

2019 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 7/16/2019

PROJECT INFORMATION			
Glen at Wildfield Filing 11	1/7/2021	XX-XX-XXX	
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	82,473	CY	\$ 2.50	=	\$ 206,182.50		\$ 206,182.50
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmt.)	2.5	AC	\$ 800.00	=	\$ 2,000.00		\$ 2,000.00
* Mulching	3.0	AC	\$ 750.00	=	\$ 2,250.00		\$ 2,250.00
* Permanent Erosion Control Blanket	352	SY	\$ 6.00	=	\$ 2,112.00		\$ 2,112.00
* Permanent Pond/BMP Construction		CY	\$ 20.00	=	\$ -		\$ -
* Permanent Pond/BMP (Spillway)		EA	\$ 3,500.00	=	\$ -		\$ -
* Permanent Pond/BMP (Outlet Structure)		EA	\$ 9,800.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control	2	EA	\$ 2,370.00	=	\$ 4,740.00		\$ 4,740.00
Silt Fence	17,500	LF	\$ 2.50	=	\$ 43,750.00		\$ 43,750.00
Temporary Seeding	29	AC	\$ 628.00	=	\$ 18,400.40		\$ 18,400.40
Temporary Mulch	29	AC	\$ 750.00	=	\$ 21,975.00		\$ 21,975.00
Erosion Bales		EA	\$ 25.00	=	\$ -		\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$ -		\$ -
Rock Check Dams		EA	\$ 500.00	=	\$ -		\$ -
Inlet Protection	16	EA	\$ 167.00	=	\$ 2,672.00		\$ 2,672.00
Sediment Basin		EA	\$ 1,762.00	=	\$ -		\$ -
Concrete Washout Basin	2	EA	\$ 900.00	=	\$ 1,800.00		\$ 1,800.00
Rough Cut Street Control	1,170	LF	\$ 2.00	=	\$ 2,340.00		\$ 2,340.00
[insert items not listed but part of construction plans]				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					\$ 33,487.09		\$ 33,487.09
Section 1 Subtotal					\$ 341,708.99		\$ 341,708.99
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	15,532.80	Tons	\$ 28.00	=	\$ 434,918.51		\$ 434,918.51
Aggregate Base Course (135 lbs/cf)		CY	\$ 50.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 19.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 29.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick	7,191.00	Tons	\$ 88.00	=	\$ 632,808.00		\$ 632,808.00
Raised Median, Paved		SF	\$ 8.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	6	EA	\$ 300.00	=	\$ 1,800.00		\$ 1,800.00
Guide/Street Name Sign	8	EA		=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 13.00	=	\$ -		\$ -
Thermoplastic Pavement Marking	724.00	SF	\$ 23.00	=	\$ 16,652.00		\$ 16,652.00
Barricade - Type 3	6	EA	\$ 200.00	=	\$ 1,200.00		\$ 1,200.00
Delineator - Type I		EA	\$ 24.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	2,710	LF	\$ 30.00	=	\$ 81,300.00		\$ 81,300.00
Curb and Gutter, Type B (Median)		LF	\$ 30.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	8,169	LF	\$ 30.00	=	\$ 245,070.00		\$ 245,070.00
4" Sidewalk (common areas only)		SY	\$ 48.00	=	\$ -		\$ -
5" Sidewalk	6,719	SY	\$ 60.00	=	\$ 403,140.00		\$ 403,140.00
6" Sidewalk		SY	\$ 72.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 96.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,150.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)	976.00	LF	\$ 61.00	=	\$ 59,536.00		\$ 59,536.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 92.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,480.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 49.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 72.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,098.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 3,767.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 78.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 80.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 16.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 425,000	=	\$ -		\$ -

