

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

Updated: 10/2023

PROJECT INFORMATION		
<b>RETREAT AT TIMBERRIDGE FILING NO. 3</b>	<b>5/15/2024</b>	<b>SF-2241</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	
<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		CY	\$ 5.00	=	\$ -		\$ -	
20,001-50,000; \$100,000 min	45000.	CY	\$ 3.50	=	\$ 157,500.00		\$ 157,500.00	
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -	
Permanent Erosion Control Blanket	6500.	SY	\$ 9.00	=	\$ 58,500.00		\$ 58,500.00	
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	9.	AC	\$ 2,018.00	=	\$ 18,162.00		\$ 18,162.00	
Permanent Pond/BMP (Rain Garden 1)	1.	EA	\$ 30,000.00	=	\$ 30,000.00		\$ 30,000.00	
Concrete Washout Basin		EA	\$ 1,172.00	=	\$ -		\$ -	
Inlet Protection	8.	EA	\$ 217.00	=	\$ 1,736.00		\$ 1,736.00	
Rock Check Dam	11.	EA	\$ 651.00	=	\$ 7,161.00		\$ 7,161.00	
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -	
Sediment Basin	2.	EA	\$ 2,294.00	=	\$ 4,588.00		\$ 4,588.00	
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -	
Silt Fence	4000.	LF	\$ 3.00	=	\$ 12,000.00		\$ 12,000.00	
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -	
Straw Bale		EA	\$ 33.00	=	\$ -		\$ -	
Straw Wattle/Rock Sock	45.	LF	\$ 8.00	=	\$ 360.00		\$ 360.00	
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$ -		\$ -	
Vehicle Tracking Control	3.	EA	\$ 3,085.00	=	\$ 9,255.00		\$ 9,255.00	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 12,285.00		\$ 12,285.00
<b>Section 1 Subtotal</b>					=	<b>\$ 311,547.00</b>		<b>\$ 311,547.00</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>							
<b>ROADWAY IMPROVEMENTS</b>							
Construction Traffic Control	1.	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
Aggregate Base Course (135 lbs/cf)	6150.	Tons	\$ 37.00	=	\$ 227,550.00		\$ 227,550.00
Aggregate Base Course (135 lbs/cf)		CY	\$ 66.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	18650.	SY	\$ 25.00	=	\$ 466,250.00		\$ 466,250.00
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	13.	EA	\$ 392.00	=	\$ 5,096.00		\$ 5,096.00
Guide/Street Name Sign	8.	EA	\$ 225.00	=	\$ 1,800.00		\$ 1,800.00
Epoxy Pavement Marking	125.	SF	\$ 17.00	=	\$ 2,125.00		\$ 2,125.00
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Barricade - Type 3	1.	EA	\$ 259.00	=	\$ 259.00		\$ 259.00
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	1350.	LF	\$ 38.00	=	\$ 51,300.00		\$ 51,300.00
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	2620.	LF	\$ 38.00	=	\$ 99,560.00		\$ 99,560.00
10' Regional Multi-use Trail and channel access roads	4000.	SY	\$ 15.00	=	\$ 60,000.00		\$ 60,000.00
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk	1460.	SY	\$ 94.00	=	\$ 137,240.00		\$ 137,240.00
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp	2.	EA	\$ 1,496.00	=	\$ 2,992.00		\$ 2,992.00
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)	60.	LF	\$ 119.00	=	\$ 7,140.00		\$ 7,140.00
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)	425.	LF	\$ 65.00	=	\$ 27,625.00		\$ 27,625.00
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage	4.	EA	\$ 2,731.00	=	\$ 10,924.00		\$ 10,924.00
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**

