Estimate Form (with pre-plat construction)

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	0	\$	\$582	=	\$			\$ -
Mulching*		AC	@	\$	\$507	=	\$			\$ Б.
Permanent Erosion Control Blanket*		SY	@	\$	\$6	=	\$			\$
Temporary Erosion Control Blanket		SY	0	\$	\$3		\$			\$ -
Vehicle Tracking Control	1.00	EA	@	\$	\$1,625	=	\$	1,625.00		\$ 1,625,00
Safety Fence		LF	0	\$	\$3	=	\$			\$ *
Silt Fence		LF	@	\$	\$4	=	\$			\$ -
Temporary Seeding		AC	@	\$	\$485	=	\$			\$ -
Temporary Mulch		AC	@	\$	\$507	=	\$			\$
Erosion Bales		EA	@	\$	\$21	=	\$			\$ _
Erosion Logs		LF	0	\$	\$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.			•	Sectio	n 1 Subtota	=	s	4,944.00		\$ 4,944.00

Section 2 - Public Improvements**	Quantity	Units			Price			% Complete	Remaining
- Roadway Improvements				- production			 117 11 11 11 11 11		
Construction Traffic Control		LS	@	\$		=	\$ 		\$ Contraction in the Contraction
Aggregate Base Course	5,553.00	Tons	0	\$	\$18	=,	\$ 99,954.00	700 Distriction of the Park of	\$ 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	=	\$	5.0 ten	\$ 88
Advisory Sign		EA	0	\$	\$100	=	\$		\$ -
Guide/Street Name Sign	5.00	EA	@	\$	\$600		\$ 3,000.00		\$ 3,000.00
Epoxy Pavement Marking		SF	@	\$	\$12	=	\$		\$
Thermoplastic Pavement Marking		SF	0	\$	\$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	- Draw married to be the day	\$ 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	0	\$	\$108	=	\$ 21,600.00		\$ 21,600.00

