

2018 Financial Assurance Estimate Form (with pre-plat construction)

Updated:5/07/18

PROJECT INFORMATION						
Hannah Ridge at Feathergrass Filing No. 6			12/21/2018		SF-18-039	
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	\$ 15	= \$ -		\$ - *
* Permanent Seeding (inc. noxious weed mgmt.)		AC	\$ 1,000	= \$ -		\$ - *
* Mulching		AC	\$ 750	= \$ -		\$ - *
* Permanent Erosion Control Blanket		SY	\$ 6	= \$ -		\$ - *
* Permanent Pond/BMP Construction		CY	\$ 20	= \$ -		\$ - *
* Permanent Pond/BMP (Spillway)		EA		= \$ -		\$ - *
* Permanent Pond/BMP (Outlet Structure)		EA		= \$ -		\$ - *
Temporary Erosion Control Blanket		SY	\$ 3	= \$ -		\$ -
Vehicle Tracking Control	3.00	EA	\$ 2,370	= \$ 7,110		\$ 7,110
Safety Fence		LF	\$ 3	= \$ -		\$ -
Silt Fence	1,600.00	LF	\$ 4	= \$ 6,400		\$ 6,400
Temporary Seeding	7.94	AC	\$ 1,000	= \$ 7,940		\$ 7,940
Temporary Mulch	7.94	AC	\$ 750	= \$ 5,955		\$ 5,955
Erosion Bales	8.00	EA	\$ 25	= \$ 200		\$ 200
Erosion Logs		LF	\$ 6	= \$ -		\$ -
Rock Check Dams		EA	\$ 500	= \$ -		\$ -
Inlet Protection		EA	\$ 167	= \$ -		\$ -
Sediment Basin	3.00	EA	\$ 1,762	= \$ 5,286		\$ 5,286
Concrete Washout Basin	1.00	EA	\$ 1,400	= \$ 1,400		\$ 1,400
				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 12,002		\$ 12,002
SECTION 1 SUBTOTAL				= \$ 46,293		\$ 46,293
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ - *
Aggregate Base Course (135 lbs/cf)	937.00	Tons	\$ 30	= \$ 28,110		\$ 28,110 *
Asphalt Pavement (147 lbs/cf)	1,337.00	Tons	\$ 88	= \$ 117,656		\$ 117,656 *
Raised Median, Paved		SF	\$ 8	= \$ -		\$ - *
Regulatory Sign	1.00	EA	\$ 300	= \$ 300		\$ 300 *
Advisory Sign		EA	\$ 300	= \$ -		\$ - *
Guide/Street Name Sign	2.00	EA	300.00	= \$ 600		\$ 600 *
Epoxy Pavement Marking		SF	\$ 13	= \$ -		\$ - *
Thermoplastic Pavement Marking		SF	\$ 23	= \$ -		\$ - *
Barricade - Type 3		EA	\$ 200	= \$ -		\$ - *
Delineator - Type I		EA	\$ 24	= \$ -		\$ - *
Curb and Gutter, Type A (6" Vertical)	431.00	LF	\$ 30	= \$ 12,930		\$ 12,930 *
Curb and Gutter, Type B (Median)		LF	\$ 30	= \$ -		\$ - *
Curb and Gutter, Type C (Ramp)	1,680.00	LF	\$ 30	= \$ 50,400		\$ 50,400 *
4" Sidewalk		SY	\$ 55	= \$ -		\$ - *
5" Sidewalk	1,294.00	SY	\$ 65	= \$ 84,110		\$ 84,110 *
6" Sidewalk		SY	\$ 75	= \$ -		\$ - *

