

2016 Financial Assurance Estimate Form (with pre-plat construction)

PCD Fil No. SF189

Project Information

Paint Brush Hills Filing No. 13E

7/31/2019

Project Name

Date

Section 1 - Grading and Erosion Control BMPs

SEE SEPARATE GRADING/EROSION CONTROL
FAE FOR EARLY GRADING

	Quantity	Units	Price		% Complete	Remaining
Earthwork*		CY @	\$ \$5	= \$		\$ -
Permanent Seeding* (inc. noxious weed mgmnt.)		AC @	\$ \$582	= \$		\$ -
Mulching*		AC @	\$ \$507	= \$		\$ -
Permanent Erosion Control Blanket*		SY @	\$ \$6	= \$		\$ -
Temporary Erosion Control Blanket		SY @	\$ \$3	= \$		\$ -
Vehicle Tracking Control		EA @	\$ \$1,625	= \$		\$ -
Safety Fence		LF @	\$ \$3	= \$		\$ -
Silt Fence		LF @	\$ \$4	= \$		\$ -
Temporary Seeding		AC @	\$ \$485	= \$		\$ -
Temporary Mulch		AC @	\$ \$507	= \$		\$ -
Erosion Bales		EA @	\$ \$21	= \$		\$ -
Erosion Logs		LF @	\$ \$6	= \$		\$ -
Rock Ditch Checks		EA @	\$	= \$		\$ -
Inlet Protection		EA @	\$ \$153	= \$		\$ -
Sediment Basin		EA @	\$ \$1,625	= \$		\$ -
Concrete Washout Basin		EA @	\$ \$776	= \$		\$ -
		@	\$	= \$		\$ -
Section 1 Subtotal				\$		\$

* 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 2 - Public Improvements**

- Roadway Improvements

	Quantity	Units	Price		% Complete	Remaining
Construction Traffic Control (Along Londonderry)	1.00	LS @	\$ 2,000	= \$ 2,000.00	80.00	\$ 400.00
Aggregate Base Course	17,000.00	Tons @	\$ 18	= \$ 306,000.00	80.00	\$ 61,200.00
Asphalt Pavement	10,500.00	Tons @	\$ 65	= \$ 682,500.00	80.00	\$ 136,500.00
Raised Median, Paved		SF @	\$ 7	= \$		\$ -
Electrical Conduit, Size =		LF @	\$ 14	= \$		\$ -
Traffic Signal, complete intersection		EA @	\$ \$250,000	= \$		\$ -
Regulatory Sign	13.00	EA @	\$ \$100	= \$ 1,300.00		\$ 1,300.00
Advisory Sign	3.00	EA @	\$ \$100	= \$ 300.00		\$ 300.00
Guide/Street Name Sign	13.00	EA @	\$ \$300	= \$ 3,900.00		\$ 3,900.00
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)	14,900.00	LF @	\$ \$21	= \$ 312,900.00	80.00	\$ 62,580.00
Curb and Gutter, Type A (6" Vertical)	1,400.00	LF @	\$ \$16	= \$ 22,400.00	80.00	\$ 4,480.00
Curb and Gutter, Type B (Median)		LF @	\$ \$13	= \$		\$ -
Pedestrian Ramp	350.00	SY @	\$ \$109	= \$ 37,800.00		\$ 37,800.00
Cross Pan	500.00	SY @	\$ \$53	= \$ 26,500.00	80.00	\$ 5,300.00
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	@	\$ 3,964	=	\$	\$	\$ -
Sound Barrier Fence	LF	@	\$ 100	=	\$	\$	\$ -
Concrete Sidewalk	5,600.00	SY	\$ 38	=	\$ 212,800.00	\$	212,800.00

