

# 2015 Financial Assurance Estimate Form

(Basic form)

<b>Project Information</b>	
<b>Lot 9, Claremont Business Park</b>	<b>3/8/2018</b>
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		
Earthwork*	500.00	CY	@ \$5	=	\$ 2,500.00 *
Permanent Seeding*	0.85	AC	@ \$582	=	\$ 494.70 *
Mulching*	0.85	AC	@ \$507	=	\$ 430.95 *
Permanent Erosion Control Blanket*		SY	@ \$8	=	\$ *
Temporary Erosion Control Blanket		SY	@ \$3	=	\$
Vehicle Tracking Control	1.00	EA	@ \$1,625	=	\$ 1,625.00
Safety Fence		LF	@ \$3	=	\$
Silt Fence	295.00	LF	@ \$4	=	\$ 1,180.00
Temporary Seeding		AC	@ \$485	=	\$
Temporary Muich		AC	@ \$507	=	\$
Erosion Bales		EA	@ \$21	=	\$
Erosion Logs		LF	@ \$6	=	\$
Rock Ditch Checks		EA	@ \$	=	\$
Inlet Protection	3.00	EA	@ \$153	=	\$ 459.00
Sediment Basin		EA	@ \$1,625	=	\$
Concrete Washout Basin	1.00	EA	@ \$776	=	\$ 776.00
		@ \$		=	\$
pecified items subject to defect warranty financial assurance					
<b>Section 1 Subtotal</b>					<b>\$ 7,465.65</b>

Section 2 - Public Improvements**	Quantity	Units	Price		
<b>- Roadway Improvements</b>					
Construction Traffic Control		LS	@ \$	=	\$
Aggregate Base Course		Tons	@ \$18	=	\$
Asphalt Pavement		Tons	@ \$65	=	\$
Raised Median, Paved		SF	@ \$7	=	\$
Electrical Conduit, Size =		LF	@ \$14	=	\$
Traffic Signal, complete intersection		EA	@ \$250,000	=	\$
Regulatory Sign		EA	@ \$100	=	\$
Advisory Sign		EA	@ \$100	=	\$
Guide/Street Name Sign		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	=	\$
Pedestrian Ramp		EA	@ \$844	=	\$

Sidewalk	178.00	LF	@	\$	\$23	=	\$	4,094.00
Curb Chase		EA	@	\$	\$1,300	=	\$	
Guardrail Type 3 (W-Beam)		LF	@	\$	\$13	=	\$	
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		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	=	\$	
Corrugated Steel Pipe (CSP)                      Size		LF	@	\$		=	\$	
18" Corrugated Steel Pipe		LF	@	\$	\$68	=	\$	
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                      †		EA	@	\$		=	\$	
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	@	\$		=	\$	



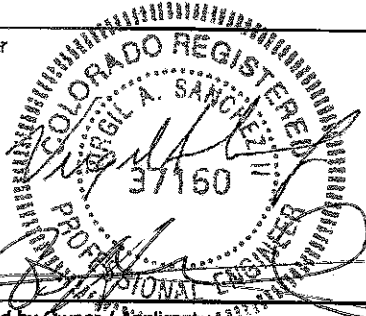
<b>Section 3 - Common Development Improvements (Private or District)***</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>		
<b>- Roadway Improvements</b>					
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	= \$
			@	\$	= \$
			@	\$	= \$
Concrete Sidewalk		SY	@	\$	= \$
Curb and Gutter, Type 1 (6" Vertical)			@	\$	= \$
Aggregate Base Course			@	\$	= \$
<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)			@	\$	= \$
			@	\$	= \$
			@	\$	= \$
SC150 Erosion Control Blanket	23.00	SY	@	\$ 8	= \$ 184.00
15" PP	202.00	LF	@	\$ 26	= \$ 5,252.00
2'X3' ADS Inlet	2.00	EA	@	\$ 1,700	= \$ 3,400.00
WQCV Sand Filter Pond	1.00	EA	@	\$ 6,000	= \$ 6,000.00
Pond Outlet Structure	1.00	EA	@	\$ 5,000	= \$ 5,000.00
RIPRAP Outfall	40.00	SF	@	\$ 10	= \$ 400.00
<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, inc. tap & 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	@	\$	= \$
Swale (Cobble Stone/Grass)		EA	@	\$	= \$
		EA	@	\$	= \$
		EA	@	\$	= \$
***items in this section are not subject to defect warranty financial assurance					
				<b>Section 3 Subtotal</b>	<b>= \$ 20,236.00</b>

**Financial Assurance Totals**

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) ( Inc. survey to verify detention pond volumes.)		\$	500.00
	<b>Construction Financial Assurance Total</b>	= \$	<b>32,295.65</b>
	(Sum of all Section Totals)		
	<b>Public Improvements Total**</b>	\$	<b>7,519.65</b>
	<b>Defect Warranty Financial Assurance Total</b>	= \$	<b>1,503.93</b>
	(20% of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)		

**Approvals**

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer		(P.E. Seal)	3/28/18 Date
Approved by Owner / Applicant			Date
Approved by El Paso County Engineer / ECM Administrator			Date