

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

8/6/2015

Project Information	
The Glen at Widefield Filing No. 9	6/8/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork* (638,912 x 20%)		CY	@ \$ \$5		\$ - *
Permanent Seeding*	0.10	AC	@ \$ \$582	\$ 58.20	\$ 58.20 *
Mulching*	0.10	AC	@ \$ \$507	\$ 50.70	\$ 50.70 *
Permanent Erosion Control Blanket*	7,655.00	SY	@ \$ \$6	\$ 45,930.00	\$ 45,930.00 *
Temporary Erosion Control Blanket		SY	@ \$ \$3		\$ -
Vehicle Tracking Control	3.00	EA	@ \$ \$1,625	\$ 4,875.00	\$ 4,875.00
Safety Fence		LF	@ \$ \$3		\$ -
Silt Fence	2,450.00	LF	@ \$ \$4	\$ 9,800.00	\$ 9,800.00
Temporary Seeding		AC	@ \$ \$485		\$ -
Temporary Mulch		AC	@ \$ \$507		\$ -
Erosion Bales		EA	@ \$ \$21		\$ -
Erosion Logs		LF	@ \$ \$6		\$ -
Rock Ditch Checks		EA	@ \$		\$ -
Inlet Protection	11.00	EA	@ \$ \$153	\$ 1,683.00	\$ 1,683.00
Sediment Basin	1.00	EA	@ \$ \$1,625	\$ 1,625.00	\$ 1,625.00
Concrete Washout Basin	2.00	EA	@ \$ \$776	\$ 1,552.00	\$ 1,552.00
Rough Curb Street Control	670.00	LF	@ \$ \$2	\$ 1,340.00	\$ 1,340.00
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process.					
Section 1 Subtotal				\$ 66,913.90	\$ 66,913.90

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
Construction Traffic Control		LS @	\$	\$	\$ -
Aggregate Base Course	6,402.29	Tons @	\$ \$18	\$ 115,241.29	\$ 115,241.29
Asphalt Pavement	3,201.15	Tons @	\$ \$65	\$ 208,074.55	\$ 208,074.55
Raised Median, Paved		SF @	\$ \$7	\$	\$ -
Electrical Conduit, Size =		LF @	\$ \$14	\$	\$ -
Traffic Signal, complete intersection		EA @	\$ \$250,000	\$	\$ -
Regulatory Sign	7.00	EA @	\$ \$100	\$ 700.00	\$ 700.00
Advisory Sign		EA @	\$ \$100	\$	\$ -
Guide/Street Name Sign	7.00	EA @	\$ \$50	\$ 350.00	\$ 350.00
Epoxy Pavement Marking	1,987.67	SF @	\$ \$12	\$ 23,852.04	\$ 23,852.04
Thermoplastic Pavement Marking	210.00	SF @	\$ \$22	\$ 4,620.00	\$ 4,620.00
Barricade - Type 3	2.00	EA @	\$ \$115	\$ 230.00	\$ 230.00
Delineator (Type I)		EA @	\$ \$21	\$	\$ -
Curb and Gutter, Type C (Ramp)	9,933.00	LF @	\$ \$21	\$ 208,593.00	\$ 208,593.00
Curb and Gutter, Type A (6" Vertical)	470.00	LF @	\$ \$16	\$ 7,520.00	\$ 7,520.00
Curb and Gutter, Type B (Median)		LF @	\$ \$13	\$	\$ -
Pedestrian Ramp	149.37	SY @	\$ \$108	\$ 16,131.96	\$ 16,131.96
Concrete Sidewalk	5,682.00	SY @	\$ \$38	\$ 215,916.00	\$ 215,916.00
Cross Pan	328.30	SY @	\$ \$53	\$ 17,399.90	\$ 17,399.90
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	\$	\$ -
- Storm Drain Improvements					
Concrete Box Culvert (M Standard), Size (W x H)		LF @	\$	\$	\$ -
Reinforced Concrete Pipe (RCP) Size		LF @	\$	\$	\$ -
18" Reinforced Concrete Pipe	520.00	LF @	\$ \$69	\$ 35,880.00	\$ 35,880.00
24" Reinforced Concrete Pipe		LF @	\$ \$84	\$	\$ -
30" Reinforced Concrete Pipe		LF @	\$ \$94	\$	\$ -
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	\$	\$ -
43"x68"Horiz. Ell. Reinforced Concrete Pipe		LF @	\$ \$190	\$	\$ -
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" † 24"		EA @	\$ \$900	\$	\$ -
Flared End Section (FES) RCP 30" † 30"		EA @	\$ \$1,000	\$	\$ -

