

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	\$ 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	\$ 918.00	\$ 918.00
Sediment Basin	1.00	EA @	\$ 1,625	\$ 1,625.00	\$ 1,625.00
Concrete Washout Basin	1.00	EA @	\$ 776	\$ 776.00	\$ 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	\$ 4,944.00

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

SF 17-024

Cross Pan	785.00	SY	@	\$	\$53	=	\$	41,605.00	\$	41,605.00	*
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	@	\$	\$3,584	=	\$		\$	-	*
Sidewalk (5" Thick)	5,465.00	LF	@	\$	\$58	=	\$	316,970.00	\$	316,970.00	*
- 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	\$	8,400.00	*
30" Reinforced Concrete Pipe	325.00	LF	@	\$	\$94	=	\$	30,550.00	\$	30,550.00	*
36" Reinforced Concrete Pipe	260.00	LF	@	\$	\$124	=	\$	32,240.00	\$	32,240.00	*
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	\$	13,388.00	*
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	\$	32,000.00	*
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		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	\$	8,592.00	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$	\$4,575	=	\$		\$	-	*
Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$		\$	-	*
Rip Rap, d50 Size from 6" to 24"		CY	@	\$	\$98	=	\$		\$	-	*
Rip Rap, Grouted		CY	@	\$	\$215	=	\$		\$	-	*
Drainage Channel Construction, Size (W x H)		LF	@	\$		=	\$		\$	-	*
Channel Lining, Concrete		CY	@	\$	\$450	=	\$		\$	-	*

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		\$ 30,000.00
Tract L Grass lined swale and TSB	1.00		@ \$ 1,000	= \$ 1,000.00		\$ 1,000.00
			@ \$	= \$		\$ -
- Water System Improvements						
Water Main Pipe (PVC), Size 8"	1,402.00	LF	@ \$ \$94	= \$ 131,788.00		\$ 131,788.00
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		\$ 32,150.00
Water Service Line Installation, including tap and valves	51.00	EA	@ \$ 1,253	= \$ 63,903.00		\$ 63,903.00
Fire Cistern Installation, complete		EA	@ \$	= \$		\$ -
- Sanitary Sewer Improvements						
Sewer Main Pipe (PVC), Size 8"	1,371.00	LF	@ \$ \$94	= \$ 128,874.00		\$ 128,874.00
Sanitary Sewer Manhole, Depth < 15 feet	6.00	EA	@ \$ \$4,575	= \$ 27,450.00		\$ 27,450.00
Sanitary Service Line Installation, complete	51.00	EA	@ \$ 1,516	= \$ 77,316.00		\$ 77,316.00
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				= \$	492,481.00	492,481.00

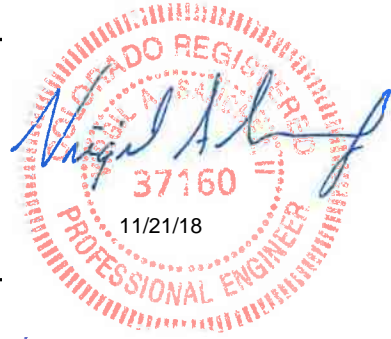
Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$	\$750
(Inc. survey to verify detention pond volumes.)	Total Construction Financial Assurance	\$1,506,324.00
	(Sum of all section subtotals)	
	Total Remaining Construction Financial Assurance	1,506,324.00
	(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 _____ Date _____
(P.E. Seal)



Approved by Owner / Applicant _____ Date _____
Jennifer Irvine *11/15/2018*

Approved by El Paso County Engineer / ECM Administrator _____ Date _____

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



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