2023 Financial Assurance Estimate Form (with pre-plat construction)

EPC STORMWATER REVIEW COMMENTS IN ORANGE BOXES WITH BLACK TEXT

Updated: 12/8/2022

PROJECT INFORMATION

Flying Horse North Filing No. 3

Project Name

PCD File No.

			Unit			· ·	Plat Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTRO	OL (Construction	and Perma	nent BMPs)				
Earthwork This number seems	s low				T .		
less than 1,000; \$5,300 min	areas	CY	\$ 8.00	=	\$ -		\$ -
1,000-5,000; \$8,000 min	4 620	CY	\$ 6.00	=	\$ 27,720.00		\$ 27,720.00
5,001-20,000; \$30,000 min	ot be	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	0.0	SY	\$ 8.00	=	\$ -		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	1.0	AC	\$ 1,875.00	=	\$ 1,875.00		\$ 1,875.00
Permanent Pond/BMP (provide engineer's estimate)	2	EA	\$ 50,000.00	=	\$ 100,000.00		\$ 100,000.00
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$ 1,089.0
Inlet Protection	5 4	EA	\$ 202.00	=	\$ 808.00		\$ 808.00
Rock Check Dam	47	EA	\$ 605.00	=	\$ 28,435.00		\$ 28,435.00
Safety Fence	0	LF	\$ 3.00				
•			-	=	\$ -		\$ -
Sediment Basin	5	EA	\$ 2,132.00	=	\$ 10,660.00		\$ 10,660.0
Sediment Trap	0	EA	\$ 500.00	=	\$ -		\$ -
Silt Fence	22,900	LF	\$ 3.00	=	\$ 68,700.00		\$ 68,700.00
Slope Drain	0	LF	\$ 40.00		\$ -		\$ -
Straw Bale	0	EA	\$ 31.00	=	\$ -		\$ -
Straw Wattle/Rock Sock	500	LF	\$ 7.00	=	\$ 3,500.00		\$ 3,500.00
Surface Roughening	0.0	AC	\$ 250.00		\$ -		\$ -
Temporary Erosion Control Blanket	0.0	SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching	0.0	AC	\$ 1,666.00	=	\$ -		\$ -
Vehicle Tracking Control	0.0	EA	\$ 2,867.00	=			
	07.025	SF					
Permanent Turf Reinforced Mat (Rollmax or Equiv.)	97,935	SF	\$ 1.50	=	\$ 146,902.50		\$ 146,902.50
[insert items not listed but part of construction plans]				=	\$ -		\$ -
	INTENANCE (35%	o of Constr	uction BMPs)	=	\$ 92,658.83		\$ 92,658.83
- Subject to defect warranty financial assurance. A minimum of 20% shall be	9	Contin	n 1 Subtotal	_	± 400,000,00		± 400.000.00
etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Sectio	n 1 Subtotai	=	\$ 488,082.33		\$ 488,082.33
SECTION 2 - PUBLIC IMPROVEMENTS *					·		
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=			
. ,	E 020 4			=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	5,038.4	CY	\$ 61.00		\$ 307,345.11		\$ 307,345.1
Asphalt Pavement (3" thick)	30,231	SY	\$ 17.00		\$ 513,921.33		\$ 513,921.3
Asphalt Pavement (4" thick)		SY	\$ 23.00		\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00		\$ -		\$ -
Asphalt Pavement (147 lbs/cf)" thick		Tons	\$ 106.00	=	\$ -		\$ -
Raised Median, Paved							
Regulatory Sign/Advisory Sign	1.0	SF	\$ 10.00	=	\$ -		\$ -
	16		-	=	Ψ		•
GUIDE/SIGER NAME SIGN	16	EA	\$ 10.00 \$ 364.00	=	\$ 5,824.00		\$ 5,824.00
Guide/Street Name Sign	4	EA EA	\$ 364.00	=	\$ 5,824.00 \$ -		\$ 5,824.0 \$ -
Epoxy Pavement Marking	4	EA EA SF	\$ 364.00 \$ 16.00	= = =	\$ 5,824.00 \$ - \$ -		\$ 5,824.00 \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking	6,977	EA EA SF SF	\$ 364.00 \$ 16.00 \$ 28.00	= = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00		\$ 5,824.00 \$ - \$ - \$ 195,356.00
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3	4	EA EA SF SF EA	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00	= = = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00 \$ 482.00		\$ 5,824.0 \$ - \$ - \$ 195,356.0 \$ 482.0
Epoxy Pavement Marking Thermoplastic Pavement Marking	6,977	EA EA SF SF EA EA	\$ 364.00 \$ 16.00 \$ 28.00	= = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00		\$ 5,824.0 \$ - \$ - \$ 195,356.0 \$ 482.0 \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3	6,977	EA EA SF SF EA	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00	= = = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00 \$ 482.00		\$ 5,824.00 \$ - \$ - \$ 195,356.00 \$ 482.00 \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I	6,977	EA EA SF SF EA EA	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00	= = = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00 \$ 482.00 \$ -		\$ 5,824.01 \$ - \$ - \$ 195,356.01 \$ 482.01 \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)	6,977	EA EA SF SF EA EA	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00	= = = = = =	\$ 5,824.00 \$ - \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00		\$ 5,824.0 \$ - \$ - \$ 195,356.0 \$ 482.0 \$ - \$ 754,320.