

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

Updated: 3/23/17

PROJECT INFORMATION						
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		CY	\$ 9	= \$ -		\$ - *
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$ 582	= \$ -		\$ - *
* Mulching		AC	\$ 527	= \$ -		\$ - *
* 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	1.00	EA	\$ 2,242	= \$ 2,242		\$ 2,242
Safety Fence		LF	\$ 3	= \$ -		\$ -
Silt Fence	300.00	LF	\$ 4	= \$ 1,200		\$ 1,200
Temporary Seeding	3.00	AC	\$ 582	= \$ 1,746		\$ 1,746
Temporary Mulch		AC	\$ 527	= \$ -		\$ -
Erosion Bales	2.00	EA	\$ 24	= \$ 48		\$ 48
Erosion Logs	961.00	LF	\$ 6	= \$ 5,766		\$ 5,766
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)				= \$ 4,256		\$ 4,256
SECTION 1 SUBTOTAL				= \$ 16,416		\$ 16,416
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ - *
Aggregate Base Course (150 lbs/cf)		Tons	\$ 24	= \$ -		\$ - *
Asphalt Pavement (135 lbs/cf)		Tons	\$ 83	= \$ -		\$ - *
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)		LF	\$ 17	= \$ -		\$ - *
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	= \$ -		\$ - *

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

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Pedestrian Ramp		SY	\$ 143	= \$ -		\$ - *
Cross Pan		SY	\$ 57	= \$ -		\$ - *
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	= \$ -		\$ - *
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	\$ 10,000	= \$ -		\$ - *

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Project Name _____ Date _____ PCD File No. _____

Description	Quantity	Units	Price	Total	(with Pre-plat Construction)	
					% Complete	Remaining
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]				= \$ -		\$ - *

There are no quantities filled out in section 2. Please be sure this amount is correct.

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

Section 2 Subtotal = \$ 16,416 \$ 16,416 *

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)

This item is not under Section 1. Please include the Permanent Stormwater Management Facility in the FAE.

				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -

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		EA	\$ 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		EA	\$ 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)

		EA		= \$ -		\$ -
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Project Name		Date		PCD File No.		
Description	Quantity	Units	Price	Total	(with Pre-plat Construction)	
					% Complete	Remaining
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
** - Section 3 is not subject to defect warranty				Section 3 Subtotal =	\$ -	\$ -
AS-BUILTS (Public Improvements)						
		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -
Total Construction Financial Assurance					\$	32,832
(Sum of all section subtotals plus as-builts and pond verification)						
Total Remaining Construction Financial Assurance (with pre-plat construction)					\$	32,832
(Sum of all section totals less credit for items complete plus as-builts and pond verification)						
Total Defect Warranty Financial Assurance					\$	3,283
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

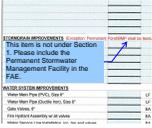
Approvals

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 County Engineer / ECM Administrator	Date

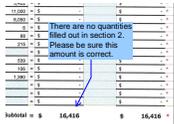
Markup Summary

Locked (2)



Subject: Engineer
Page Label: 3
Lock: Locked
Author: dsdgrimm
Date: 7/9/2018 11:03:42 AM
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This item is not under Section 1. Please include the Permanent Stormwater Management Facility in the FAE.



Subject: Engineer
Page Label: 3
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Date: 7/9/2018 11:03:43 AM
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There are no quantities filled out in section 2. Please be sure this amount is correct.