

2015 Financial Assurance  
Estimate Form (with pre-plat construction)

11-26-18

<b>Project Information</b>	
Gleneagle Residential Infill Development Fil #2 lots 1-12	11/26/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*	2,000.00	CY	@ \$ 5	= \$ 10,000.00		\$ 10,000.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	6.79	AC	@ \$ 582	= \$ 3,951.78		\$ 3,951.78 *
Mulching*	6.79	AC	@ \$ 507	= \$ 3,442.53		\$ 3,442.53 *
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		LF	@ \$ 3	= \$		\$ -
Silt Fence	4,050.00	LF	@ \$ 4	= \$ 16,200.00		\$ 16,200.00
Temporary Seeding	5.00	AC	@ \$ 485	= \$ 2,425.00		\$ 2,425.00
Temporary Mulch	5.00	AC	@ \$ 507	= \$ 2,535.00		\$ 2,535.00
Erosion Bales	28.00	EA	@ \$ 21	= \$ 588.00		\$ 588.00
Erosion Logs		LF	@ \$ 6	= \$		\$ -
Rock Ditch Checks		EA	@ \$	= \$		\$ -
Inlet Protection	1.00	EA	@ \$ 153	= \$ 153.00		\$ 153.00
Sediment Basin	1.00	EA	@ \$ 1,625	= \$ 1,625.00		\$ 1,625.00
Concrete Washout Basin	1.00	EA	@ \$ 776	= \$ 776.00		\$ 776.00
		@ \$	= \$			\$ -
* 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.						
<b>Section 1 Subtotal</b>				= \$ 43,321.31		\$ 43,321.31

Final

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
Construction Traffic Control	1.00	LS	@ \$ 1,000	= \$ 1,000.00		\$ 1,000.00 *
Aggregate Base Course	850.00	Tons	@ \$ 18	= \$ 15,300.00		\$ 15,300.00 *
Asphalt Pavement	487.00	Tons	@ \$ 65	= \$ 31,655.00		\$ 31,655.00 *
Raised Median, Paved		SF	@ \$ 7	= \$		\$ - *
Electrical Conduit, Size =		LF	@ \$ 14	= \$		\$ - *
Traffic Signal, complete intersection		EA	@ \$ 250,000	= \$		\$ - *
Regulatory Sign	1.00	EA	@ \$ 100	= \$ 100.00		\$ 100.00 *
Advisory Sign		EA	@ \$ 100	= \$		\$ - *
Guide/Street Name Sign	1.00	EA	@ \$	= \$		\$ - *
Epoxy Pavement Marking		SF	@ \$ 12	= \$		\$ - *
Thermoplastic Pavement Marking	192.00	SF	@ \$ 22	= \$ 4,224.00		\$ 4,224.00 *
Barricade - Type 3		EA	@ \$ 115	= \$		\$ - *
Delineator (Type I)		EA	@ \$ 21	= \$		\$ - *
Curb and Gutter, Type C (Ramp)	1,348.00	LF	@ \$ 21	= \$ 28,308.00		\$ 28,308.00 *
Curb and Gutter, Type A (6" Vertical)	20.00	LF	@ \$ 16	= \$ 320.00		\$ 320.00 *
Curb and Gutter, Type B (Median)	1,507.00	LF	@ \$ 13	= \$ 19,591.00		\$ 19,591.00 *
Pedestrian Ramp	108.00	SY	@ \$ 108	= \$ 11,664.00		\$ 11,664.00 *

Please use the form from the El Paso County website dated 11/14/18, it has the correct language.

