

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

10/15/2015

<b>Project Information</b>	
<b>Lorson Boulevard</b>	<b>8/30/2018</b>
Project Name	Date

Section 1 - Grading and Erosion Control BMPs - CDR18x	Quantity	Units	Price		% Complete	Remaining
Earthwork*	5,000.00	CY	@ \$ 5	= \$ 25,000.00		\$ 25,000.00 *
Permanent Seeding*	4.00	AC	@ \$ 582	= \$ 2,328.00		\$ 2,328.00 *
Mulching*	4.00	AC	@ \$ 507	= \$ 2,028.00		\$ 2,028.00 *
Permanent Erosion Control Blanket*	170.00	SY	@ \$ 6	= \$ 1,020.00		\$ 1,020.00 *
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	1,000.00	LF	@ \$ 4	= \$ 4,000.00		\$ 4,000.00
Temporary Seeding		AC	@ \$ 485	= \$		\$ -
Temporary Mulch		AC	@ \$ 507	= \$		\$ -
Erosion Bales		EA	@ \$ 21	= \$		\$ -
Erosion Logs	100.00	LF	@ \$ 6	= \$ 600.00		\$ 600.00
Rock Ditch Checks		EA	@ \$ 4,000	= \$		\$ -
Inlet Protection	6.00	EA	@ \$ 153	= \$ 918.00		\$ 918.00
Sediment Basin		EA	@ \$ 1,625	= \$		\$ -
Concrete Washout Basin	1.00	EA	@ \$ 776	= \$ 776.00		\$ 776.00
		@	\$	= \$		\$ -
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process.						
<b>Section 1 Subtotal</b>				<b>= \$ 38,295.00</b>		<b>\$ 38,295.00</b>

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
Construction Traffic Control		LS	@ \$ 5,000	= \$		\$ - *
Aggregate Base Course, 6" thick	3,400.00	Tons	@ \$ 18	= \$ 61,200.00		\$ 61,200.00 *
Asphalt Pavement, 5" thick	2,800.00	Tons	@ \$ 65	= \$ 182,000.00		\$ 182,000.00 *
Raised Median, Paved		SF	@ \$ 7	= \$		\$ - *
Electrical Conduit, Size =		LF	@ \$ 14	= \$		\$ - *
Traffic Signal, complete intersection		EA	@ \$ 250,000	= \$		\$ - *
Regulatory Sign	9.00	EA	@ \$ 100	= \$ 900.00		\$ 900.00 *
Advisory Sign		EA	@ \$ 100	= \$		\$ - *
Guide/Street Name Sign	6.00	EA	@ \$ 200	= \$ 1,200.00		\$ 1,200.00 *
Epoxy Pavement Marking	8,100.00	SF	@ \$ 12	= \$ 97,200.00		\$ 97,200.00 *
Thermoplastic Pavement Marking	165.00	SF	@ \$ 22	= \$ 3,630.00		\$ 3,630.00 *
Barricade - Type F	2.00	EA	@ \$ 115	= \$ 230.00		\$ 230.00 *
Delineator (Type I)		EA	@ \$ 21	= \$		\$ - *
Curb and Gutter, Type C (Ramp)		LF	@ \$ 21	= \$		\$ - *
Curb and Gutter, Type A (6" Vertical)	4,800.00	LF	@ \$ 16	= \$ 76,800.00		\$ 76,800.00 *
Curb and Gutter, Type B (Median)		LF	@ \$ 13	= \$		\$ - *
Pedestrian Ramp	65.00	SY	@ \$ 108	= \$ 7,020.00		\$ 7,020.00 *

Cross Pan	85.00	SY	@	\$ 53	=	\$ 4,505.00	\$ 4,505.00 *
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	=	\$	\$ - *
Jimmy Camp Creek Bridge (260' long)		LS	@	\$	=	\$	\$ - *
<b>- Storm Drain Improvements</b>							
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$	=	\$	\$ - *
Reinforced Concrete Pipe (RCP) 24" HERC		LF	@	\$ 90	=	\$	\$ - *
18" Reinforced Concrete Pipe	44.00	LF	@	\$ 69	=	\$ 3,036.00	\$ 3,036.00 *
24" Reinforced Concrete Pipe	88.00	LF	@	\$ 84	=	\$ 7,392.00	\$ 7,392.00 *
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	@	\$ 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 †		EA	@	\$ 800	=	\$	\$ - *
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	1.00	EA	@	\$ 8,000	=	\$ 8,000.00	\$ 8,000.00 *
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	1.00	EA	@	\$ 8,830	=	\$ 8,830.00	\$ 8,830.00 *
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"	12.00	CY	@	\$ 98	=	\$ 1,176.00	\$ 1,176.00 *
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	@	\$	20,000	=	\$		\$	-	*
Detention Emergency Spillway		EA	@	\$	15,000	=	\$		\$	-	*
Permanent Water Quality Facility (Describe)	1.00	EA	@	\$	10,000	=	\$	10,000.00	\$	10,000.00	*
* 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										38,434.00	
<b>Section 2 Subtotal</b>									\$	473,119.00	473,119.00 **

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	2,116.00	SY	@ \$ \$38	= \$ 80,408.00		\$ 80,408.00
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
<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)			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
<b>- Water System Improvements</b>						
Water Main Pipe (PVC), Size 8"	2,400.00	LF	@ \$ \$94	= \$ 225,600.00		
Water Main Pipe (Ductile Iron), Size 8"		LF	@ \$ \$137	= \$		
Gate Valves, 8"	8.00	EA	@ \$ \$1,852	= \$ 14,816.00		
Fire Hydrant Assembly w/ all valves	1.00	EA	@ \$ \$6,430	= \$ 6,430.00		
Water Service Line Installation, including tap and valves		EA	@ \$ 1,253	= \$		
		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>				= \$ 327,254.00		80,408.00

**Financial Assurance Totals**

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)

( Inc. survey to verify detention pond volumes.)

\$ 5,000

**Total Construction Financial Assurance** \$843,668.00

(Sum of all section subtotals)

**Total Remaining Construction Financial Assurance** 596,822.00

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

**Total Defect Warranty Financial Assurance** \$100,699.00

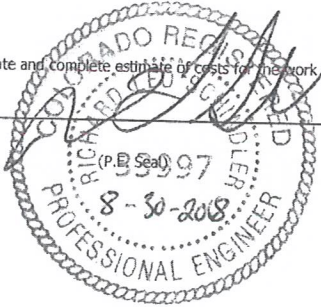
(20% of all items identified as public improvements(\*). To be collateralized at time of preliminary acceptance)

**Approvals**

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

Engineer

Date



*[Signature]*  
Approved by Owner / Applicant

*[Signature]*  
Date

Approved by El Paso County Engineer / ECM Administrator

Date