- Storm Drain Improvements

Concrete Box Culvert (M Standard), Size (W x H)	LF	@	\$	=	\$	\$	\$ -
Reinforced Concrete Pipe (RCP) Size	LF	@	\$	=	\$	\$	\$ -
18" Reinforced Concrete Pipe	6.00	LF	\$ 69	=	\$ 414.00	80.00	\$ 82.80
24" Reinforced Concrete Pipe	890.00	LF	\$ 84	=	\$ 74,760.00	80.00	\$ 14,952.00
30" Reinforced Concrete Pipe	700.00	LF	\$ 94	=	\$ 65,800.00	80.00	\$ 13,160.00
36" Reinforced Concrete Pipe	1,130.00	LF	\$ 124	=	\$ 140,120.00	80.00	\$ 28,024.00
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	\$ 263	=	\$		\$ -
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	\$ 361	=	\$		\$ -
84" Corrugated Steel Pipe		LF	\$ 432	=	\$		\$ -
Flared End Section (FES) 24" RCP	1.00	EA	\$ 600	=	\$ 600.00	80.00	\$ 120.00
Flared End Section (FES) 36" RCP	1.00	EA	\$ 850	=	\$ 850.00	80.00	\$ 170.00
End Treatment- Headwall	2.00	EA	\$ 4,000	=	\$ 8,000.00	80.00	\$ 1,600.00
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	3.00	EA	\$ 5,300	=	\$ 15,900.00	80.00	\$ 3,180.00
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	5.00	EA	\$ 7,500	=	\$ 37,500.00	80.00	\$ 7,500.00
Curb Inlet (Type R) L=12', 5'-10' Depth		EA	\$ 8,300	=	\$		\$ -
Curb Inlet (Type R) L=15', Depth < 5 feet	3.00	EA	\$ 7,923	=	\$ 23,769.00	80.00	\$ 4,753.80

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	6.00	EA	@	\$	\$8,592	=	\$	51,552.00	80.00	\$	10,310.40
Storm Sewer Manhole, Slab Base, Depth < 15 feet	6.00	EA	@	\$	\$4,575	=	\$	27,450.00	80.00	\$	5,490.00
Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$			\$	-
Rip Rap, d50 Size from 6" to 24"	33.00	CY	@	\$	\$98	=	\$	3,234.00	80.00	\$	646.80
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	200.00	SY	@	\$	\$3	=	\$	600.00	80.00	\$	120.00
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

= 2,058,949.00 616,669.80 **

Section 2 Subtotal \$

Section 3 - Common Development Improvements (Private or District)***

Quantity	Units	Price	% Complete	Remaining
----------	-------	-------	------------	-----------

- Roadway Improvements

(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)

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

- Storm Drain Improvements

(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)

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

Detention Facility Construction (Pond D)	6,000.00	CY	@	\$	\$4	=	\$	24,000.00	100.00	\$	-
Detention Outlet Structure	1.00	EA	@	\$	12,000	=	\$	12,000.00	100.00	\$	-
Detention Emergency Spillway	1.00	EA	@	\$	5,000	=	\$	5,000.00	80.00	\$	1,000.00
Rip Rap, d50 Size from 6" to 24"	152.00	CY	@	\$	\$98	=	\$	14,896.00	100.00	\$	-
Concrete Forebays	2.00	EA	@	\$	\$7,500	=	\$	15,000.00	100.00	\$	-
Concrete trickle channel / micropool	1.00	EA	@	\$	\$15,000	=	\$	15,000.00	100.00	\$	-

- Landscaping (if Applicable)

(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

Section 3 Subtotal = \$ 85,896.00

1,000.00

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)
(Inc. survey to verify detention pond volumes.)

Total Construction Financial Assurance \$ 4,000
\$2,148,845.00
(Sum of all section subtotals)

Total Remaining Construction Financial Assurance 621,669.80
(Sum of all section totals less credit for items complete)

Total Defect Warranty Financial Assurance \$411,789.80
(20% of all items identified as public improvements (*). To be collateralized at time of preliminary acceptance)

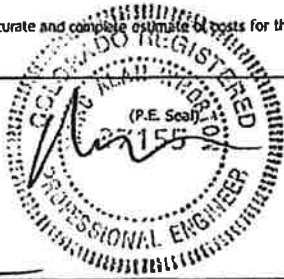
Approvals

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

Date

8/1/19



James M. ...

Approved by Owner / Applicant

Date

8/1/19

for *[Signature]*
Approved by El Paso County Engineer / ECM Administrator

Date

9/23/19