

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

8/6/2015

Project Information	
Branding Iron at Sterling Ranch Filing No. 1	12/11/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork*		CY	\$ 35 = \$		\$ -
Permanent Seeding* (Ino. noxious weed mgmt.)		AC	\$ 582 = \$		\$ -
Mulching*		AC	\$ 507 = \$		\$ -
Permanent Erosion Control Blanket*		SY	\$ 8 = \$		\$ -
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 Basins		EA	\$ 21 = \$		\$ -
Erosion Logs		LF	\$ 8 = \$		\$ -
Rock Ditch Checks		EA	\$ = \$		\$ -
Inlet Protection	6.00	EA	\$ 153 = \$	918.00	80.00 \$ 183.60
Sediment Basin	1.00	EA	\$ 1,625 = \$	1,625.00	\$ 1,625.00
Concrete Washout Basin	1.00	EA	\$ 778 = \$	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	\$ 4,205.60

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	30.00 \$ 69,967.80
Asphalt Pavement	4,132.00	Tons	\$ 85 = \$	268,580.00	\$ 268,580.00
Raised Median, Paved		SF	\$ 7 = \$		\$ -
Electrical Conduit, Size =		LF	\$ 14 = \$		\$ -
Traffic Signal, complete intersection		EA	\$ 3250,000 = \$		\$ -
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	80.00 \$ 11,739.00
Curb and Gutter, Type A (6" Vertical)	4,500.00	LF	\$ 18 = \$	72,000.00	80.00 \$ 14,400.00
Curb and Gutter, Type B (Median)		LF	\$ 13 = \$		\$ -
Pedestrian Ramp	200.00	SY	\$ 108 = \$	21,600.00	\$ 21,600.00

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	⊙	\$ 118	=	\$		\$	
Guardrail Type 7 (Concrete)		LF	⊙	\$ 87	=	\$		\$	
Guardrail End Anchorage		EA	⊙	\$ 1,878	=	\$		\$	
Guardrail Impact Attenuator		EA	⊙	\$ 3,564	=	\$		\$	
Sidewalk (5" Thick)	5,465.00	LF	⊙	\$ 58	=	\$ 316,970.00	80.00	\$ 63,394.00	
- 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	⊙	\$ 218	=	\$		\$	
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	⊙	\$ 138	=	\$		\$	
42" Corrugated Steel Pipe		LF	⊙	\$ 147	=	\$		\$	
48" Corrugated Steel Pipe		LF	⊙	\$ 168	=	\$		\$	
54" Corrugated Steel Pipe		LF	⊙	\$ 183	=	\$		\$	
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	⊙	\$ 8,027	=	\$		\$	
Curb Inlet (Type R) L=10', Depth < 5 feet		EA	⊙	\$ 5,528	=	\$		\$	
Curb Inlet (Type R) L=10', 5'-10' Depth	2.00	EA	⊙	\$ 8,694	=	\$ 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	⊙	\$ 7,823	=	\$		\$	
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, d50 Size from 8" to 24"		CY	⊙	\$ 88	=	\$		\$	
Rip Rap, Grouted		CY	⊙	\$ 215	=	\$		\$	
Drainage Channel Construction, Size (W x H)		LF	⊙	\$	=	\$		\$	
Channel Lining, Concrete		CY	⊙	\$ 450	=	\$		\$	

Channel Lining, Rip Rap	CY	@	\$ 308	=	\$	\$ -
Channel Lining, Grass	AC	@	\$ 1,287	=	\$	\$ -
Channel Lining, Other Stabilization	SY	@	\$ 33	=	\$	\$ -
Detention Outlet Structure	EA	@	\$	=	\$	\$ -
Detention Emergency Spillway	EA	@	\$	=	\$	\$ -
Permanent Water Quality Facility (Describe)	EA	@	\$	=	\$	\$ -
<p>* 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. † For flared end sections, multiply pipe LF cost by 8</p>						
Section 2 Subtotal				=	\$ 1,008,149.00	466,610.80 **

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	35.00 \$ 19,500.00
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	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 < 16 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 items and cost - usually only in case of subdivision specific condition of approval, or PLUD)		EA	\$	=	\$	\$ -
		EA	\$	=	\$	\$ -
		EA	\$	=	\$	\$ -
		EA	\$	=	\$	\$ -
		EA	\$	=	\$	\$ -
***Items in this section are not subject to defect warranty financial assurance						
				Section 3 Subtotal	\$ 492,481.00	20,500.00

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 512,070.40

(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)

+Q3530

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.

[Handwritten Signature]
Engineer



12/11/2018
Date

[Handwritten Signature]
Approved by Owner / Applicant

12/11/2018
Date

Approved by El Paso County Engineer / ECM Administrator

Approved
By: Elizabeth Nijkamp
Date: 12/12/2018
El Paso County Planning & Community Development