Cross Pan		SY	@	\$	\$53	=	\$		\$	-	*
Curb Chase <b>Revise to curb inlets</b>	2.00	EA	@	\$	\$1,300	=	\$	2,600.00	\$	2,600.00	*
Concrete Sidewalk	6,280.00	SF	@	\$	\$3	=	\$	18,840.00	\$	18,840.00	*
Guardrail Type 7 (Concrete)		LF	@	\$	\$67	=	\$		\$	-	*
Guardrail End Anchorage		EA	@	\$	\$1,978	=	\$		\$	-	*
Guardrail Impact Attenuator		EA	@	\$	\$3,564	=	\$		\$	-	*
Sound Barrier Fence		LF	@	\$	\$100	=	\$		\$	-	*
<b>- Storm Drain Improvements</b>											
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$		=	\$		\$	-	*
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$		\$	-	*
18" Reinforced Concrete Pipe		LF	@	\$	\$69	=	\$		\$	-	*
24" Reinforced Concrete Pipe	100.00	LF	@	\$	\$84	=	\$	8,400.00	\$	8,400.00	*
30" Reinforced Concrete Pipe	332.00	LF	@	\$	\$94	=	\$	31,208.00	\$	31,208.00	*
36" Reinforced Concrete Pipe		LF	@	\$	\$124	=	\$		\$	-	*
42" Reinforced Concrete Pipe		LF	@	\$	\$134	=	\$		\$	-	*
48" Reinforced Concrete Pipe		LF	@	\$	\$178	=	\$		\$	-	*
54" Reinforced Concrete Pipe		LF	@	\$	\$182	=	\$		\$	-	*
60" Reinforced Concrete Pipe		LF	@	\$	\$216	=	\$		\$	-	*
66" Reinforced Concrete Pipe		LF	@	\$	\$263	=	\$		\$	-	*
72" Reinforced Concrete Pipe		LF	@	\$	\$283	=	\$		\$	-	*
Corrugated Steel Pipe (CSP) Size		LF	@	\$		=	\$		\$	-	*
18" Corrugated Steel Pipe		LF	@	\$	\$66	=	\$		\$	-	*
24" Corrugated Steel Pipe		LF	@	\$	\$96	=	\$		\$	-	*
30" Corrugated Steel Pipe		LF	@	\$	\$101	=	\$		\$	-	*
36" Corrugated Steel Pipe		LF	@	\$	\$136	=	\$		\$	-	*
42" Corrugated Steel Pipe		LF	@	\$	\$147	=	\$		\$	-	*
48" Corrugated Steel Pipe		LF	@	\$	\$169	=	\$		\$	-	*
54" Corrugated Steel Pipe		LF	@	\$	\$193	=	\$		\$	-	*
60" Corrugated Steel Pipe		LF	@	\$	\$227	=	\$		\$	-	*
66" Corrugated Steel Pipe		LF	@	\$	\$278	=	\$		\$	-	*
72" Corrugated Steel Pipe		LF	@	\$	\$330	=	\$		\$	-	*
78" Corrugated Steel Pipe		LF	@	\$	\$381	=	\$		\$	-	*
84" Corrugated Steel Pipe		LF	@	\$	\$432	=	\$		\$	-	*
Flared End Section (FES) RCP 24"	2.00	EA	@	\$	700	=	\$	1,400.00	\$	1,400.00	*
Flared End Section (FES) RCP 30"	2.00	EA	@	\$	800	=	\$	1,600.00	\$	1,600.00	*
End Treatment- Headwall		EA	@	\$		=	\$		\$	-	*
End Treatment- Wingwall		EA	@	\$		=	\$		\$	-	*
End Treatment - Cutoff Wall		EA	@	\$		=	\$		\$	-	*
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$		\$	-	*
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	@	\$	\$5,044	=	\$		\$	-	*
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	\$6,027	=	\$		\$	-	*
Curb Inlet (Type R) L =10' , Depth < 5 feet		EA	@	\$	\$5,528	=	\$		\$	-	*
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$6,694	=	\$		\$	-	*
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$7,500	=	\$		\$	-	*
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$	\$7,923	=	\$		\$	-	*
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	@	\$	\$8,000	=	\$		\$	-	*
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	@	\$	\$8,800	=	\$		\$	-	*
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	@	\$	\$8,000	=	\$		\$	-	*
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	@	\$	\$8,830	=	\$		\$	-	*
Curb Inlet (Type R) L = , ' - ' Depth		EA	@	\$		=	\$		\$	-	*
Curb Inlet (Type R) L = , ' - ' Depth		EA	@	\$		=	\$		\$	-	*
Grated Inlet (Type C), < 5' deep		EA	@	\$	\$3,270	=	\$		\$	-	*
Grated Inlet (Type D), < 5' deep		EA	@	\$	\$3,908	=	\$		\$	-	*
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$	\$8,592	=	\$		\$	-	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$	\$4,575	=	\$		\$	-	*
Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$		\$	-	*
Rip Rap, d50 Size from 6" to 24"		CY	@	\$	\$98	=	\$		\$	-	*
Rip Rap, Grouted		CY	@	\$	\$215	=	\$		\$	-	*
Drainage Channel Construction, Size ( W x H )		LF	@	\$		=	\$		\$	-	*



Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
Concrete Sidewalk		SY @	\$ 38	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
<b>- Storm Drain Improvements</b>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
			5,000	=	\$	\$ -
		LF	\$69	=	\$	\$ -
24" HDPE Pipe	256.00	LF	\$75	=	\$ 19,200.00	\$ 19,200.00
		LF	75	=	\$	\$ -
Flared End Section (FES) HDPE 24"	2.00	EA	500	=	\$ 1,000.00	\$ 1,000.00
		EA	600	=	\$	\$ -
Detention Outlet Structure	1.00	EA	5,000	=	\$ 5,000.00	\$ 5,000.00
Detention Emergency Spillway	1.00	EA @	\$ 1,500	=	\$ 1,500.00	\$ 1,500.00
Rip Rap, d50 Size from 6" to 24"	17.00	CY @	\$ 98	=	\$ 1,666.00	\$ 1,666.00
		@	\$	=	\$	\$ -
<b>- Water System Improvements</b>						
Water Main Pipe (PVC), Size 8"	685.00	LF @	\$ 94	=	\$ 64,390.00	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF @	\$ 137	=	\$	\$ -
Gate Valves, 8"	2.00	EA @	\$ 1,852	=	\$ 3,704.00	\$ -
Fire Hydrant Assembly w/ all valves	1.00	EA @	\$ 6,430	=	\$ 6,430.00	\$ -
Water Service Line Installation, including tap and valves	12.00	EA @	\$ 1,253	=	\$ 15,036.00	\$ 15,036.00
Fire Cistern Installation, complete		EA @	\$	=	\$	\$ -
<b>- Sanitary Sewer Improvements</b>						
Sewer Main Pipe (PVC), Size 8"	646.00	LF @	\$ 94	=	\$ 60,724.00	\$ 60,724.00
Sanitary Sewer Manhole, Depth < 15 feet	3.00	EA @	\$ 4,575	=	\$ 13,725.00	\$ 13,725.00
Sanitary Service Line Installation, complete	12.00	EA @	\$ 1,516	=	\$ 18,192.00	\$ 18,192.00
Sanitary Sewer Lift Station, complete		EA @	\$ 1,516	=	\$	\$ -
<b>- Landscaping (If Applicable)</b>						
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA @	\$	=	\$	\$ -
		EA @	\$	=	\$	\$ -
		EA @	\$	=	\$	\$ -
		EA @	\$	=	\$	\$ -
		EA @	\$	=	\$	\$ -
***items in this section are not subject to defect warranty financial assurance						
<b>Section 3 Subtotal</b>				=	\$ 210,567.00	136,043.00



# Markup Summary

---

Steve Kuehster (7)

---

incial assurance. DC  
COMPLETE. A  
up to preliminary

**Subject:** Pen  
**Page Label:** 1  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:23:04 PM  
**Color:** ■

Final

**Subject:** text box  
**Page Label:** 1  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:23:37 PM  
**Color:** ■

Final

al assurance. DO  
COMPLETE. A  
up to preliminary  
d sections, multiply

**Subject:** Pen  
**Page Label:** 3  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:24:18 PM  
**Color:** ■

Final

**Subject:** text box  
**Page Label:** 3  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:28:47 PM  
**Color:** ■

Final

1 Pan  
Chase  
1818 12/18/18  
2018 Type 7 (Concrete)  
2018 End Anchorage  
2018 Impact Attenuator  
4 Banner Fence

**Subject:** text box  
**Page Label:** 2  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:33:13 PM  
**Color:** ■

Revise to curb inlets

VR-18-018

11-26-18

**Subject:** text box  
**Page Label:** 1  
**Author:** Steve Kuehster  
**Date:** 1/28/2019 1:34:14 PM  
**Color:** ■

VR-18-018



**Subject:** arrow & box  
**Page Label:** 1  
**Author:** Steve Kuehster  
**Date:** 1/29/2019 11:54:38 AM  
**Color:** ■

Please use the form from the El Paso County website dated 11/14/18, it has the correct language.