

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

Updated: 12/8/2022

PROJECT INFORMATION		
Winsome Filing No. 3-Final Plat	5/26/2023	SF-22-009
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		CY	\$ 5.00	= \$ -		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	= \$ -		\$ -
50,001-200,000; \$175,000 min	90,985	CY	\$ 2.50	= \$ 227,462.50		\$ 227,462.50
greater than 200,000; \$500,000 min		CY	\$ 2.00	= \$ -		\$ -
Permanent Erosion Control Blanket	13,193.0	SY	\$ 8.00	= \$ 105,544.00		\$ 105,544.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	22.0	AC	\$ 1,875.00	= \$ 41,250.00		\$ 41,250.00
Permanent Pond/BMP (Outlet Structure)	5	EA	\$ 17,000.00	= \$ 85,000.00		\$ 85,000.00
Permanent Pond/BMP (Micropool)	4	EA	\$ 10,000.00	= \$ 40,000.00		\$ 40,000.00
Permanent Pond/Trickle Channel	780	LF	\$ 50.00	= \$ 39,000.00		\$ 39,000.00
Permanent Pond/Emergency Spillway	811	CY	\$ 116.00	= \$ 94,076.00		\$ 94,076.00
Permanent Pond/Maintenance Road	245	CY	\$ 56.00	= \$ 13,720.00		\$ 13,720.00
Permanent Pond/Concrete Forebay	1	EA	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
Concrete Washout Basin	1	EA	\$ 1,089.00	= \$ 1,089.00		\$ 1,089.00
Inlet Protection	14	EA	\$ 202.00	= \$ 2,828.00		\$ 2,828.00
Rock Check Dam		EA	\$ 605.00	= \$ -		\$ -
Safety Fence		LF	\$ 3.00	= \$ -		\$ -
Sediment Basin	4	EA	\$ 2,132.00	= \$ 8,528.00		\$ 8,528.00
Sediment Trap		EA	\$ 500.00	= \$ -		\$ -
Silt Fence	11,287	LF	\$ 3.00	= \$ 33,861.00		\$ 33,861.00
Slope Drain		LF	\$ 40.00	= \$ -		\$ -
Straw Bale		EA	\$ 31.00	= \$ -		\$ -
Straw Wattle/Rock Sock	4,300	LF	\$ 7.00	= \$ 30,100.00		\$ 30,100.00
Surface Roughening		AC	\$ 250.00	= \$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	= \$ -		\$ -
Temporary Seeding and Mulching		AC	\$ 1,666.00	= \$ -		\$ -
Vehicle Tracking Control	2	EA	\$ 2,867.00	= \$ 5,734.00		\$ 5,734.00
Rock Sill	18	EA	\$ 5,000.00	= \$ 90,000.00		\$ 90,000.00
Rock Chutes	11	EA	\$ 18,000.00	= \$ 198,000.00		\$ 198,000.00
18" Reinforced Concrete Pipe	39	LF	\$ 76.00	= \$ 2,964.00		\$ 2,964.00
36" Reinforced Concrete Pipe	65	LF	\$ 140.00	= \$ 9,100.00		\$ 9,100.00
42" Reinforced Concrete Pipe	96	LF	\$ 187.00	= \$ 17,952.00		\$ 17,952.00
48" Reinforced Concrete Pipe	64	LF	\$ 228.00	= \$ 14,592.00		\$ 14,592.00
18" Flared End Section (FES) RCP	1	EA	\$ 456.00	= \$ 456.00		\$ 456.00
36" Flared End Section (FES) RCP	1	EA	\$ 840.00	= \$ 840.00		\$ 840.00
42" Flared End Section (FES) RCP	1	EA	\$ 1,122.00	= \$ 1,122.00		\$ 1,122.00
48" Flared End Section (FES) RCP	1	EA	\$ 1,368.00	= \$ 1,368.00		\$ 1,368.00
Rip Rap, d50 size from 6" to 24"	138.0	TON	\$ 97.00	= \$ 13,386.00		\$ 13,386.00
MAINTENANCE (35% of Construction BMPs)				=	\$ 28,749.00	\$ 28,749.00
Section 1 Subtotal				=	\$ 1,116,721.50	\$ 1,116,721.50

SECTION 2 - PUBLIC IMPROVEMENTS *

Construction Traffic Control		LS		=	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)	5,374.0	CY	\$ 61.00	=	\$ 327,814.00	\$ 327,814.00
Asphalt Pavement (3" thick)	31,266.0	SY	\$ 17.00	=	\$ 531,522.00	\$ 531,522.00
Asphalt Pavement (4" thick)		SY	\$ 23.00	=	\$ -	\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	=	\$ -	\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 106.00	=	\$ -	\$ -
Raised Median, Paved		SF	\$ 10.00	=	\$ -	\$ -
Regulatory Sign/Advisory Sign	1.0	EA	\$ 364.00	=	\$ 364.00	\$ 364.00
Guide/Street Name Sign	2.0	EA	\$ 215.00	=	\$ 430.00	\$ 430.00
Epoxy Pavement Marking		SF	\$ 16.00	=	\$ -	\$ -
Thermoplastic Pavement Marking		SF	\$ 28.00	=	\$ -	\$ -
Barricade - Type 3		EA	\$ 241.00	=	\$ -	\$ -
Delineator - Type I		EA	\$ 29.00	=	\$ -	\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 35.00	=	\$ -	\$ -
Curb and Gutter, Type B (Median)		LF	\$ 35.00	=	\$ -	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	=	\$ -	\$ -
4" Sidewalk (common areas only)		SY	\$ 58.00	=	\$ -	\$ -
5" Sidewalk		SY	\$ 72.00	=	\$ -	\$ -
6" Sidewalk		SY	\$ 87.00	=	\$ -	\$ -
8" Sidewalk		SY	\$ 116.00	=	\$ -	\$ -
Pedestrian Ramp		EA	\$ 1,390.00	=	\$ -	\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 73.00	=	\$ -	\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 111.00	=	\$ -	\$ -
Curb Opening with Drainage Chase		EA	\$ 1,790.00	=	\$ -	\$ -
Guardrail Type 3 (W-Beam)	663.0	LF	\$ 60.00	=	\$ 39,780.00	\$ 39,780.00
Guardrail Type 7 (Concrete)		LF	\$ 87.00	=	\$ -	\$ -
Guardrail End Anchorage	4.0	EA	\$ 2,538.00	=	\$ 10,152.00	\$ 10,152.00
Guardrail Impact Attenuator		EA	\$ 4,556.00	=	\$ -	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 95.00	=	\$ -	\$ -

