

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

Project Information	
REDTAIL RANCH FILING NO. 1	7/9/2018
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*	10,000.00	CY @	\$ 5	= \$	50,000.00	\$ 50,000.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	4.50	AC @	\$ 582	= \$	2,619.00	\$ 2,619.00 *
Mulching*	4.50	AC @	\$ 507	= \$	2,281.50	\$ 2,281.50 *
Permanent Erosion Control Blanket*		SY @	\$ 6	= \$		\$ - *
Temporary Erosion Control Blanket		SY @	\$ 3	= \$		\$ -
Vehicle Tracking Control	2.00	EA @	\$ 1,625	= \$	3,250.00	\$ 3,250.00
Safety Fence		LF @	\$ 3	= \$		\$ -
Silt Fence	1,790.00	LF @	\$ 4	= \$	7,160.00	\$ 7,160.00
Temporary Seeding	3.30	AC @	\$ 485	= \$	1,600.50	\$ 1,600.50
Temporary Mulch	3.30	AC @	\$ 507	= \$	1,673.10	\$ 1,673.10
Erosion Bales		EA @	\$ 21	= \$		\$ -
Erosion Logs		LF @	\$ 6	= \$		\$ -
Rock Ditch Checks		EA @	\$	= \$		\$ -
Inlet Protection	3.00	EA @	\$ 153	= \$	459.00	\$ 459.00
Sediment Basin	2.00	EA @	\$ 1,625	= \$	3,250.00	\$ 3,250.00
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				= \$	73,069.10	\$ 73,069.10

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
- Roadway Improvements						
Construction Traffic Control	1.00	LS @	\$ 2,000	= \$	2,000.00	\$ 2,000.00 *
Aggregate Base Course (Locals roads)	3,750.00	Tons @	\$ 18	= \$	67,500.00	\$ 67,500.00 *
Asphalt Pavement (Local roads)	3,350.00	Tons @	\$ 65	= \$	217,750.00	\$ 217,750.00 *
Raised Median, Paved		SF @	\$ 7	= \$		\$ - *
Electrical Conduit, Size =		LF @	\$ 14	= \$		\$ - *
Traffic Signal, complete intersection		EA @	\$ 250,000	= \$		\$ - *
Regulatory Sign	2.00	EA @	\$ 100	= \$	200.00	\$ 200.00 *
Advisory Sign	2.00	EA @	\$ 100	= \$	200.00	\$ 200.00 *
Guide/Street Name Sign	3.00	EA @	\$ 300	= \$	900.00	\$ 900.00 *
Epoxy Pavement Marking		SF @	\$ 12	= \$		\$ - *
Thermoplastic Pavement Marking (Round-about markings)		SF @	\$ 22	= \$		\$ - *
Barricade - Type 3		EA @	\$ 115	= \$		\$ - *
Delineator (Type I)		EA @	\$ 21	= \$		\$ - *
Curb and Gutter, Type C (Ramp)		LF @	\$ 21	= \$		\$ - *
Curb and Gutter, Type E Modified (4" mountable island)		LF @	\$ 13	= \$		\$ - *
Curb and Gutter, Type B (Round-about entry medians)		LF @	\$ 13	= \$		\$ - *
Pedestrian Ramp		SY @	\$ 108	= \$		\$ - *
Cross Pan		SY @	\$ 53	= \$		\$ - *
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	@	\$ 3,564	=	\$		\$ -	*
Sound Barrier Fence		LF	@	\$ 100	=	\$		\$ -	*
Concrete Sidewalk (5" thickness)		SY	@	\$ 58	=	\$		\$ -	*
- Storm Drain Improvements									
Concrete Box Culvert (M Standard), Size Dual (10 x 4)		LF	@	\$	=	\$		\$ -	*
Reinforced Concrete Pipe (RCP) Size		LF	@	\$	=	\$		\$ -	*
18" Reinforced Concrete Pipe	50.00	LF	@	\$ 69	=	\$ 3,450.00		\$ 3,450.00	*
24" Reinforced Concrete Pipe	45.00	LF	@	\$ 84	=	\$ 3,780.00		\$ 3,780.00	*
30" Reinforced Concrete Pipe	72.00	LF	@	\$ 94	=	\$ 6,768.00		\$ 6,768.00	*
36" Reinforced Concrete Pipe		LF	@	\$ 124	=	\$		\$ -	*
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) 18" †	2.00	EA	@	\$ 414	=	\$ 828.00		\$ 828.00	*
Flared End Section (FES) 24"	2.00	EA	@	\$ 504	=	\$ 1,008.00		\$ 1,008.00	*
Flared End Section (FES) 30"	2.00	EA	@	\$ 564	=	\$ 1,128.00		\$ 1,128.00	*
Flared End Section (FES) 36"		EA	@	\$ 744	=	\$		\$ -	*
Flared End Section (FES) 48"		EA	@	\$ 1,068	=	\$		\$ -	*
Flared End Section (FES) CSP †		EA	@	\$	=	\$		\$ -	*
End Treatment- Headwall		EA	@	\$ 4,000	=	\$		\$ -	*
End Treatment- Wingwall		EA	@	\$ 10,000	=	\$		\$ -	*
End Treatment - Cutoff Wall		EA	@	\$ 3,000	=	\$		\$ -	*
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$ 3,791	=	\$		\$ -	*
Curb Inlet (Type R) L=4', 5'-10' Depth		EA	@	\$ 5,300	=	\$		\$ -	*
Curb Inlet (Type R) L =6' , 5'-10' Depth		EA	@	\$ 6,000	=	\$		\$ -	*
Curb Inlet (Type R) L =8' , 5'-10' Depth		EA	@	\$ 7,000	=	\$		\$ -	*
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$ 7,500	=	\$		\$ -	*
Curb Inlet (Type R) L =12' , 5'-10' Depth		EA	@	\$ 8,300	=	\$		\$ -	*
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$ 7,923	=	\$		\$ -	*
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	@	\$ 8,000	=	\$		\$ -	*
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		EA	@	\$ 8,592	=	\$		\$ -	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$ 4,575	=	\$		\$ -	*
Geotextile (Erosion Control) Roadside ditches		SY	@	\$ 5	=	\$		\$ -	*
Rip Rap, d50 Size from 6" to 24"	20.00	CY	@	\$ 98	=	\$ 1,960.00		\$ 1,960.00	*
Rip Rap, Grouted		CY	@	\$ 215	=	\$		\$ -	*
Drainage Channel Construction, Size (W x H)		LF	@	\$	=	\$		\$ -	*
Channel Lining, Concrete		CY	@	\$ 450	=	\$		\$ -	*
Channel Lining, Rip Rap		CY	@	\$ 98	=	\$		\$ -	*

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$	<u>\$2,000</u>
(Inc. survey to verify detention pond volumes.)	Total Construction Financial Assurance	<u>\$418,541.10</u>
	(Sum of all section subtotals)	
	Total Remaining Construction Financial Assurance	<u>418,541.10</u>
	(Sum of all section totals less credit for items complete)	
	Total Defect Warranty Financial Assurance	<u>\$79,674.50</u>
	(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

(P.E. Seal)

Date

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date