Please use the recently updated 2019 FAE form

2017 Financial Assurance Estimate Form
(with pre-plat construction)

PPR1925

Updated: 3/23/17

PROJECT INFORMATION

The Sod Guy	**2/25/2019**	
Project Name	**Date**	**PCD File No.**

Description	Quantity	Units	Price		Total	(with Pre-plat Construction) % Complete	Remaining	
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)								
* Earthwork	650.00	CY	$ 9	=	$ 5,850		$ 5,850	*
* Permanent Seeding (inc. noxious weed mgmnt.)	0.12	AC	$ 582	=	$ 70		$ 70	*
* Mulching	0.12	AC	$ 527	=	$ 63		$ 63	*
* Permanent Erosion Control Blanket		SY	$ 6	=	$ -		$ -	*
* Permanent Pond/BMP Construction		CY	$ 19	=	$ -		$ -	*
* Permanent Pond/BMP (Spillway)		EA		=	$ -		$ -	*
* Permanent Pond/BMP (Outlet Structure)		EA		=	$ -		$ -	*
Temporary Erosion Control Blanket		SY	$ 3	=	$ -		$ -	
Vehicle Tracking Control	2.00	EA	$ 2,242	=	$ 4,484		$ 4,484	
Safety Fence		LF	$ 3	=	$ -		$ -	
Silt Fence	250.00	LF	$ 4	=	$ 1,000		$ 1,000	
Temporary Seeding		AC	$ 582	=	$ -		$ -	
Temporary Mulch		AC	$ 527	=	$ -		$ -	
Erosion Bales		EA	$ 24	=	$ -		$ -	
Erosion Logs		LF	$ 6	=	$ -		$ -	
Rock Check Dams		EA	$ 195	=	$ -		$ -	
Inlet Protection	1.00	EA	$ 158	=	$ 158		$ 158	
Sediment Basin		EA	$ 1,667	=	$ -		$ -	
Concrete Washout Basin	1.00	EA	$ 1,000	=	$ 1,000		$ 1,000	
				=	$ -		$ -	
[insert items not listed but part of construction plans]				=	$ -		$ -	
MAINTENANCE (35% of Construction BMPs)				=	$ 2,325		$ 2,325	
				s	**14,950**		**$ 14,950**	

* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

These improvements are private and do not need to be listed in the FAE.

SECTION 2 - PUBLIC IMPROVEMENTS *								
ROADWAY IMPROVEMENTS								
Construction Traffic Control	1.00	LS	$ 10,000	=	$ 10,000		$ 10,000	*
Aggregate Base Course (150 lbs/cf)	185.00	Tons	$ 24	=	$ 4,440		$ 4,440	*
Asphalt Pavement (135 lbs/cf)	38.00	Tons	$ 83	=	$ 3,154		$ 3,154	*
Raised Median, Paved		SF	$ 8	=	$ -		$ -	*
Regulatory Sign		EA	$ 177	=	$ -		$ -	*
Advisory Sign		EA	$ 177	=	$ -		$ -	*
Guide/Street Name Sign		EA		=	$ -		$ -	*
Epoxy Pavement Marking		SF	$ 12	=	$ -		$ -	*
Thermoplastic Pavement Marking		SF	$ 22	=	$ -		$ -	*
Barricade - Type 3		EA	$ 118	=	$ -		$ -	*
Delineator - Type I		EA	$ 23	=	$ -		$ -	*
Curb and Gutter, Type A (6" Vertical)	375.00	LF	$ 17	=	$ 6,375		$ 6,375	*
Curb and Gutter, Type B (Median)		LF	$ 19	=	$ -		$ -	*
Curb and Gutter, Type C (Ramp)		LF	$ 23	=	$ -		$ -	*
4" Sidewalk		SY	$ 46	=	$ -		$ -	*
5" Sidewalk		SY	$ 58	=	$ -		$ -	*
6" Sidewalk		SY	$ 69	=	$ -		$ -	*
8" sidewalk		SY	$ 92		$ -		$ -	*