Flared End Section (FES) RCP 36" † 36"		EA	@	\$	\$1,200	=	\$	\$	-	*
Flared End Section (FES) HERCP 43"x68" † 43"x63"		EA	@	\$	\$1,500	=	\$	\$	-	*
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	1.00	EA	@	\$	\$6,694	=	\$	6,694.00	6,694.00	*
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=25', <5' Depth		EA	@	\$	\$9,000	=	\$	\$	-	*
Curb Inlet (Type R) L=25', 5' - 10' Depth		EA	@	\$	\$10,000	=	\$	\$	-	*
Curb Inlet (Type R Modified) L=25', 5' - 10' Depth		EA	@	\$	\$13,500	=	\$	\$	-	*
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	3.00	EA	@	\$	\$4,575	=	\$	13,725.00	13,725.00	*
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	@	\$		=	\$	\$	-	*
Channel Lining, Concrete (Trickle Channel)		CY	@	\$	\$450	=	\$	\$	-	*
Channel Lining, Rip Rap		CY	@	\$	\$98	=	\$	\$	-	*
Channel Lining, Grass		AC	@	\$	\$1,287	=	\$	\$	-	*
Concrete Cutoff Wall (30" RCP FES)		EA	@	\$	\$500	=	\$	\$	-	*
Detention Outlet Structure		EA	@	\$	\$12,000	=	\$	\$	-	*
Detention Emergency Spillway		EA	@	\$	\$18,300	=	\$	\$	-	*
Presedimentation Forebay		EA	@	\$	\$7,000	=	\$	\$	-	*
Gravel Maintenance Access Trail		SY	@	\$	\$20	=	\$	\$	-	*
Type II Bedding		CY	@	\$	\$35	=	\$	\$	-	*
Detention Basin Seeding and Mulch		AC	@	\$	\$520	=	\$	\$	-	*
Permanent Water Quality Facility (Describe)		EA	@	\$		=	\$	\$	-	*
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process. † For flared end sections, multiply pipe LF cost by 6										
Section 2 Subtotal							=	\$	874,927.73	874,927.73 **

Identify what this quantity is.

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$
		@	\$	=	\$
		@	\$	=	\$
	5,682.00	@	\$ 38	=	\$ 215,916.00
		@	\$	=	\$
		@	\$	=	\$
- Storm Drain Improvements					
Channel Lining, Concrete (Trickle Channel)	20.00	CY	@ \$ 450	=	\$ 9,000.00
Channel Lining, Rip Rap	62.00	CY	@ \$ 98	=	\$ 6,076.00
Concrete Cutoff Wall (30" RCP FES)	1.00	EA	@ \$ 500	=	\$ 500.00
Detention Outlet Structure	1.00	EA	@ \$ 12,000	=	\$ 12,000.00
Detention Emergency Spillway	1.00	EA	@ \$ 18,300	=	\$ 18,300.00
Presedimentation Forebay	1.00	EA	@ \$ 7,000	=	\$ 7,000.00
Gravel Maintenance Access Trail	1,055.00	SY	@ \$ 20	=	\$ 21,100.00
Type II Bedding	28.00	CY	@ \$ 35	=	\$ 980.00
Detention Basin Seeding and Mulch	3.00	AC	@ \$ 520	=	\$ 1,560.00
Rip Rap, d50 Size from 6" to 24"	22.00	CY	@ \$ 98	=	\$ 2,156.00
Curb Inlet (Type R) L =25', 5' - 10' Depth	2.00	EA	@ \$ 10,000	=	\$ 20,000.00
Curb Inlet (Type R) L =10', 5'-10' Depth	1.00	EA	@ \$ 6,694	=	\$ 6,694.00
24" Reinforced Concrete Pipe	82.00	LF	@ \$ 84	=	\$ 6,888.00
36" Reinforced Concrete Pipe	423.00	LF	@ \$ 124	=	\$ 52,452.00
Flared End Section (FES) RCP 24" + 24"	1.00	EA	@ \$ 900	=	\$ 900.00
Flared End Section (FES) RCP 30" + 30"	1.00	EA	@ \$ 1,000	=	\$ 1,000.00
Flared End Section (FES) RCP 36" + 36"	1.00	EA	@ \$ 1,200	=	\$ 1,200.00
Grated Inlet (Type D), < 5' deep	1.00	EA	@ \$ 3,908	=	\$ 3,908.00
- Water System Improvements					
Water Main Pipe (PVC), Size 8"	2,314.00	LF	@ \$ 94	=	\$ 217,516.00
Water Main Pipe (Ductile Iron), Size 8"		LF	@ \$ 137	=	\$ -
Water Main Pipe (PVC), Size 12"	1,787.00	LF	@ \$ 122	=	\$ 218,014.00
Gate Valves, 8"	17.00	EA	@ \$ 1,852	=	\$ 31,484.00
Gate Valves, 12"	10.00	EA	@ \$ 2,400	=	\$ 24,000.00
Fire Hydrant Assembly w/ all valves	10.00	EA	@ \$ 6,430	=	\$ 64,300.00
Water Service Line Installation, including tap and valves	101.00	EA	@ \$ 1,253	=	\$ 126,553.00
Fire Cistern Installation, complete		EA	@ \$	=	\$ -
- Sanitary Sewer Improvements					
Sewer Main Pipe (PVC), Size 8"	4,217.00	LF	@ \$ 94	=	\$ 396,398.00
Sewer Main Pipe (PVC), Size 12"	1,126.00	LF	@ \$ 130	=	\$ 146,380.00
Sanitary Sewer Manhole, Depth < 15 feet	19.00	EA	@ \$ 4,575	=	\$ 86,925.00

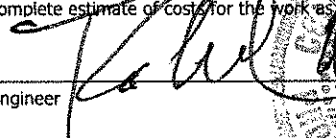

Storm system along the roads are public. Therefore, place in Section 2.

Sanitary Service Line installation, complete	101.00	EA	@	\$ 1,516	=	\$ 153,116.00	\$ 153,116.00
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$	\$ -
- Landscaping (If Applicable) (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							
				Section 3 Subtotal	=	\$ 1,792,856.00	1,792,856.00

Financial Assurance Totals	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$ 5,500
(Inc. survey to verify detention pond volumes.)	
Total Construction Financial Assurance	\$2,740,197.63
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	2,740,197.63
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	\$184,193.33
(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

Engineer  

Date 4/12/18

Approved by Owner / Applicant _____ Date _____

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

