-		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$	-		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$	-		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$	-		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$	-		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$	-		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$	-		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$	-		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$	-		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	=	\$	-		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	=	\$	-		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	=	\$	-		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	=	\$	-		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	=	\$	-		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$	-		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$	-		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$	-		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$	-		\$ -
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$	-		\$ -
End Treatment- Headwall		EA		=	\$	-		\$ -
End Treatment- Wingwall		EA		=	\$	-		\$ -
End Treatment - Cutoff Wall		EA		=	\$	-		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 7,212.00	=	\$	-		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 9,377.00	=	\$	-		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,925.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 12,907.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 13,755.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$	-		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$	-		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$	-		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$	-		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$	-		\$ -
Geotextile (Erosion Control)		SY	\$ 9.00	=	\$	-		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$	-		\$ -
Rip Rap, Grouted		Tons	\$ 124.00	=	\$	-		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$	-		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$	-		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	=	\$	-		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$	-		\$ -
Drainage Channel Lining, Other Stabilization				=	\$	-		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$	-		\$ -
<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)

PROJECT INFORMATION

Villas at Aspen Trails	2/7/2024	SP234
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	\$ 84.00	=	\$ -		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$ -		\$ -	
Gate Valves, 8"		EA	\$ 2,418.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	=	\$ -		\$ -	
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	=	\$ -		\$ -	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,708.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	=	\$ -		\$ -	
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					=	\$ -		\$ -

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

PROJECT INFORMATION

Villas at Aspen Trails	2/7/2024	SP234
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)				= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 51,589.55
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 51,589.55
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 6,000.00
(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