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)	6,977	EA EA SF SF EA EA LF LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00	= = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only)	6,977 2 21,552	EA EA SF SF EA EA LF LF LF SY	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	= = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ - \$ -		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk	6,977	EA EA SF SF EA EA LF LF SY SY	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 58.00 \$ 72.00	= = = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 5 \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk	6,977 2 21,552	EA EA SF SF EA EA LF LF SY SY	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 72.00	= = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 5 \$ 75,880.00 \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk	6,977 2 21,552	EA EA SF SF EA EA LF LF SY SY SY	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00	= = = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY EA	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 158.00 \$ 72.00 \$ 87.00 \$ 116.00 \$ 1,390.00	= = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY SY EA LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 73.00	= = = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ - \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ - \$ 754,320.0 \$ - \$ - \$ 5 \$ 75,880.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY SY EA LF LF LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00	= = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY SY EA LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 73.00	= = = = = = = = = = = = = = = = = = =	\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ - \$ 75,880.00		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY SY EA LF LF LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ 75,880.0
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 1,390.00 \$ 1,790.00 \$ 1,790.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY LF EA LF	\$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00 \$ 1,790.00 \$ 60.00 \$ 87.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 75,880.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY LF	\$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 77.00 \$ 116.00 \$ 1,390.00 \$ 111.00 \$ 1,790.00 \$ 1,790.00 \$ 1,790.00 \$ 87.00 \$ 87.00 \$ 1,790.00 \$ 1,790.00 \$ 1,790.00 \$ 2,538.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 754,320.00 \$ - \$ - \$ - \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.0 \$ - \$ 195,356.0 \$ 482.0 \$ 754,320.0 \$ - \$ 754,320.0 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY EA LF LF LF EA LF EA	\$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 77.00 \$ 116.00 \$ 1,390.00 \$ 111.00 \$ 1,790.00 \$ 60.00 \$ 87.00 \$ 87.00 \$ 4,556.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 754,320.00 \$ - \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY LF LF EA LF LF EA LF	\$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 72.00 \$ 87.00 \$ 116.00 \$ 1,390.00 \$ 1,790.00 \$ 1,790.00 \$ 60.00 \$ 2,538.00 \$ 4,556.00 \$ 95.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ 754,320.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.01 \$ - \$ 195,356.01 \$ 482.00 \$ 754,320.01 \$ - \$ 75,880.01 \$ - \$ - \$ 75,880.01 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator	6,977 2 21,552	EA EA SF SF EA LF LF SY SY SY EA LF LF LF EA LF EA	\$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 77.00 \$ 116.00 \$ 1,390.00 \$ 111.00 \$ 1,790.00 \$ 60.00 \$ 87.00 \$ 87.00 \$ 4,556.00		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ 754,320.00 \$ - \$ 754,320.00 \$ - \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ 5,824.00 \$ - \$ 195,356.00 \$ 482.00 \$ - \$ 754,320.00 \$ - \$ 75,880.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

PROJECT INFORMATION							
Flying Horse North Filing No. 3	8/23/2023						
Project Name	Date	PCD File No.					

