

2015 Financial Assurance
Estimate Form (with pre-plate 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 @	\$ 5 = \$		\$ - *
Permanent Seeding* (Inc. noxious weed mgmt.)		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	100.00	\$ -
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	100.00	\$ -
Sediment Basin	1.00	EA @	\$ 1,625 = \$ 1,625.00	100.00	\$ -
Concrete Washout Basin	1.00	EA @	\$ 776 = \$ 776.00	100.00	\$ -
		@	\$ = \$		\$ -
* 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		\$ -

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	100.00	\$ - *
Asphalt Pavement	4,132.00	Tons @	\$ 65 = \$ 268,580.00	80.00	\$ 53,716.00 *
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	80.00	\$ 600.00 *
Epoxy Pavement Marking		SF @	\$ 12 = \$		\$ - *
Thermoplastic Pavement Marking		SF @	\$ 22 = \$		\$ - *
Barricade - Type 3	5.00	EA @	\$ 115 = \$ 575.00	80.00	\$ 115.00 *
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 @	\$ 16 = \$ 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	80.00	\$ 4,320.00 *

quantity 22 peds

20 slots

ONLY 2 peds in place.

80%

0%

2000 LF
IN CDS

4100 LF
W/ PENCE
WALK

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	⊕	\$	\$3,584	=	\$			\$	-	*
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	⊕	\$	\$216	=	\$			\$	-	*
66" Reinforced Concrete Pipe		LF	⊕	\$	\$263	=	\$			\$	-	*
72" Reinforced Concrete Pipe		LF	⊕	\$	\$263	=	\$			\$	-	*
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	⊕	\$	\$139	=	\$			\$	-	*
42" Corrugated Steel Pipe		LF	⊕	\$	\$147	=	\$			\$	-	*
48" Corrugated Steel Pipe		LF	⊕	\$	\$169	=	\$			\$	-	*
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	⊕	\$	\$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	⊕	\$	\$7,823	=	\$			\$	-	*
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 6" 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	@	\$	\$98	=	\$		\$	-	*
Channel Lining, Grass		AC	@	\$	\$1,287	=	\$		\$	-	**
Channel Lining, Other Stabilization		SY	@	\$	\$3	=	\$		\$	-	*
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 6</p>											
				Section 2 Subtotal			\$	1,008,149.00		181,539.00	**

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	= \$	\$ -
		@	\$	= \$	\$ -
		@	\$	= \$	\$ -
- 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	80.00 \$ 6,000.00
Tract L Grass lined swale and TSB	1.00	@	\$ 1,000	= \$ 1,000.00	80.00 \$ 200.00
		@	\$	= \$	\$ -
- 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				= \$ 492,481.00	6,200.00


70%
0%

Financial Assurance Totals		
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)	\$	\$750
Total Construction Financial Assurance		\$1,506,324.00
(Sum of all section subtotals)		
Total Remaining Construction Financial Assurance		188,589.00
(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)		

+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.

Engineer	Date
(P.E. Seal)	
	<p>7/10/2019</p> <p>Date</p>
Approved by Owner / Applicant	

Approved by El Paso County Engineer / ECM Administrator	Date
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