

2015 Financial Assurance Estimate Form

8/6/2015

Project Information

Lot 111 Cherry Creek Crossing Filing No. 1

7/19/2018

Project Name

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork* (7.7 acres 12-inches deep)	11,290.00	CY	@ \$ 5	\$ 56,450.00	\$ 56,450.00 *
Permanent Seeding*	7.50	AC	@ \$ 582	\$ 4,365.00	\$ 4,365.00 *
Mulching*	7.50	AC	@ \$ 507	\$ 3,802.50	\$ 3,802.50 *
Permanent Erosion Control Blanket*	1,615.00	SY	@ \$ 6	\$ 9,690.00	\$ 9,690.00 *
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	2,020.00	LF	@ \$ 4	\$ 8,080.00	\$ 8,080.00
Temporary Seeding		AC	@ \$ 485	\$	\$ -
Temporary Mulch		AC	@ \$ 507	\$	\$ -
Erosion Bales		EA	@ \$ 21	\$	\$ -
Erosion Logs		LF	@ \$ 6	\$	\$ -
Rock Ditch Checks		EA	@ \$	\$	\$ -
Inlet Protection	1.00	EA	@ \$ 153	\$ 153.00	\$ 153.00
Sediment Basin	2.00	EA	@ \$ 1,625	\$ 3,250.00	\$ 3,250.00
Concrete Washout Basin	1.00	EA	@ \$ 776	\$ 776.00	\$ 776.00
Stabilized stockpile and staging area	1.00	EA	@ \$ 1,000	\$ 1,000.00	\$ 1,000.00
* 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.					
Section 1 Subtotal				\$ 89,191.50	\$ 89,191.50

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
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	@ \$ 50	\$	\$ - *
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		SY	@ \$ 108	\$	\$ - *
Concrete Sidewalk		SY	@ \$ 38	\$	\$ - *

CDR 17-003

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	=	\$	\$	-	*
- Storm Drain Improvements										
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	215.00	LF	@	\$	\$182	=	\$	\$39,130.00	\$	\$39,130.00
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"		EA	@	\$	\$900	=	\$	\$	-	*
Flared End Section (FES) RCP 30"		EA	@	\$	\$1,000	=	\$	\$	-	*
Flared End Section (FES) RCP 42"		EA	@	\$	\$1,200	=	\$	\$	-	*
Flared End Section (FES) 54-INCH		EA	@	\$	\$1,500	=	\$	\$	-	*
End Treatment- Headwall	1.00	EA	@	\$	\$2,000	=	\$	\$2,000.00	\$	\$2,000.00
End Treatment- Wingwall	1.00	EA	@	\$	\$3,000	=	\$	\$3,000.00	\$	\$3,000.00
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=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	1.00	EA	@	\$	\$4,575	=	\$	\$4,575.00	\$	\$4,575.00

Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$		\$	-	*
Rip Rap, d50 Size from 6" to 24"	210.00	CY	@	\$	\$98	=	\$	20,580.00	\$	20,580.00	*
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	@	\$		=	\$		\$	-	*
Low tailwater protection		EA		\$	6,000	=	\$		\$	-	*
<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>											
							=	69,285.00		69,285.00	**
Section 2 Subtotal:							=	\$			

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)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
Concrete Sidewalk		@	\$ 338	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
- Storm Drain Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
- Water System Improvements						
Water Main Pipe (PVC), Size 6"		LF @	\$ 94	=	\$	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF @	\$ 137	=	\$	\$ -
Water Main Pipe (PVC), Size 12"		LF @	\$ 122	=	\$	\$ -
Gate Valves, 6"		EA @	\$ 1,852	=	\$	\$ -
Gate Valves, 12"		EA @	\$ 2,400	=	\$	\$ -
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 @	\$	=	\$	\$ -
- Sanitary Sewer Improvements						
Sewer Main Pipe (PVC), Size 8"		LF @	\$ 94	=	\$	\$ -
Sewer Main Pipe (PVC), Size 12"		LF @	\$ 165	=	\$	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA @	\$ 4,575	=	\$	\$ -
Sanitary Service Line Installation, complete		EA @	\$ 1,516	=	\$	\$ -
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	=	\$

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) \$ \$3,500
Inc. survey to verify detention pond volumes.) **Total Construction Financial Assurance** \$161,976.50

(Sum of all section subtotals)

Total Remaining Construction Financial Assurance 161,976.50

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

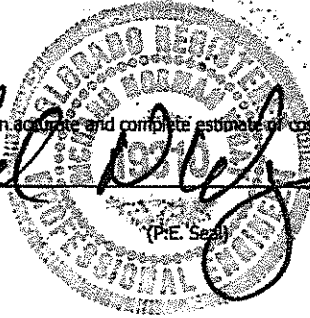
Total Defect Warranty Financial Assurance \$28,718.50

(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

8/3/18

Colorado Springs 382, Ltd. Partnership
Ibex Advisors LLC, General Partner

Nathan K. Miller, managing member

Approved by Owner / Applicant

Date

8/4/18

Approved by El Paso County Engineer / ECM Administrator

Approved

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



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