Cross Pan	785.00	SY	@	\$	\$53	=	\$	41,605.00	ļ \$	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	0	\$	\$1,978	=	\$		\$	
Guardrail Impact Attenuator		EA	@	\$	\$3,564	=	\$		\$	
Sidewalk (5" Thick)	5,465.00	LF	@		\$58	=	\$	316,970.00	\$	216 070 00
	5,105,05			4	400	+	1 2	310,970.00		316,970.00
- Storm Drain Improvements		1	+-			ļ	ļ			
Concrete Box Culvert (M Standard), Size (W x H)		1	@	-		-L_	-			
The state of the s	_	LF	- marijement	\$		=	\$		\$	
Reinforced Concrete Pipe (RCP) Size		LF	@	_		. =	\$		\$	
18" Reinforced Concrete Pipe		LF	@	\$	\$69	=	\$	11.000000000000000000000000000000000000	\$	
24" Reinforced Concrete Pipe	100.00	LF	0	\$	\$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	0	\$	\$134	=	\$		\$	_
48" Reinforced Concrete Pipe		LF	@	\$	\$178	=	\$		\$	
54" Reinforced Concrete Pipe		LF	0	\$	\$182	=	\$		\$	
60" Reinforced Concrete Pipe		LF	@	***	\$216	=	\$		\$	
66" Reinforced Concrete Pipe		LF	@	· -	\$263	=	-		\$	
72" Reinforced Concrete Pipe		LF	0	\$	\$283	=		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$	
Corrugated Steel Pipe (CSP) Size		LF	- @'	\$	ψZ03	=	\$			
18" Corrugated Steel Pipe		LF	@	_	600	1=	-		\$	-
THE TAX THE TA		-	-1-1	\$	\$66	2"	\$		\$	
24" Corrugated Steel Pipe		LF	@	\$	\$96	=	\$		\$	
30" Corrugated Steel Pipe		LF	@	\$	\$101	=	\$_		\$	
36" Corrugated Steel Pipe		LF	@	\$	\$136	=	\$	112	\$	
42" Corrugated Steel Pipe		LF	@	\$	\$147	=	\$		\$	
48" Corrugated Steel Pipe		LF	@'	\$	\$169	! =	\$		\$	
54" Corrugated Steel Pipe		'LF	@	\$	\$193	=	\$		\$	-
60" Corrugated Steel Pipe		LF	@	\$	\$227	1 =	\$		\$	
66" Corrugated Steel Pipe		LF	@	\$	\$278	=	\$		\$	
72" Corrugated Steel Pipe		LF	0	\$	\$330	=	\$		\$	
78" Corrugated Steel Pipe		LF	@	-	\$381	=	\$		\$	/#5
84" Corrugated Steel Pipe	H	LF	@	\$	\$432	=	\$		\$	
Flared End Section (FES) RCP		EA	0	\$	ψ40Z	=	-	lon		
Flared End Section (FES) CSP +		EA	@	\$		=	\$		\$	
End Treatment- Headwall		EA	@	144		+	\$	***************************************	\$	
		*		\$		=	\$		\$	
End Treatment- Wingwall		EA	@	\$		=	\$	VII	\$	
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	0	\$	\$5,044		\$		\$:4
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	\$6,027	=	\$		\$	-
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	@	\$	\$5,528	į = ,	\$		\$	
Curb Inlet (Type R) L =10' , 5'-10' Depth	2.00	EA	@	\$	\$6,694	į =	\$	13,388.00	\$	13,388.00
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$7,500	=	\$	1000, 000	\$	-
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	=	\$		\$	32,000.00
Curb Inlet (Type R) L =20', Depth < 5 feet		EA	@	\$	\$8,000	=				
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	-1 :	-					\$	
		1	-	_	\$8,830	=!	_		\$	
Curb Inlet (Type R) L =','' Depth Curb Inlet (Type R) L =','' Depth		EA	1000	\$		=	\$		\$	3/_
		EA	-	\$		=	\$	14 7000000000000000000000000000000000000	\$	8
Grated Inlet (Type C), < 5' deep	,	EA	@		\$3,270	= 1			\$	175
Grated Inlet (Type D), < 5' deep		EA	@	\$	\$3,908	= '	\$		\$	3
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	; = i	\$		\$	-
Geotextile (Erosion Control)		SY	@	\$	\$5	=]	\$		\$	- "
Rip Rap, d50 Size from 6" to 24"		CY	@!	\$	\$98	=	\$	/~~	\$	
Rip Rap, Grouted		CY	@ ;	\$	\$215	=	\$	err o nerve de la familia	\$	- I
Drainage Channel Construction, Size (W x H)		LF		\$		=	\$	-	\$	~
Channel Lining, Concrete		CY	@	4	\$450	=	\$		\$	

minimum of 20% to be retained up to preliminary acceptance process. + For flared end sections, multiply pipe LF cost by 6		8	Sectio	n 2 Subtota	= : : :	1,008,149.00	1,	,008,149.00 **
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A	_	_ !!		and application of the same				
Permanent Water Quality Facility (Describe)	EA	@	\$		=	\$	\$	- *
Detention Emergency Spillway	EA	@	\$		=	\$	\$	_ *
Detention Outlet Structure	EA.	@	\$		=	\$	\$	- *
Channel Lining, Other Stabilization	SY	@	\$	\$3	=	\$	\$	121 *
Channel Lining, Grass	AC	@	\$	\$1,287	= 1	\$	\$	- *
Channel Lining, Rip Rap	CY	@	\$	\$98	= !	\$	\$	_ *