PROJECT INFORMATION							
The Sod Guy			2/25/2019				
Project Name			Date		PCD File No.		
Description	Quantity	Units	Price	Total	% Complete (with Pre-plat Construction)	Remaining	
Pedestrian Ramp		SY	$ 143	= $ -		$ -	*
Cross Pan	250.00	SY	$ 57	= $ 14,250		$ 14,250	*
Curb Chase		EA	$ 1,400	= $ -		$ -	*
Guardrail Type 3 (W-Beam)		LF	$ 46	= $ -		$ -	*
Guardrail Type 7 (Concrete)		LF	$ 68	= $ -		$ -	*
Guardrail End Anchorage		EA	$ 1,985	= $ -		$ -	*
Guardrail Impact Attenuator		EA	$ 3,564	= $ -		$ -	*
Sound Barrier Fence		LF	$ 108	= $ -		$ -	*
Electrical Conduit, Size =		LF	$ 15	= $ -		$ -	*
Traffic Signal, complete intersection		EA	$ 250,000	= $ -		$ -	*
				= $ -		$ -	*
[insert items not listed but part of construction plans]				= $ -		$ -	*
STORMDRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		= $ -		$ -	*
18" Reinforced Concrete Pipe		LF	$ 84	= $ -		$ -	*
24" Reinforced Concrete Pipe		LF	$ 99	= $ -		$ -	*
30" Reinforced Concrete Pipe		LF	$ 117	= $ -		$ -	*
36" Reinforced Concrete Pipe		LF	$ 157	= $ -		$ -	*
42" Reinforced Concrete Pipe		LF	$ 186	= $ -		$ -	*
48" Reinforced Concrete Pipe		LF	$ 243	= $ -		$ -	*
54" Reinforced Concrete Pipe		LF	$ 278	= $ -		$ -	*
60" Reinforced Concrete Pipe		LF	$ 300	= $ -		$ -	*
66" Reinforced Concrete Pipe		LF	$ 333	= $ -		$ -	*
72" Reinforced Concrete Pipe		LF	$ 367	= $ -		$ -	*
18" Corrugated Steel Pipe		LF	$ 71	= $ -		$ -	*
24" Corrugated Steel Pipe		LF	$ 103	= $ -		$ -	*
30" Corrugated Steel Pipe		LF	$ 109	= $ -		$ -	*
36" Corrugated Steel Pipe		LF	$ 147	= $ -		$ -	*
42" Corrugated Steel Pipe		LF	$ 159	= $ -		$ -	*
48" Corrugated Steel Pipe		LF	$ 183	= $ -		$ -	*
54" Corrugated Steel Pipe		LF	$ 208	= $ -		$ -	*
60" Corrugated Steel Pipe		LF	$ 245	= $ -		$ -	*
66" Corrugated Steel Pipe		LF	$ 301	= $ -		$ -	*
72" Corrugated Steel Pipe		LF	$ 356	= $ -		$ -	*
78" Corrugated Steel Pipe		LF	$ 411	= $ -		$ -	*
84" Corrugated Steel Pipe		LF	$ 467	= $ -		$ -	*
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA		= $ -		$ -	*
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		= $ -		$ -	*
End Treatment- Headwall		EA		= $ -		$ -	*
End Treatment- Wingwall		EA		= $ -		$ -	*
End Treatment - Cutoff Wall		EA		= $ -		$ -	*
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	$ 5,243	= $ -		$ -	*
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	$ 6,800	= $ -		$ -	*
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	$ 7,895	= $ -		$ -	*
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	$ 7,216	= $ -		$ -	*
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	$ 7,437	= $ -		$ -	*
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	$ 9,310	= $ -		$ -	*
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	$ 9,383	= $ -		$ -	*
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	$ 10,060	= $ -		$ -	*
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	$ 11,000	= $ -		$ -	*

