

wrong project

Please use new FAE form. It can be found on the county website. Due to expected redesign of the roadway, a full review will be done with the re-submittal.

12-26-18

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

PCD FILE NO. PPR MS196

<b>Project Information</b>	
Appaloosa Hwy 24 Subdivision Filing 1A Lot 2	5/2/2019
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*	3,500.00	CY	@ \$ 5	= \$	17,500.00	\$ 17,500.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	1.50	AC	@ \$ 582	= \$	873.00	\$ 873.00 *
Mulching*	1.50	AC	@ \$ 507	= \$	760.50	\$ 760.50 *
Permanent Erosion Control Blanket*		SY	@ \$ 6	= \$		\$ - *
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	1,575.00	LF	@ \$ 4	= \$	6,300.00	\$ 6,300.00
Temporary Seeding	1.50	AC	@ \$ 485	= \$	727.50	\$ 727.50
Temporary Mulch	1.50	AC	@ \$ 507	= \$	760.50	\$ 760.50
Erosion Bales	30.00	EA	@ \$ 21	= \$	630.00	\$ 630.00
Erosion Logs		LF	@ \$ 6	= \$		\$ -
Rock Ditch Checks		EA	@ \$	= \$		\$ -
Inlet Protection	2.00	EA	@ \$ 153	= \$	306.00	\$ 306.00
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.						
<b>Section 1 Subtotal</b>				= \$	31,883.50	\$ 31,883.50

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
Construction Traffic Control	1.00	LS	@ \$ 1,000	= \$	1,000.00	\$ 1,000.00 *
Aggregate Base Course	582.00	Tons	@ \$ 18	= \$	10,476.00	\$ 10,476.00 *
Asphalt Pavement	337.00	Tons	@ \$ 65	= \$	21,905.00	\$ 21,905.00 *
Raised Median, Paved		SF	@ \$ 7	= \$		\$ - *
Electrical Conduit, Size =		LF	@ \$ 14	= \$		\$ - *
Traffic Signal, complete intersection		EA	@ \$ 250,000	= \$		\$ - *
Regulatory Sign	1.00	EA	@ \$ 100	= \$	100.00	\$ 100.00 *
Advisory Sign		EA	@ \$ 100	= \$		\$ - *
Guide/Street Name Sign	1.00	EA	@ \$	= \$		\$ - *
Epoxy Pavement Marking		SF	@ \$ 12	= \$		\$ - *
Thermoplastic Pavement Marking		SF	@ \$ 22	= \$		\$ - *
Barricade - Type 3		EA	@ \$ 115	= \$		\$ - *
Delineator (Type I)		EA	@ \$ 21	= \$		\$ - *
Curb and Gutter, Type C (Ramp)		LF	@ \$ 21	= \$		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	@ \$ 16	= \$		\$ - *
Curb and Gutter, Type B (Median)		LF	@ \$ 13	= \$		\$ - *
Pedestrian Ramp		SY	@ \$ 108	= \$		\$ - *

Cross Pan			SY	@	\$	\$53	=	\$		\$	-	*
Curb Chase			EA	@	\$	\$1,300	=	\$		\$	-	*
Concrete Sidewalk			SF	@	\$	\$3	=	\$		\$	-	*
Guardrail Type 7 (Concrete)			LF	@	\$	\$67	=	\$		\$	-	*
Guardrail End Anchorage			EA	@	\$	\$1,978	=	\$		\$	-	*
Guardrail Impact Attenuator			EA	@	\$	\$3,564	=	\$		\$	-	*
Sound Barrier Fence			LF	@	\$	\$100	=	\$		\$	-	*
<b>- Storm Drain Improvements</b>												
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			LF	@	\$	\$84	=	\$		\$	-	*
38"x24" RCEP		90.00	LF	@	\$	\$94	=	\$	8,460.00	\$	8,460.00	*
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) RCP 24"			EA	@	\$	700	=	\$		\$	-	*
Flared End Section (FES) RCP 38"x24"		2.00	EA	@	\$	800	=	\$	1,600.00	\$	1,600.00	*
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			EA	@	\$	\$6,694	=	\$		\$	-	*
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			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)			SY	@	\$	\$5	=	\$		\$	-	*
Rip Rap, d50 Size from 6" to 24"		5.00	CY	@	\$	\$98	=	\$	490.00	\$	490.00	*
Rip Rap, Grouted			CY	@	\$	\$215	=	\$		\$	-	*
Drainage Channel Construction, Size ( W x H )			LF	@	\$		=	\$		\$	-	*

