

Villas at Aspen Trails

Total Construction Estimate

Project Information: Villas at Aspen Trails	
7/17/2023	
Project Name: Villas at Aspen Trails	
Date	

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork*	3,299.76	CY	@ \$ \$5	= \$ 16,498.80	\$ 16,498.80 *
Permanent Seeding* (inc. noxious weed mgmnt.)	2.46	AC	@ \$ \$582	= \$ 1,431.72	\$ 1,431.72 *
Mulching*		AC	@ \$ \$507	= \$	\$ - *
Permanent Erosion Control Blanket*		SY	@ \$ \$6	= \$	\$ - *
Temporary Erosion Control Blanket		SY	@ \$ \$3	= \$	\$ -
Vehicle Tracking Control	1.00	EA	@ \$ \$1,625	= \$ 1,625.00	\$ 1,625.00
Safety Fence	958.00	LF	@ \$ \$3	= \$ 2,874.00	\$ 2,874.00
Silt Fence	958.00	LF	@ \$ \$4	= \$ 3,832.00	\$ 3,832.00
Temporary Seeding	2.46	AC	@ \$ \$485	= \$ 1,193.10	\$ 1,193.10
Temporary Mulch		AC	@ \$ \$507	= \$	\$ -
Erosion Bales		EA	@ \$ \$21	= \$	\$ -
Erosion Logs		LF	@ \$ \$6	= \$	\$ -
Rock Ditch Checks		EA	@ \$	= \$	\$ -
Inlet Protection	2.00	EA	@ \$ \$153	= \$ 306.00	\$ 306.00
Sediment Basin		EA	@ \$ \$1,625	= \$	\$ -
Concrete Washout Basin		EA	@ \$ \$776	= \$	\$ -
		@ \$	= \$		\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.					
Section 1 Subtotal				= \$ 27,760.62	\$ 27,760.62

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
Concrete Sidewalk		SY	@ \$ \$38	= \$	\$ -
Construction Traffic Control		LS	@ \$ 7,500	= \$	\$ - *
Aggregate Base Course	867.56	Tons	@ \$ \$18	= \$ 15,616.15	\$ 15,616.15 *
Asphalt Pavement	688.26	Tons	@ \$ \$65	= \$ 44,736.71	\$ 44,736.71 *
Raised Median, Paved		SF	@ \$ \$7	= \$	\$ - *
Electrical Conduit, Size =		LF	@ \$ \$14	= \$	\$ - *
Traffic Signal, complete intersection		EA	@ \$ \$250,000	= \$	\$ - *
Regulatory Sign		EA	@ \$ \$100	= \$	\$ - *
Advisory Sign		EA	@ \$ \$100	= \$	\$ - *
Guide/Street Name Sign		EA	@ \$	= \$	\$ - *
Epoxy Pavement Marking		SF	@ \$ \$12	= \$	\$ - *
Thermoplastic Pavement Marking		SF	@ \$ \$22	= \$	\$ - *
Barricade - Type 3		EA	@ \$ \$115	= \$	\$ - *
Delineator (Type I)		EA	@ \$ \$21	= \$	\$ - *
Curb and Gutter, Type C (Ramp)	3,917.05	LF	@ \$ \$21	= \$ 82,258.00	\$ 82,258.00 *
Curb and Gutter, Type A (6" Vertical)	1,066.55	LF	@ \$ \$16	= \$ 17,064.78	\$ 17,064.78 *
Curb and Gutter, Type B (Median)		LF	@ \$ \$13	= \$	\$ - *
Pedestrian Ramp		SY	@ \$ \$108	= \$	\$ - *
Cross Pan	195.67	SY	@ \$ \$53	= \$ 10,370.56	\$ 10,370.56 *
Curb Chase		EA	@ \$ \$1,300	= \$	\$ - *
Guardrail Type 3 (W-Beam)		LF	@ \$ \$18	= \$	\$ - *
Guardrail Type 7 (Concrete)		LF	@ \$ \$67	= \$	\$ - *
Guardrail End Anchorage		EA	@ \$ \$1,978	= \$	\$ - *
Guardrail Impact Attenuator		EA	@ \$ \$3,564	= \$	\$ - *
Sound Barrier Fence		LF	@ \$ \$100	= \$	\$ - *

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price		% Complete	Remaining
- Roadway Improvements							
Bradley Road	1.00	EA	@	\$ 750,000	=	\$ 750,000.00	\$ 750,000.00
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
- Storm Drain Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
FES		EA	@	\$ 250	=	\$	\$ -
36" Corrugated		LF	@	\$ 136	=	\$	\$ -
Channel Rip Rap		CY	@	\$ 98	=	\$	\$ -
Permanent Water Quality		EA	@	\$ 7,500	=	\$	\$ -
- Water System Improvements							
Water Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$	\$ -
Water Main Pipe (Ductile Iron), Size 8"	1,143.00	LF	@	\$ 137	=	\$ 156,591.00	\$ 156,591.00
Gate Valves, 8"	9.00	EA	@	\$ 1,852	=	\$ 16,668.00	\$ 16,668.00
Fire Hydrant Assembly w/ all valves	2.00	EA	@	\$ 6,430	=	\$ 12,860.00	\$ 12,860.00
Water Service Line Installation, including tap and valves	41.00	EA	@	\$ 1,253	=	\$ 51,373.00	\$ 51,373.00
Water Booster Pump Station		EA		650,000			\$ -
Offsite Bore		LF		250			\$ -
Offsite Water 12" (Phase I)		LF		105	=	\$	\$ -
Offsite Water 12" (Phase II)		LF	@	\$ 105	=	\$	\$ -
- Sanitary Sewer Improvements							
Sewer Main Pipe (PVC), Size 8"	885.00	LF	@	\$ 94	=	\$ 83,190.00	\$ 83,190.00
Sanitary Sewer Manhole, Depth < 15 feet	4.00	EA	@	\$ 4,575	=	\$ 18,300.00	\$ 18,300.00
Sanitary Service Line Installation, complete		EA	@	\$ 1,516	=	\$	\$ -
Offsite Sewer (SLB)		EA	@	\$ 94	=	\$	\$ -
Offsite Sewer (South of Fountaine)		EA	@	\$ 94	=	\$	\$ -
- Landscaping (If Applicable)							
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	\$ 300,000	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
***items in this section are not subject to defect warranty financial assurance							
				Section 3 Subtotal	=	\$ 1,088,982.00	1,088,982.00

Financial Assurance Totals	
Engineering construction staking	\$ 2,100,000.00
Total Construction Financial Assurance	\$3,407,119.83
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	3,407,119.83
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	\$41,661.55
(20% of all items identified as public improvements(*). 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 approved Construction Drawings associated with the Project.

Engineer _____ Date _____
(P.E. Seal)

Approved by Owner / Applicant _____ Date _____

Approved by El Paso County Engineer / ECM Administrator _____ Date _____