

2024 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 10/2023

PROJECT INFORMATION		
FLYING HORSE NORTH FILING 5	11/19/2024	SF2427
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
Earthwork							
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -
1,000-5,000; \$8,000 min	4400.	CY	\$ 6.00	=	\$ 26,400.00		\$ 26,400.00
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$ -		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$ -		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
Permanent Erosion Control Blanket	6419.76	SY	\$ 9.00	=	\$ 57,777.80		\$ 57,777.80
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	7.41	AC	\$ 2,018.00	=	\$ 14,962.12		\$ 14,962.12
Permanent Pond/BMP (provide engineer's estimate)		EA	\$ -	=	\$ -		\$ -
Concrete Washout Basin	1.	EA	\$ 1,172.00	=	\$ 1,172.00		\$ 1,172.00
Inlet Protection	9.	EA	\$ 217.00	=	\$ 1,953.00		\$ 1,953.00
Rock Check Dam	48.	EA	\$ 651.00	=	\$ 31,248.00		\$ 31,248.00
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin	2.	EA	\$ 2,294.00	=	\$ 4,588.00		\$ 4,588.00
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -
Silt Fence	12900.44	LF	\$ 3.00	=	\$ 38,701.32		\$ 38,701.32
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -
Straw Bale		EA	\$ 33.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF	\$ 8.00	=	\$ -		\$ -
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$ -		\$ -
Vehicle Tracking Control	1.	EA	\$ 3,085.00	=	\$ 3,085.00		\$ 3,085.00
Permanent Turf Reinforcement Mat (Rollmax or Equiv.)	128797.	SF	\$ 1.50	=	\$ 193,195.50		\$ 193,195.50
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 95,469.79	\$ 95,469.79
Section 1 Subtotal					=	\$ 468,552.53	\$ 468,552.53

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

SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control	1.	LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	7394.	CY	\$ 66.00	=	\$ 488,004.00		\$ 488,004.00
Asphalt Pavement (3" thick)	12860.	SY	\$ 18.00	=	\$ 231,480.00		\$ 231,480.00
Asphalt Pavement (4" thick)		SY	\$ 25.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	=	\$ -		\$ -
Raised Median, Paved	1750.	SF	\$ 11.00	=	\$ 19,250.00		\$ 19,250.00
Regulatory Sign/Advisory Sign	11.	EA	\$ 392.00	=	\$ 4,312.00		\$ 4,312.00
Guide/Street Name Sign	4.	EA	\$ -	=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 17.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Barricade - Type 3	2.	EA	\$ 259.00	=	\$ 518.00		\$ 518.00
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 62.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 94.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,496.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA	\$ -	=	\$ -		\$ -

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						% Complete	Remaining	
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**								
ROADWAY IMPROVEMENTS								
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)								
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$ -		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$ -		\$ -	
Gate Valves, 8"		EA	\$ 2,418.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	=	\$ -		\$ -	
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	=	\$ -		\$ -	
Fire Cistern Installation, in Tract A	1.	EA	\$ 500,000.00	=	\$ 500,000.00		\$ 500,000.00	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>								
				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,708.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	=	\$ -		\$ -	
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>								
				=	\$ -		\$ -	
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)								
Trees		EA	\$ 500.00	=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
Section 3 Subtotal					=	\$ 500,000.00		\$ 500,000.00

*** - Section 3 is not subject to defect warranty requirements

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					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)			\$ 15,000.00	= \$ 15,000.00		\$ 15,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 1,812,794.73
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 1,812,794.73
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 185,676.42
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						



Approvals

I hereby certify that this is a true and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

 Engineer (P.E. Seal Required)

[Signature] _____
 Approved by Owner / Applicant

11/19/2024

 Date

 Approved by El Paso County Engineer / ECM Administrator

 Date