Channel Lining, Concrete		CY	@	\$	\$450	=	\$		\$	-	*
Channel Lining, Rip Rap		CY	@	\$	\$98	=	\$		\$	-	*
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	@	\$		=	\$		\$	-	*
* 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						=					
					<b>Section 2 Subtotal</b>	=	\$	44,031.00		44,031.00	**

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price		% Complete	Remaining	
<b>- Roadway Improvements</b>							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -	
		@	\$	=	\$	\$ -	
		@	\$	=	\$	\$ -	
		SY	\$ 338	=	\$	\$ -	
		@	\$	=	\$	\$ -	
		@	\$	=	\$	\$ -	
<b>- Storm Drain Improvements</b>							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -	
		@	\$	=	\$	\$ -	
		@	\$	=	\$	\$ -	
			5,000	=	\$	\$ -	
		LF	\$69	=	\$	\$ -	
30" CMP Pipe	60.00	LF	\$75	=	\$ 4,500.00	\$ 4,500.00	
		LF	75	=	\$	\$ -	
Flared End Section (FES) HDPE	30"	2.00	EA	500	=	\$ 1,000.00	\$ 1,000.00
			EA	600	=	\$	\$ -
Detention Outlet Structure			EA	5,000	=	\$	\$ -
Detention Emergency Spillway			EA	@ \$ 1,500	=	\$	\$ -
Rip Rap, d50 Size from 6" to 24"	5.00	CY	@ \$ 98	=	\$ 490.00	\$ 490.00	
			@ \$	=	\$	\$ -	
<b>- Water System Improvements</b>							
Water Main Pipe (PVC), Size 8"		LF	@ \$ 94	=	\$	\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	@ \$ 137	=	\$	\$ -	
Gate Valves, 8"		EA	@ \$ 1,852	=	\$	\$ -	
Fire Hydrant Assembly w/ all valves		EA	@ \$ 6,430	=	\$	\$ -	
Water Service Line Installation, including tap and valves		EA	@ \$ 1,253	=	\$	\$ -	
Fire Cistem Installation, complete		EA	@ \$	=	\$	\$ -	
<b>- Sanitary Sewer Improvements</b>							
Sewer Main Pipe (PVC), Size 8"		LF	@ \$ 94	=	\$	\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	@ \$ 4,575	=	\$	\$ -	
Sanitary Service Line Installation, complete		EA	@ \$ 1,516	=	\$	\$ -	
Sanitary Sewer Lift Station, complete		EA	@ \$ 1,516	=	\$	\$ -	
<b>- Landscaping (If Applicable)</b>							
(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							
				<b>Section 3 Subtotal</b>	= \$ 5,990.00	5,990.00	

<b>Financial Assurance Totals</b>	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$ 1,500
( Inc. survey to verify detention pond volumes.)	<b>Total Construction Financial Assurance</b> <u>\$83,404.50</u>
	(Sum of all section subtotals)
	<b>Total Remaining Construction Financial Assurance</b> <u>83,404.50</u>
	(Sum of all section totals less credit for items complete)
	<b>Total Defect Warranty Financial Assurance</b> <u>\$12,632.90</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.

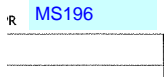
Engineer <div style="text-align: center; margin-top: 20px;">(P.E. Seal)</div>	Date
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date

# Markup Summary

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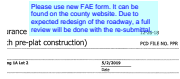
Daniel Torres (3)

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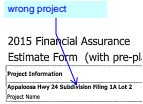
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MS196



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Please use new FAE form. It can be found on the county website. Due to expected redesign of the roadway, a full review will be done with the re-submittal.



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