PROJECT INFORMATION

The Sod Guy		2/25/2019		
Project Name		**Date**		**PCD File No.**

Description	Quantity	Units	Price		Total	% Complete (with Pre-plat Construction)	Remaining	
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	$ 10,000	=	$ -		$ -	*
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	$ 11,038	=	$ -		$ -	*
Grated Inlet (Type C), < 5' deep		EA	$ 4,390	=	$ -		$ -	*
Grated Inlet (Type D), < 5' deep		EA	$ 5,422	=	$ -		$ -	*
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	$ 11,000	=	$ -		$ -	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	$ 6,050	=	$ -		$ -	*
Geotextile (Erosion Control)		SY	$ 6	=	$ -		$ -	*
Rip Rap, d50 Size from 6" to 24"		CY	$ 88	=	$ -		$ -	*
Rip Rap, Grouted		CY	$ 215	=	$ -		$ -	*
Drainage Channel Construction, Size (W x H)		LF		=	$ -		$ -	*
Drainage Channel Lining, Concrete		CY	$ 539	=	$ -		$ -	*
Drainage Channel Lining, Rip Rap		CY	$ 106	=	$ -		$ -	*
Drainage Channel Lining, Grass		AC	$ 1,390	=	$ -		$ -	*
Drainage Channel Lining, Other Stabilization				=	$ -		$ -	*
				=	$ -		$ -	*
[insert items not listed but part of construction plans]				=	$ -		$ -	*
Section 2 Subtotal				=	**$ 53,169**		**$ 53,169**	*

* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)**

ROADWAY IMPROVEMENTS

				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	

STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)

				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	
				=	$ -		$ -	

WATER SYSTEM IMPROVEMENTS

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, inc. tap and valves	1.00	EA	$ 1,253	=	$ 1,253		$ 1,253	
Fire Cistern Installation, complete		EA		=	$ -		$ -	
				=	$ -		$ -	
[insert items not listed but part of construction plans]				=	$ -		$ -	

SANITARY SEWER IMPROVEMENTS

Sewer Main Pipe (PVC), Size 8"		LF	$ 94	=	$ -		$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	$ 4,575	=	$ -		$ -	
Sanitary Service Line Installation, complete	1.00	EA	$ 1,516	=	$ 1,516		$ 1,516	
Sanitary Sewer Lift Station, complete		EA		=	$ -		$ -	
				=	$ -		$ -	
[insert items not listed but part of construction plans]				=	$ -		$ -	

LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)

PROJECT INFORMATION						
The Sod Guy		2/25/2019				
Project Name		Date			PCD File No.	
Description	Quantity	Units	Price	Total	% Complete (with Pre-plat Construction)	Remaining
		EA	=	$ -		$ -
		EA	=	$ -		$ -
		EA	=	$ -		$ -
		EA	=	$ -		$ -
		EA	=	$ -		$ -
** - Section 3 is not subject to defect warranty		Section 3 Subtotal	=	$ 2,769		$ 2,769
AS-BUILTS (Public Improvements)		LS	=	$ -		$ -
Pond Verification (survey to verify pond volumes)		LS	=	$ -		$ -
					Total Construction Financial Assurance	$ 70,888
					(Sum of all section subtotals plus as-builts and pond verification)	
					Total Remaining Construction Financial Assurance (with pre-plat construction)	$ 70,888
					(Sum of all section totals less credit for items complete plus as-builts and pond verification)	
					Total Defect Warranty Financial Assurance	$ 11,830
					(20% of all items identified as (*). 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.

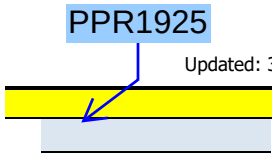
Engineer (P.E. Seal Required) Date

Approved by Owner / Applicant Date

Approved by El Paso Couny Engineer / ECM Administrator Date

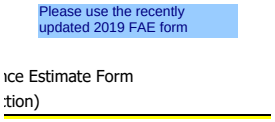
FAE_v1-redline.pdf Markup Summary

dsdgrimm (3)



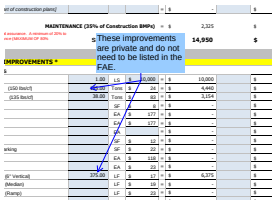
Subject: Engineer
Page Label: 1
Lock: Unlocked
Author: dsdgrimm
Date: 6/18/2019 2:36:13 PM
Status:
Color:
Layer:
Space:

PPR1925



Subject: Engineer
Page Label: 1
Lock: Unlocked
Author: dsdgrimm
Date: 6/18/2019 2:36:39 PM
Status:
Color:
Layer:
Space:

Please use the recently updated 2019 FAE form



Subject: Engineer
Page Label: 1
Lock: Unlocked
Author: dsdgrimm
Date: 6/18/2019 2:52:06 PM
Status:
Color:
Layer:
Space:

These improvements are private and do not need to be listed in the FAE.