PROJECT INFORMATION

Winsome Filing No. 3-Final Plat 5/26/2023 SF-22-009
 Project Name Date PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
Sound Barrier Fence (panels, 6' high)		LF	\$ 97.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 20.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Concrete Box Culvert (M Standard), Size (12' x 7')	294	LF	\$ 950.00	=	\$ 279,300.00		\$ 279,300.00
18" Reinforced Concrete Pipe	87	LF	\$ 76.00	=	\$ 6,612.00		\$ 6,612.00
24" Reinforced Concrete Pipe	65	LF	\$ 91.00	=	\$ 5,915.00		\$ 5,915.00
30" Reinforced Concrete Pipe	164	LF	\$ 114.00	=	\$ 18,696.00		\$ 18,696.00
36" Reinforced Concrete Pipe	209	LF	\$ 140.00	=	\$ 29,260.00		\$ 29,260.00
42" Reinforced Concrete Pipe	136	LF	\$ 187.00	=	\$ 25,432.00		\$ 25,432.00
48" Reinforced Concrete Pipe	123	LF	\$ 228.00	=	\$ 28,044.00		\$ 28,044.00
54" Reinforced Concrete Pipe		LF	\$ 297.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 348.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 402.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 460.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 98.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 112.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 143.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 171.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 197.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 207.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 304.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 328.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 397.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 467.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 537.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 642.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 18 <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 456.00	=	\$ 912.00		\$ 912.00
Flared End Section (FES) RCP Size = 24 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 546.00	=	\$ 546.00		\$ 546.00
Flared End Section (FES) RCP Size = 30 <small>(unit cost = 6x pipe unit cost)</small>	4	EA	\$ 684.00	=	\$ 2,736.00		\$ 2,736.00
Flared End Section (FES) RCP Size = 36 <small>(unit cost = 6x pipe unit cost)</small>	4	EA	\$ 840.00	=	\$ 3,360.00		\$ 3,360.00
Flared End Section (FES) RCP Size = 42 <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 1,122.00	=	\$ 2,244.00		\$ 2,244.00
Flared End Section (FES) CSP Size = 48 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 1,368.00	=	\$ 1,368.00		\$ 1,368.00
End Treatment- Headwall	4	EA	\$ 4,000.00	=	\$ 16,000.00		\$ 16,000.00
End Treatment- Wingwall	8	EA	\$ 6,100.00	=	\$ 48,800.00		\$ 48,800.00
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,703.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 8,715.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 10,092.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 9,224.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 9,507.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 11,901.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 11,995.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 12,858.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 14,061.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 12,783.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 14,109.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,611.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,931.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 14,061.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 7,734.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 8.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	2,513.0	Tons	\$ 97.00	=	\$ 243,761.00		\$ 243,761.00
Rip Rap, Grouted		Tons	\$ 115.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 689.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 135.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,776.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -

PROJECT INFORMATION		
Winsome Filing No. 3-Final Plat	5/26/2023	SF-22-009
Project Name	Date	PCD File No.

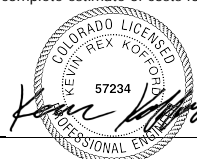
Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
Section 2 Subtotal				= \$	1,623,048.00	\$ 1,623,048.00
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**						

15' Wide, 6" Deep Aggregate Maintenance Path	1,070	CY	\$ 61.00	= \$	65,270.00	\$ 65,270.00
6" Trail	109	CY	\$ 61.00	= \$	6,649.00	\$ 6,649.00
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 78.00	= \$	-	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	= \$	-	\$ -
Gate Valves, 8"		EA	\$ 2,247.00	= \$	-	\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,978.00	= \$	-	\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,601.00	= \$	-	\$ -
Fire Cistern Installation, complete	1	EA	\$ 35,000.00	= \$	35,000.00	\$ 35,000.00
				= \$	-	\$ -
				= \$	-	\$ -
[insert items not listed but part of construction plans]						
				= \$	-	\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"		LF	\$ 78.00	= \$	-	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,305.00	= \$	-	\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,696.00	= \$	-	\$ -
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		= \$	-	\$ -
** - Section 3 is not subject to defect warranty requirements						
Section 3 Subtotal				= \$	106,919.00	\$ 106,919.00

AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)	LS	\$ 20,000.00	= \$	20,000.00	\$ 20,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)	LS	\$ 15,000.00	= \$	15,000.00	\$ 15,000.00
Total Construction Financial Assurance					\$ 2,881,688.50
(Sum of all section subtotals plus as-builts and pond/BMP certification)					
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)					\$ 2,881,688.50
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)					
Total Defect Warranty Financial Assurance					\$ 416,460.90
(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)

Joseph W. Desjardin

05/26/2023

Date

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date