

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

8/6/2015

Project Information	
Branding Iron at Starling Ranch Filing No. 1	1/6/2020
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*		CY @	\$ 5	= \$		\$ - *
Permanient Seeding* (Inc. noxious weed mgmt.)		AC @	\$ 582	= \$		\$ - *
Mulching*		AC @	\$ 857	= \$		\$ - *
Permanent Erosion Control Blanket*		SY @	\$ 8	= \$		\$ - *
Temporary Erosion Control Blanket		SY @	\$ 3	= \$		\$ -
Vehicle Tracking Control	1.00	EA @	\$ 1,625	= \$ 1,625.00	100.00	\$ -
Safety Fence		LF @	\$ 3	= \$		\$ -
Silk Fence		LF @	\$ 4	= \$		\$ -
Temporary Seeding		AC @	\$ 485	= \$		\$ -
Temporary Mulch		AC @	\$ 807	= \$		\$ -
Erosion Bales		EA @	\$ 21	= \$		\$ -
Erosion Logs		LF @	\$ 8	= \$		\$ -
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 @	\$ 116	= \$ 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 (8" 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 *

Cross Pan	785.00	SY	⊕	\$ 353	=	\$ 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	⊕	\$ 87	=	\$		\$ - *
Guardrail End Anchorage		EA	⊕	\$ 1,976	=	\$		\$ - *
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	⊕	\$ 89	=	\$		\$ - *
24" Reinforced Concrete Pipe	100.00	LF	⊕	\$ 34	=	\$ 3,400.00	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	⊕	\$ 192	=	\$		\$ - *
60" Reinforced Concrete Pipe		LF	⊕	\$ 216	=	\$		\$ - *
66" Reinforced Concrete Pipe		LF	⊕	\$ 283	=	\$		\$ - *
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	⊕	\$ 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	⊕	\$ 7,923	=	\$		\$ - *
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=		EA	⊕	\$	=	\$		\$ - *
Curb Inlet (Type R) L=		EA	⊕	\$	=	\$		\$ - *
Grated Inlet (Type C), < 5 deep		EA	⊕	\$ 3,270	=	\$		\$ - *
Grated Inlet (Type D), < 5 deep		EA	⊕	\$ 3,906	=	\$		\$ - *
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 8" to 24"		CY	⊕	\$ 38	=	\$		\$ - *
Rip Rap, Grouted		CY	⊕	\$ 215	=	\$		\$ - *
Drainage Channel Construction, Size (W x H)		LF	⊕	\$	=	\$		\$ - *
Channel Lining, Concrete		CY	⊕	\$ 450	=	\$		\$ - *

Channel Lining, Rip Rap		CY	@	\$	\$88	=	\$		\$	-	*
Channel Lining, Grass		AC	@	\$	\$1,267	=	\$		\$	-	*
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>											
							=				
							=	1,008,149.00			
							=	\$	Section 2 Subtotal		181,639.00 **

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	\$ 338	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
- 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	\$ 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, 6"		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 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	7,000.00

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	189,389.00
(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

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date