

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

11/14/18

**Project Information**

**Settlers View (14 lots; 1,830 LF)**

**3/5/2019**

Project Name

Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price			% Complete	Remaining
Earthwork*	7,144.00	CY	@	\$ 5	=	\$ 35,720.00		\$ 35,720.00 *
Permanent Seeding* (inc. noxious weed mgmt.)	2.00	AC	@	\$ 582	=	\$ 1,164.00		\$ 1,164.00 *
Mulching*	2.00	AC	@	\$ 507	=	\$ 1,014.00		\$ 1,014.00 *
Permanent Erosion Control Blanket*	2,790.00	SY	@	\$ 6	=	\$ 16,740.00		\$ 16,740.00 *
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	500.00	LF	@	\$ 4	=	\$ 2,000.00		\$ 2,000.00
Temporary Seeding		AC	@	\$ 485	=	\$		\$ -
Temporary Mulch		AC	@	\$ 507	=	\$		\$ -
Erosion Bales	36.00	EA	@	\$ 21	=	\$ 756.00		\$ 756.00
Erosion Logs		LF	@	\$ 6	=	\$		\$ -
Rock Ditch Checks		EA	@	\$	=	\$		\$ -
Inlet Protection	2.00	EA	@	\$ 153	=	\$ 306.00		\$ 306.00
Sediment Basin	1.00	EA	@	\$ 1,625	=	\$ 1,625.00		\$ 1,625.00
Concrete Washout Basin		EA	@	\$ 776	=	\$		\$ -
			@	\$	=	\$		\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process.								
<b>Section 1 Subtotal</b>						=	\$ 60,950.00	\$ 60,950.00

Section 2 - Public Improvements**	Quantity	Units		Price			% Complete	Remaining
<b>- Roadway Improvements</b>								
Construction Traffic Control		LS	@	\$	=	\$		\$ - *
Aggregate Base Course (120 lb/cf @ 6" thick)	2,000.00	Tons	@	\$ 18	=	\$ 36,000.00		\$ 36,000.00 *
Asphalt Pavement (110 lb/sy/in @ 4" thick)	1,300.00	Tons	@	\$ 65	=	\$ 84,500.00		\$ 84,500.00 *
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		SF	@	\$ 22	=	\$		\$ - *
Barricade - Type 3		EA	@	\$ 115	=	\$		\$ - *
Delineator (Type I)		EA	@	\$ 21	=	\$		\$ - *
Curb and Gutter, Type C (Ramp)		LF	@	\$ 21	=	\$		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	@	\$ 16	=	\$		\$ - *
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$		\$ - *
Concrete Sidewalk, 4"		SY	@	\$ 38	=	\$		\$ - *
Concrete Sidewalk, 5"		SY	@	\$ 48	=	\$		\$ - *
Concrete Sidewalk, 6"		SY	@	\$ 57	=	\$		\$ - *
Pedestrian Ramp		SY	@	\$ 108	=	\$		\$ - *

Cross Pan			SY	@	\$	\$53	=	\$		\$	-	*
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	=	\$		\$	-	*
<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		56.00	LF	@	\$	\$69	=	\$	3,864.00	\$	3,864.00	*
24" Reinforced Concrete Pipe			LF	@	\$	\$84	=	\$		\$	-	*
30" Reinforced Concrete Pipe		50.00	LF	@	\$	\$94	=	\$	4,700.00	\$	4,700.00	*
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 18"		2.00	EA	@	\$	414	=	\$	828.00	\$	828.00	*
Flared End Section (FES) RCP 30"		2.00	EA	@	\$	564	=	\$	1,128.00	\$	1,128.00	*
Flared End Section (FES) CSP †			EA	@	\$		=	\$		\$	-	*
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"		21.50	CY	@	\$	\$98	=	\$	2,107.00	\$	2,107.00	*

Rip Rap, Grouted	CY	@	\$ 215	=	\$	\$ - *
Drainage Channel Construction, Size ( W x H )	LF	@	\$	=	\$	\$ - *
Channel Lining, Concrete	CY	@	\$ 450	=	\$	\$ - *
Channel Lining, Rip Rap	CY	@	\$ 98	=	\$	\$ - *
Channel Lining, Grass	AC	@	\$ 1,287	=	\$	\$ - *
Channel Lining, Other Stabilization	SY	@	\$ 3	=	\$	\$ - *
Detention Outlet Structure	EA	@	\$	=	\$	\$ - *
Detention Emergency Spillway	EA	@	\$	=	\$	\$ - *
Permanent Water Quality Facility (Describe)	EA	@	\$	=	\$	\$ - *
<p>* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process. † For flared end sections, multiply pipe LF cost by 6</p>						
<b>Section 2 Subtotal</b>					\$	133,227.00
						133,227.00 **

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, 4" thick		SY	@	\$ \$38	=	\$
Mailbox Pad	1.00	EA	@	\$ \$1,500	=	\$ 1,500.00
			@	\$	=	\$
<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)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
30" HDPE Pond Outlet Pipe	78.00	LF	@	\$ \$94	=	\$ 7,332.00
Flared End Section (FES) RCP 30"	1.00	EA	@	\$ 564	=	\$ 564.00
Rip Rap, d50 Size from 6" to 24"	100.00	CY	@	\$ \$98	=	\$ 9,800.00
Detention Pond Forebay	1.00	EA	@	\$ 3,000	=	\$ 3,000.00
Detention Outlet Structure	1.00	EA	@	\$ 8,000	=	\$ 8,000.00
Detention Emergency Spillway	1.00	EA	@	\$ 6,000	=	\$ 6,000.00
<b>- Water System Improvements</b>						
Water Main Pipe (PVC), Size 8"		LF	@	\$ \$94	=	\$
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ \$137	=	\$
Gate Valves, 8"		EA	@	\$ \$1,852	=	\$
Fire Hydrant Assembly w/ all valves		EA	@	\$ \$6,430	=	\$
Water Service Line Installation, including tap and valves		EA	@	\$ 1,253	=	\$
Fire Cistern Installation, complete		EA	@	\$	=	\$
<b>- Sanitary Sewer Improvements</b>						
Sewer Main Pipe (PVC), Size 8"		LF	@	\$ \$94	=	\$
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	\$ \$4,575	=	\$
Sanitary Service Line Installation, complete		EA	@	\$ 1,516	=	\$
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$
<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>	=	\$ 36,196.00
						36,196.00

**Financial Assurance Totals**

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) \$ \$2,000

( Inc. survey to verify detention pond volumes.) **Total Construction Financial Assurance** \$232,373.00

(Sum of all section subtotals)

**Total Remaining Construction Financial Assurance** 232,373.00

(Sum of all section totals less credit for items complete)

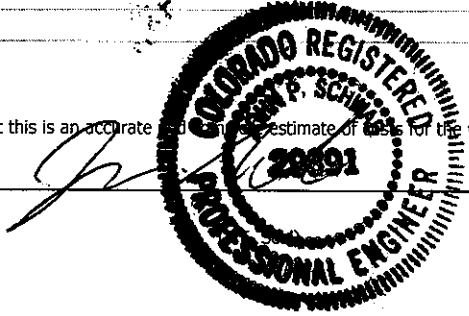
**Total Defect Warranty Financial Assurance** \$37,573.00

(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 estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer



Date

3/5/19

Approved by Owner / Applicant

Date

3/5/19

Approved  
by Elizabeth Nijkamp  
El Paso County Planning and Community Development  
on behalf of Jennifer Irvine, County Engineer, ECM Administrator



03/11/2019 4:19:46 PM

Approved by El Paso County Engineer / ECM Administrator

Date