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

8/6/2015

Project Information	
Branding Iron at Sterling Ranch Filing No. 1	11/7/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork*		CY @	\$ 5		\$ - *
Permanent Seeding* (inc. noxious weed mgmnt.)		AC @	\$ 582		\$ - *
Mulching*		AC @	\$ 507		\$ - *
Permanent Erosion Control Blanket*		SY @	\$ 6		\$ - *
Temporary Erosion Control Blanket		SY @	\$ 3		\$ - *
Vehicle Tracking Control	1.00	EA @	\$ 1,625		\$ 1,625.00
Safety Fence		LF @	\$ 3		\$ - *
Silt Fence		LF @	\$ 4		\$ - *
Temporary Seeding		AC @	\$ 485		\$ - *
Temporary Mulch		AC @	\$ 507		\$ - *
Erosion Bales		EA @	\$ 21		\$ - *
Erosion Logs		LF @	\$ 6		\$ - *
Rock Ditch Checks		EA @	\$		\$ - *
Inlet Protection	6.00	EA @	\$ 153	6.00	\$ 918.00
Sediment Basin	1.00	EA @	\$ 1,625		\$ 1,625.00
Concrete Washout Basin	1.00	EA @	\$ 776		\$ 776.00
		@	\$		\$ - *
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.					
Section 1 Subtotal					\$ 4,944.00
					\$ 4,888.92

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
Construction Traffic Control		LS @	\$		\$ - *
Aggregate Base Course	5,553.00	Tons @	\$ 18	40.00	\$ 99,954.00
Asphalt Pavement	4,132.00	Tons @	\$ 65		\$ 268,580.00
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	5.00	EA @	\$ 600		\$ 3,000.00
Epoxy Pavement Marking		SF @	\$ 12		\$ - *
Thermoplastic Pavement Marking		SF @	\$ 22		\$ - *
Barricade - Type 3	5.00	EA @	\$ 115		\$ 575.00
Delineator (Type I)		EA @	\$ 21		\$ - *
Curb and Gutter, Type C (Ramp)	2,795.00	LF @	\$ 21	80.00	\$ 58,695.00
Curb and Gutter, Type A (6" Vertical)	4,500.00	LF @	\$ 16	80.00	\$ 72,000.00
Curb and Gutter, Type B (Median)		LF @	\$ 13		\$ - *
Pedestrian Ramp	200.00	SY @	\$ 108		\$ 21,600.00

Note: percents complete are to be agreed on prior to plat recordation.

Cross Pan	785.00	SY	@	\$ 53	=	\$ 41,605.00	80.00	\$ 8,321.00	*
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	=	\$		\$ -	*
Sidewalk (5" Thick)	5,465.00	LF	@	\$ 58	=	\$ 316,970.00	60.00	\$ 126,788.00	*
- 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	100.00	LF	@	\$ 84	=	\$ 8,400.00	80.00	\$ 1,680.00	*
30" Reinforced Concrete Pipe	325.00	LF	@	\$ 94	=	\$ 30,550.00	80.00	\$ 6,110.00	*
36" Reinforced Concrete Pipe	260.00	LF	@	\$ 124	=	\$ 32,240.00	80.00	\$ 6,448.00	*
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	@	\$	=	\$		\$ -	*
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	2.00	EA	@	\$ 6,694	=	\$ 13,388.00	80.00	\$ 2,677.60	*
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	4.00	EA	@	\$ 8,000	=	\$ 32,000.00	80.00	\$ 6,400.00	*
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		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	1.00	EA	@	\$ 8,592	=	\$ 8,592.00	80.00	\$ 1,718.40	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$ 4,575	=	\$		\$ -	*
Geotextile (Erosion Control)		SY	@	\$ 5	=	\$		\$ -	*
Rip Rap, #50 Size from 6" to 24"		CY	@	\$ 98	=	\$		\$ -	*
Rip Rap, Grouted		CY	@	\$ 215	=	\$		\$ -	*

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	=	\$		\$ -
			@ \$	=	\$		\$ -
			@ \$	=	\$		\$ -
- Storm Drain Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@ \$	=	\$		\$ -
			@ \$	=	\$		\$ -
			@ \$	=	\$		\$ -
Pond 8	1.00		@ \$ 30,000	=	\$ 30,000.00	60.00	\$ 12,000.00
			@ \$	=	\$		\$ -
			@ \$	=	\$		\$ -
- Water System Improvements							
Water Main Pipe (PVC), Size 8"	1,402.00	LF	@ \$ \$94	=	\$ 131,788.00	100.00	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	@ \$ \$137	=	\$		\$ -
Gate Valves, 8"		EA	@ \$ \$1,852	=	\$		\$ -
Fire Hydrant Assembly w/ all valves	5.00	EA	@ \$ \$6,430	=	\$ 32,150.00	100.00	\$ -
Water Service Line Installation, including tap and valves	51.00	EA	@ \$ \$1,253	=	\$ 63,903.00	100.00	\$ -
Fire Cistern installation, complete		EA	@ \$	=	\$		\$ -
- Sanitary Sewer Improvements							
Sewer Main Pipe (PVC), Size 8"	1,371.00	LF	@ \$ \$94	=	\$ 128,874.00	100.00	\$ -
Sanitary Sewer Manhole, Depth < 15 feet	6.00	EA	@ \$ \$4,575	=	\$ 27,450.00	100.00	\$ -
Sanitary Service Line Installation, complete	51.00	EA	@ \$ \$1,516	=	\$ 77,316.00	100.00	\$ -
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				=	\$ 491,481.00		12,000.00

Add grass-lined swale in Tract L and TSB offsite.

Provide letter from district stating that the utilities are functional and have been accepted.

Financial Assurance Totals

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

(Inc. survey to verify detention pond volumes.)

Total Construction Financial Assurance \$1,504,574.00

(Sum of all section subtotals)

Total Remaining Construction Financial Assurance 556,898.32

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

Total Defect Warranty Financial Assurance \$201,629.80

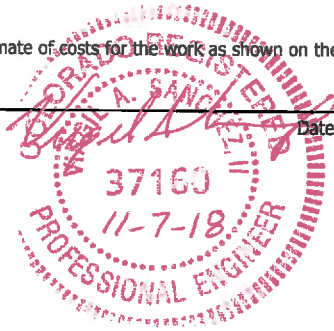
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)

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

(P.E. Seal)



Date

Juan Hernandez

Date

11/7/18

Approved by El Paso County Engineer / ECM Administrator

Date

provide \$ for as-builts