Description		Quantity	Units	Unit Cost		Total	(with Pre-	Plat Construction) Remaining
Jescription		Quantity	Oilies	COST	_	\$ -	70 Complete	\$ -
[insert items not listed but part of construction	n plans]				=	\$ -		\$ -
TORM DRAIN IMPROVEMENTS				-				
Concrete Box Culvert (M Standard), Size (NxH)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		406	LF	\$ 76.00	=	\$ 30,856.00		\$ 30,856.00
24" Reinforced Concrete Pipe		359	LF	\$ 91.00	=	\$ 32,699.03		\$ 32,699.03
30" Reinforced Concrete Pipe			LF	\$ 114.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		442	LF	\$ 140.00	=	\$ 61,859.00		\$ 61,859.00
42" Reinforced Concrete Pipe		500	LF	\$ 187.00	=	\$ 93,565.45		\$ 93,565.45
48" Reinforced Concrete Pipe			LF	\$ 228.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe			LF	\$ 297.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe			LF	\$ 348.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe			LF	\$ 402.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe			LF	\$ 460.00	=	\$ -		\$ -
18" Corrugated Steel Pipe			LF	\$ 98.00	=	\$ -		\$ -
24" Corrugated Steel Pipe			LF	\$ 112.00	=	\$ -		\$ -
30" Corrugated Steel Pipe			LF	\$ 143.00	=	\$ -		\$ -
36" Corrugated Steel Pipe			LF	\$ 171.00	=	\$ -		\$ -
42" Corrugated Steel Pipe			LF	\$ 197.00	=	\$ -		\$ -
48" Corrugated Steel Pipe			LF	\$ 207.00	=	\$ -		\$ -
54" Corrugated Steel Pipe			LF	\$ 304.00	=	\$ -		\$ -
60" Corrugated Steel Pipe			LF	\$ 328.00	=	\$ -		\$ -
66" Corrugated Steel Pipe			LF	\$ 397.00	=	\$ -		\$ -
72" Corrugated Steel Pipe			LF	\$ 467.00	=	\$ -		\$ -
78" Corrugated Steel Pipe			LF	\$ 537.00	=	\$ -		\$ -
84" Corrugated Steel Pipe			LF	\$ 642.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	42"	6	EA	\$ 1,122.00	=	\$ 6,732.00		\$ 6,732.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)	36"	4	EA	\$ 840.00	=	\$ 3,360.00		\$ 3,360.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)	24"	2	EA	\$ 546.00	=	\$ 1,092.00		\$ 1,092.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)	18"	4	EA	\$ 456.00	=	\$ 1,824.00		\$ 1,824.00
End Treatment- Headwall			EA		=	\$ -		\$ -
End Treatment- Wingwall			EA		=	\$ -		\$ -
End Treatment - Cutoff Wall			EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5	5'	1	EA	\$ 6,703.00	=	\$ 6,703.00		\$ 6,703.00
Curb Inlet (Type R) L=5', 5'≤ Depth < 1	10'		EA	\$ 8,715.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 1	15'		EA	\$ 10,092.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5	5'		EA	\$ 9,224.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5'≤ Depth < 1	10'	1	EA	\$ 9,507.00	=	\$ 9,507.00		\$ 9,507.00
Curb Inlet (Type R) L =10', 10'≤ Depth < 1	15'		EA	\$ 11,901.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5	5'	2	EA	\$ 11,995.00	=	\$ 23,990.00		\$ 23,990.00
Curb Inlet (Type R) L =15', 5' ≤ Depth < 1			EA	\$ 12,858.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 1			EA	\$ 14,061.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5			EA	\$ 12,783.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5'≤ Depth < 1			EA	\$ 14,109.00		\$ -		\$ -
Grated Inlet (Type C), Depth < 5			EA	\$ 5,611.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5	'		EA	\$ 6,931.00		\$ -		\$ -
Storm Sewer Manhole, Box Base			EA	\$ 14,061.00		\$ -		\$ -
Storm Sewer Manhole, Slab Base		5	EA	\$ 7,734.00		\$ 38,670.00		\$ 38,670.00
Geotextile (Erosion Control)			SY	\$ 8.00		\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		534.1	Tons	\$ 97.00		\$ 51,810.61		\$ 51,810.6
Rip Rap, Grouted	11. \	100.0	Tons	\$ 115.00		\$ 11,500.00		\$ 11,500.00
Drainage Channel Construction, Size (W x	H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete			CY	\$ 689.00		\$ -		\$ -
Drainage Channel Lining, Rip Rap			CY	\$ 135.00		\$ -		\$ -
Drainage Channel Lining, Grass			AC	\$ 1,776.00		\$ -		\$ -
Drainage Channel Lining, Other Stabilization	1				=	\$ -		\$ -
					=	\$ - \$ -		\$ - \$ -
[insert items not listed but part of construction								