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		m vada 9	Price				% Complete		Remaining
- Roadway Improvements							Maria and Maria and America	ar district a series			
(Include any applicable items from above Public		<u> </u>	@	\$		=	\$			\$	-
mprovements list, that are to be private and NOT maintained by El Paso County)			@	\$		=	\$			\$	-
mantanted by Life and Country)		j	@	\$		=	\$			\$	E
Concrete Sidewalk		SY	0	\$	\$38	=	\$			\$	340
· · · · · · · · · · · · · · · · · · ·			@	\$		=	\$			\$	
			@	\$		=	\$		-	\$	-
- Storm Drain Improvements		ļ.						rice Militario del Carlo de Arena y F. 1988. Y 1988.	100 00000000000000000000000000000000000	The second second second	
Include any applicable items from above Public			0	\$		=	\$			\$	
Improvements list, that are to be private and NOT maintained by E! Paso County)			@	\$		[= l	\$			\$	120
maintained by E: 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	\$	1,000.00		\$	1,000.00
			@	\$		=	\$			\$	80
- Water System Improvements								1 8000000000000000000000000000000000000	-		
Nater Main Pipe (PVC), Size 8"	1,402.00	LF	@:	\$	\$94	= ,	\$	131,788.00		\$	131,788.00
Vater Main Pipe (Ductile Iron), Size 8"		LF	@	\$	\$137	=	\$		1	\$	-
Sate Valves, 8"		EA	@	\$	\$1,852	=	\$			\$	
Fire Hydrant Assembly w/ all valves	5.00	EA	0	\$	\$6,430	= 1	\$	32,150.00		\$	32,150.00
Nater Service Line Installation, including tap and valves	51.00	EA	@;	\$	1,253	=	\$	63,903.00	· · · · · · · · · · · · · · · · · · ·	\$	63,903.00
ire Cistern Installation, complete		EA	@	\$		=	\$			\$	
- Sanitary Sewer Improvements		-	-			++	MAPER Terretor (1)				
Sewer Main Pipe (PVC), Size 8"	1,371.00	LF	0	\$	\$94	=,	\$	128,874.00		\$	128,874.00
Sanitary Sewer Manhole, Depth < 15 feet	6.00	EA	@	\$	\$4,575	3 =	\$	27,450.00		\$	27,450.00
Sanitary Service Line Installation, complete	51.00	EA	0	\$	1,516	=	\$	77,316.00		\$	77,316.00
Sanitary Sewer Lift Station, complete		EA	@	\$		=	\$			\$	<u> </u>
- Landscaping (If Applicable) List landscaping line items and cost - usually only in	THE STATE OF THE S					+	/		· Article Control Action on Stranger Co.		Address to the same of the sam
List landscaping line items and cost - usually only in asse of subdivision specific condition of approval, or PUD)		EA	0	\$		=	\$		a a second and the second seco	\$	-
· · · · · · · · · · · · · · · · · · ·		EA	0	\$			\$			_	
		EA	0	_		1=1	\$			\$	
Channel Wide of the Section Committee of the Committee of		EA	@	\$		=	\$			\$	
_		EA	@	\$		=	\$			\$	-
**items in this section are not subject to defect variantly financial assurance		· was		-			Communication Communication		and a second		to past the terminal to
railanty intandal assulante			S	ection	3 Subtota	=1	\$	492,481.00			492,481.00

Financial Assurance Totals		Windows III	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMEN	ITS)	\$	\$750
(Inc. survey to verify detention pond volumes.)	Total Constru	ction Financial Assurance	\$1,506,324.00
		(Sum of all section subtotals)	
Total	Remaining Constru	ction Financial Assurance	1,506,324.00
	(Sum of all section tot	als less credit for items complete)	and Andrews
	Total Defect War	ranty Financial Assurance	\$201,629.80
(20% of all items identified as public improvements	s(*). To be collateralized a	at time of preliminary acceptance)	
Approvals			
I hereby certify that this is an accurate and complete estimate of costs for the work as shown	n on the approved Constr	uction Drawings associated with the I	Project.
Engineer (P.E. Seal)	Date	O REG	
		37160	
Approved by Owner / Applicant	D.1.	- IIII ESSIDUAL EN	All Hely
LOWING DAY OWNER / Applicant	Date 1	5/2018	line.
Approved by El Paso Couny Engineer / ECM Administrator	Date	/	
Approved		Grant Cal	

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

