

Financial Assurance

Estimate Form (with pre-plat construction)

3/17/2015

Project Information SF-18-011	
Silverado Ranch Filing No. 1 (10 Lots; 2,750 LF)	6/18/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		% Complete	Remaining
Earthwork*	10,000.00	CY	@	\$ 5	=	\$ 50,000.00	\$ 50,000.00 *
Permanent Seeding*	3.00	AC	@	\$ 582	=	\$ 1,746.00	\$ 1,746.00 *
Mulching*	3.00	AC	@	\$ 507	=	\$ 1,521.00	\$ 1,521.00 *
Permanent Erosion Control Blanket*		SY	@	\$ 6	=	\$	\$ - *
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	54.00	EA	@	\$ 21	=	\$ 1,134.00	\$ 1,134.00
Erosion Logs		LF	@	\$ 6	=	\$	\$ -
Rock Ditch Checks		EA	@	\$	=	\$	\$ -
Inlet Protection	2.00	EA	@	\$ 153	=	\$ 306.00	\$ 306.00
Sediment Basin		EA	@	\$ 1,625	=	\$	\$ -
Concrete Washout Basin		EA	@	\$ 776	=	\$	\$ -
			@	\$	=	\$	\$ -
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process.							
Section 1 Subtotal					=	\$ 58,332.00	\$ 58,332.00

Section 2 - Public Improvements**	Quantity	Units		Price		% Complete	Remaining
- Roadway Improvements							
Construction Traffic Control		LS	@	\$	=	\$	\$ - *
Aggregate Base Course	3,200.00	Tons	@	\$ 18	=	\$ 57,600.00	\$ 57,600.00 *
Asphalt Pavement		Tons	@	\$ 65	=	\$	\$ - *
Raised Median, Paved		SF	@	\$ 7	=	\$	\$ - *
Electrical Conduit, Size =		LF	@	\$ 14	=	\$	\$ - *
Traffic Signal, complete intersection		EA	@	\$ 250,000	=	\$	\$ - *
Regulatory Sign	3.00	EA	@	\$ 100	=	\$ 300.00	\$ 300.00 *
Advisory Sign		EA	@	\$ 100	=	\$	\$ - *
Guide/Street Name Sign	2.00	EA	@	\$ 100	=	\$ 200.00	\$ 200.00 *
Epoxy Pavement Marking		SF	@	\$ 12	=	\$	\$ - *
Thermoplastic Pavement Marking		SF	@	\$ 22	=	\$	\$ - *
Barricade - Type 3	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)		LF	@	\$ 16	=	\$	\$ - *
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$	\$ - *
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	=	\$		\$	-	*
- Storm Drain Improvements												
Concrete Box Culvert (M Standard), Size (W x H)			LF	@	\$		=	\$		\$	-	*
Reinforced Concrete Pipe (RCP)	Size		LF	@	\$		=	\$		\$	-	*
18" Reinforced Concrete Pipe		50.00	LF	@	\$	\$69	=	\$	3,450.00	\$	3,450.00	*
24" Reinforced Concrete Pipe		56.00	LF	@	\$	\$84	=	\$	4,704.00	\$	4,704.00	*
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	=	\$		\$	-	*
High Density Polyethylene (HDPE) Pipe	Size		LF	@	\$		=	\$		\$	-	*
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 - 30"			EA	@	\$	564	=	\$		\$	-	*
Flared End Section (FES) RCP - 36"			EA	@	\$	992	=	\$		\$	-	*
Flared End Section (FES) HDPE			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	@	\$		=	\$		\$	-	*
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"		10.00	CY	@	\$	\$98	=	\$	980.00	\$	980.00	*

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		SY	@	\$ \$38	=	\$	\$ -
Mailbox Pad	1.00	EA	@	\$ 1,500	=	\$ 1,500.00	\$ 1,500.00
			@	\$	=	\$	\$ -
- 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 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	@	\$ \$65,000	=	\$	\$ -
- Sanitary Sewer Improvements							
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	@	\$	=	\$	\$ -
- Landscaping (If Applicable)							
(List landscaping 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					=	\$ 1,500.00	1,500.00

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 \$129,296.00

(Sum of all section subtotals)

Total Remaining Construction Financial Assurance 129,296.00

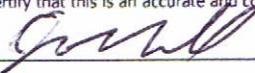
(Sum of all section totals less credit for items complete)

Total Defect Warranty Financial Assurance \$24,146.20

(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

7/9/18

Date



Approved by Owner / Applicant



July 9, 2018

Date

Approved by El Paso County Engineer / ECM Administrator

Date