PROJECT INFORMATION						
Flying Horse North Filing No. 3	8/23/2023					
Project Name	Date	PCD File No.				

				Unit				(with Pre	-Plat Construc	tion)
Description	Quantity	Units		Cost			Total	% Complete	Remain	ing
SECTION 3 - COMMON DEVELOPMENT IMPRO	OVEMENTS (Pri	vate or Dis	tric	t and No	OT Main	tained b	oy EPC)**			
ROADWAY IMPROVEMENTS										
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Excep	otion: Permanent Po	nd/BMP shall	be ite	emized und	ler Section	1)				
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	91.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$	2,247.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	7,978.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,601.00	=	\$	-		\$	-
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	5,305.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete		EA	\$	1,696.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
Vinse tite vis no listed but part of construction vans		\sim	Y	Y	Y	Y\$Y	$\gamma \gamma $		\$ Y	<u>~</u>
LANDSCAPING IMPROVEMENTS	(For subdivision sp	ecific condition	n of a	approval, o	r PUD)					
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Sectio	n 3 9	Subtotal	=	\$	_		\$	_

PUD Development Plan indicates landscaping is required. Please include the landscaping here.

PROJECT INFORMATION							
Flying Horse North Filing No. 3	8/23/2023						
Project Name	Date	PCD File No.					

			Unit				(with Pre	-Plat	t Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent \	WQCV BMPs)	LS	\$ 15,000.00	=	\$	15,000.00		\$	15,000.00
POND/BMP CERTIFICATION (inc. elevations and volume	calculations)	LS	\$ 5,000.00	=	\$	5,000.00		\$	5,000.00
				Total	Constr	uction Financia	I Assurance	\$	2,735,378.86
			(0 () (1 20 1 1/04			
			(Sum of all section	on subtot	ais pius a	s-builts and pond/BN	MP certification)		
					·	•	,		
	Total Remain	ing Constr			·	s-builts and pond/Br	,		2,735,378.86
		•	uction Financi	ial Assı	urance (•	onstruction)	\$	2,735,378.86
		•	uction Financi	ial Assı	urance (with Pre-Plat Co	onstruction)	\$	2,735,378.86
		•	uction Financi less credit for iten	ial Assı ns compl	urance (ete plus a	with Pre-Plat Co	onstruction) MP certification)	\$	2,735,378.86 471,378.31

Approvals	
I hereby certify that this is an accurate and complete estimate of costs for the work as shown of	n the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date