**RETREAT AT TIMBERRIDGE FILING NO. 3**

**5/15/2024**

**SF-2241**

**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 ( 12' W x 6' H )	130.	LF	\$ 1,000.00	=	\$ 130,000.00		\$ 130,000.00	
Concrete Box Culvert (Excavation / Backfill)	1.	LS	\$ 75,000.00	=	\$ 75,000.00		\$ 75,000.00	
18" Reinforced Concrete Pipe	415.	LF	\$ 82.00	=	\$ 34,030.00		\$ 34,030.00	
24" Reinforced Concrete Pipe	380.	LF	\$ 98.00	=	\$ 37,240.00		\$ 37,240.00	
30" Reinforced Concrete Pipe	875.	LF	\$ 123.00	=	\$ 107,625.00		\$ 107,625.00	
36" Reinforced Concrete Pipe	835.	LF	\$ 151.00	=	\$ 126,085.00		\$ 126,085.00	
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 = 18" <i>(unit cost = 6x pipe unit cost)</i>	1.	EA	\$ 492.00	=	\$ 492.00		\$ 492.00	
Flared End Section (FES) RCP Size = 24" <i>(unit cost = 6x pipe unit cost)</i>	2.	EA	\$ 588.00	=	\$ 1,176.00		\$ 1,176.00	
Flared End Section (FES) RCP Size = 36" <i>(unit cost = 6x pipe unit cost)</i>	1.		\$ 906.00	=	\$ 906.00		\$ 906.00	
Headwall - Concrete Box Culvert	1.	EA	\$ 50,000.00	=	\$ 50,000.00		\$ 50,000.00	
Wingwall - Concrete Box Culvert	1.	EA	\$ 150,000.00	=	\$ 150,000.00		\$ 150,000.00	
Railing - Concrete Box Culvert	290.	EA	\$ 28.00	=	\$ 8,120.00		\$ 8,120.00	
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 7,212.00	=	\$ -		\$ -	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	3.	EA	\$ 9,377.00	=	\$ 28,131.00		\$ 28,131.00	
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'	1.	EA	\$ 13,835.00	=	\$ 13,835.00		\$ 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	3.	EA	\$ 15,130.00	=	\$ 45,390.00		\$ 45,390.00	
Storm Sewer Manhole, Slab Base	9.	EA	\$ 8,322.00	=	\$ 74,898.00		\$ 74,898.00	
Geotextile (Erosion Control) TRM in channel	635.	SY	\$ 9.00	=	\$ 5,715.00		\$ 5,715.00	
Rip Rap, d50 size from 6" to 24"	800.	Tons	\$ 104.00	=	\$ 83,200.00		\$ 83,200.00	
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, Sheet Pile Structure	1.	EA	\$ 45,000.00	=	\$ 45,000.00		\$ 45,000.00	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>								
<b>Section 2 Subtotal</b>					<b>=</b>	<b>\$ 2,121,704.00</b>		<b>\$ 2,121,704.00</b>

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**PROJECT INFORMATION**

<b>RETREAT AT TIMBERRIDGE FILING NO. 3</b>	<b>5/15/2024</b>	<b>SF-2241</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	
<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"	270.	LF	\$ 84.00	=	\$ 22,680.00		\$ 22,680.00	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$ -		\$ -	
Gate Valves, 8"	5.	EA	\$ 2,418.00	=	\$ 12,090.00		\$ 12,090.00	
Fire Hydrant Assembly, w/ all valves	4.	EA	\$ 8,584.00	=	\$ 34,336.00		\$ 34,336.00	
Water Service Line Installation, inc. tap and valves	28.	EA	\$ 1,723.00	=	\$ 48,244.00		\$ 48,244.00	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>SANITARY SEWER IMPROVEMENTS</b>								
Sewer Main Pipe (PVC), Size 8"	185.	LF	\$ 84.00	=	\$ 15,540.00		\$ 15,540.00	
Sanitary Sewer Manhole, Depth < 15 feet	1.	EA	\$ 5,708.00	=	\$ 5,708.00		\$ 5,708.00	
Sanitary Service Line Installation, complete	28.	EA	\$ 1,825.00	=	\$ 51,100.00		\$ 51,100.00	
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)</b>								
Fencing (3-rail) along Vollmer and Arroya	520.	EA	\$ 35.00	=	\$ 18,200.00		\$ 18,200.00	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
<b>Section 3 Subtotal</b>					<b>=</b>	<b>\$ 207,898.00</b>		<b>\$ 207,898.00</b>

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

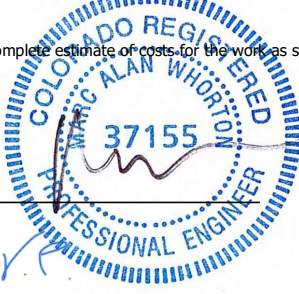
**PROJECT INFORMATION**

<b>RETREAT AT TIMBERRIDGE FILING NO. 3</b>	<b>5/15/2024</b>	<b>SF-2241</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)			\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,000.00	=	\$ 2,000.00		\$ 2,000.00
<b>Total Construction Financial Assurance</b>						<b>\$</b>	<b>2,648,149.00</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>\$</b>	<b>2,648,149.00</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>\$</b>	<b>477,173.20</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.



5/15/2024

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Engineer (P.E. Seal Required)

*[Signature]*

Approved by Owner / Applicant

3/14/2024

Date

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Approved by El Paso County Engineer / ECM Administrator

Date