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

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Glen at Widefield Filing 11		1/7/2021		XX-XX-XXX
Project Name		Date		PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	553	LF	\$ 72.00	=	\$ 39,816.00		\$ 39,816.00
21" Reinforced Concrete Pipe	471	LF	\$ 84.00	=	\$ 39,564.00		\$ 39,564.00
24" Reinforced Concrete Pipe	727	LF	\$ 78.00	=	\$ 56,706.00		\$ 56,706.00
27" Reinforced Concrete Pipe	327	LF	\$ 102.00	=	\$ 33,354.00		\$ 33,354.00
30" Reinforced Concrete Pipe	352	LF	\$ 102.00	=	\$ 35,904.00		\$ 35,904.00
33" Reinforced Concrete Pipe	989	LF	\$ 116.00	=	\$ 114,724.00		\$ 114,724.00
36" RCP CI III	510	LF	\$ 128.00	=	\$ 65,280.00		\$ 65,280.00
36" RCP CL IV	432	LF	\$ 142.00	=	\$ 61,344.00		\$ 61,344.00
48" Equiv HERCP (60"x38")	102	LF	\$ 140.00	=	\$ 14,280.00		\$ 14,280.00
24"x36" Concrete Box Culvert	180	LF	\$ 160.00	=	\$ 28,800.00		\$ 28,800.00
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 332.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 380.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 84.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 18" (unit cost = 6x pipe unit cost)	1	EA	\$ 504.00	=	\$ 504.00		\$ 504.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall	2	EA	\$ 1,200.00	=	\$ 2,400.00		\$ 2,400.00
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type D-10-R) L=5', Depth < 5'	1	EA	\$ 5,542.00	=	\$ 5,542.00		\$ 5,542.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$ -		\$ -
Curb Inlet (Type R) L =4', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$ -		\$ -
Curb Inlet (Type R) L =8', Depth < 5'	12	EA	\$ 7,627.00	=	\$ 91,524.00		\$ 91,524.00
Curb Inlet (Type R) L =8', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$ -		\$ -
Curb Inlet (Type R) L =8', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$ -		\$ -
Curb Inlet (Type R) L =12', Depth < 5'		EA	\$ 9,918.00	=	\$ -		\$ -
Curb Inlet (Type R) L =12', 5' ≤ Depth < 10'		EA	\$ 10,633.00	=	\$ -		\$ -
Curb Inlet (Type R) L =12', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L =16', Depth < 5'	2	EA	\$ 10,570.00	=	\$ 21,140.00		\$ 21,140.00
Curb Inlet (Type R) L =16' Modified, 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,640.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$ -		\$ -
Storm Sewer Manhole, 4' Dia	10	EA	\$ 4,575.00	=	\$ 45,750.00		\$ 45,750.00
Storm Sewer Manhole, 5' Dia	12	EA	\$ 4,925.00	=	\$ 59,100.00		\$ 59,100.00
Storm Sewer Manhole, 6' Dia	2	EA	\$ 5,425.00	=	\$ 10,850.00		\$ 10,850.00
Geotextile (Erosion Control)	2,416	SY	\$ 6.00	=	\$ 14,496.00		\$ 14,496.00
Rip Rap, d50 size from 6" to 24"	18	Tons	\$ 80.00	=	\$ 1,440.00		\$ 1,440.00
Rip Rap, Grouted		Tons	\$ 95.00	=	\$ -		\$ -
Drainage Channel Construction, Size (18 x 2)	265	LF	\$ 28.00	=	\$ 7,420.00		\$ 7,420.00
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap	8	CY	\$ 112.00	=	\$ 896.00		\$ 896.00

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Project Name		Date		PCD File No.			

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
				Section 3 Subtotal	= \$ 1,231,334.00		\$ 1,231,334.00
<div style="font-size: small; color: red;">** - Section 3 is not subject to defect warranty requirements</div>							
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 5,500.00	=	\$ 5,500.00		\$ 5,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 1.00	=	\$ 1.00		\$ 1.00
Total Construction Financial Assurance						\$ 4,205,802.50	
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 4,205,802.50	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$ 567,960.60	
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)							

Approvals	
<p>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.</p>	
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Engineer (P.E. Seal Required)	Date
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date