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8" sidewalk		SY	\$ 97	\$ -		\$ - *
Pedestrian Ramp	70.00	SY	\$ 175 =	\$ 12,250		\$ 12,250 *
Cross Pan		SY	\$ 90 =	\$ -		\$ - *
Curb Chase		EA	\$ 1,480 =	\$ -		\$ - *
Guardrail Type 3 (W-Beam)		LF	\$ 49 =	\$ -		\$ - *
Guardrail Type 7 (Concrete)		LF	\$ 72 =	\$ -		\$ - *
Guardrail End Anchorage		EA	\$ 2,098 =	\$ -		\$ - *
Guardrail Impact Attenuator		EA	\$ 3,767 =	\$ -		\$ - *
Sound Barrier Fence		LF	\$ 114 =	\$ -		\$ - *
Electrical Conduit, Size =		LF	\$ 16 =	\$ -		\$ - *
Traffic Signal, complete intersection		EA	\$ 264,250 =	\$ -		\$ - *
[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	\$ 130 =	\$ -		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 140 =	\$ -		\$ - *
30" Reinforced Concrete Pipe		LF	\$ 180 =	\$ -		\$ - *
36" Reinforced Concrete Pipe		LF	\$ 200 =	\$ -		\$ - *
42" Reinforced Concrete Pipe		LF	\$ 260 =	\$ -		\$ - *
48" Reinforced Concrete Pipe		LF	\$ 300 =	\$ -		\$ - *
54" Reinforced Concrete Pipe		LF	\$ 340 =	\$ -		\$ - *
60" Reinforced Concrete Pipe		LF	\$ 350 =	\$ -		\$ - *
66" Reinforced Concrete Pipe		LF	\$ 400 =	\$ -		\$ - *
72" Reinforced Concrete Pipe		LF	\$ 420 =	\$ -		\$ - *
18" Corrugated Steel Pipe		LF	\$ 120 =	\$ -		\$ - *
24" Corrugated Steel Pipe		LF	\$ 140 =	\$ -		\$ - *
30" Corrugated Steel Pipe		LF	\$ 180 =	\$ -		\$ - *
36" Corrugated Steel Pipe		LF	\$ 220 =	\$ -		\$ - *
42" Corrugated Steel Pipe		LF	\$ 230 =	\$ -		\$ - *
48" Corrugated Steel Pipe		LF	\$ 240 =	\$ -		\$ - *
54" Corrugated Steel Pipe		LF	\$ 260 =	\$ -		\$ - *
60" Corrugated Steel Pipe		LF	\$ 280 =	\$ -		\$ - *
66" Corrugated Steel Pipe		LF	\$ 340 =	\$ -		\$ - *
72" Corrugated Steel Pipe		LF	\$ 400 =	\$ -		\$ - *
78" Corrugated Steel Pipe		LF	\$ 460 =	\$ -		\$ - *
84" Corrugated Steel Pipe		LF	\$ 550 =	\$ -		\$ - *
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	\$ 5,542 =	\$ -		\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	\$ 7,188 =	\$ -		\$ - *
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	\$ 8,345 =	\$ -		\$ - *
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	\$ 7,627 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	\$ 7,861 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	\$ 9,841 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	\$ 9,918 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	\$ 10,633 =	\$ -		\$ - *

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Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	\$ 11,627	= \$ -		\$ - *
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	\$ 10,570	= \$ -		\$ - *
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	\$ 11,667	= \$ -		\$ - *
Grated Inlet (Type C), < 5' deep		EA	\$ 4,640	= \$ -		\$ - *
Grated Inlet (Type D), < 5' deep		EA	\$ 5,731	= \$ -		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	\$ 11,627	= \$ -		\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	\$ 6,395	= \$ -		\$ - *
Geotextile (Erosion Control)		SY	\$ 6	= \$ -		\$ - *
Rip Rap, d50 Size from 6" to 24"		CY	\$ 93	= \$ -		\$ - *
Rip Rap, Grouted		CY	\$ 227	= \$ -		\$ - *
Drainage Channel Construction, Size (W x H)		LF		= \$ -		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 570	= \$ -		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 112	= \$ -		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,469	= \$ -		\$ - *
Drainage Channel Lining, Other Stabilization				= \$ -		\$ - *
				= \$ -		\$ - *
[insert items not listed but part of construction plans]				= \$ -		\$ - *

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Section 2 Subtotal = \$ 352,649

\$ 352,649 *

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by EPC)****ROADWAY IMPROVEMENTS**

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

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

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

WATER SYSTEM IMPROVEMENTS

Water Main Pipe (PVC), Size 8"	582.00	LF	\$ 99	= \$ 57,618		\$ 57,618
Water Main Pipe (PVC), Size 12"	568.00	LF	\$ 145	= \$ 82,360		\$ 82,360
Gate Valves, 8"	3.00	EA	\$ 1,958	= \$ 5,874		\$ 5,874
Gate Valves, 12"	2.00					
Fire Hydrant Assembly w/ all valves	2.00	EA	\$ 6,797	= \$ 13,594		\$ 13,594
Water Service Line Installation, inc. tap and valves	34.00	EA	\$ 1,324	= \$ 45,016		\$ 45,016
Fire Cistern Installation, complete		EA		= \$ -		\$ -
				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -

SANITARY SEWER IMPROVEMENTS

Sewer Main Pipe (PVC), Size 8"	1,015.00	LF	\$ 99	= \$ 100,485		\$ 100,485
Sanitary Sewer Manhole, Depth < 15 feet	4.00	EA	\$ 4,386	= \$ 17,544		\$ 17,544
Sanitary Service Line Installation, complete	33.00	EA	\$ 1,602	= \$ 52,866		\$ 52,866
Sanitary Sewer Lift Station, complete		EA		= \$ -		\$ -
				= \$ -		\$ -

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[insert items not listed but part of construction plans]			= \$	-		\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
** - Section 3 is not subject to defect warranty						
Section 3 Subtotal = \$						\$ 375,357

AS-BUILTS (Public Improvements)		LS	= \$	-	\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-	\$ -

Total Construction Financial Assurance \$ 774,299

(Sum of all section subtotals plus as-builts and pond verification)

Total Remaining Construction Financial Assurance (with pre-plat construction) \$ 774,299

(Sum of all section totals less credit for items complete plus as-builts and pond verification)

Total Defect Warranty Financial Assurance \$ 70,530

(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