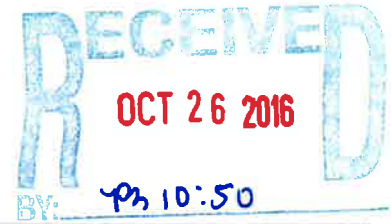


2016 Financial Assurance Estimate Form

(Basic form)



Project Information

FLYING HORSE NORTH (Golf Course and Private Road Grading)

9/27/2016

Project Name

Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		
Earthwork*	50,000.00	CY	@	\$ 5	=	\$ 250,000.00 *
Permanent Seeding*	40.00	AC	@	\$ 582	=	\$ 23,280.00 *
Mulching*	40.00	AC	@	\$ 507	=	\$ 20,280.00 *
Permanent Erosion Control Blanket*		SY	@	\$ 6	=	\$ *
Temporary Erosion Control Blanket		SY	@	\$ 3	=	\$
Vehicle Tracking Control	2.00	EA	@	\$ 1,625	=	\$ 3,250.00
Safety Fence		LF	@	\$ 3	=	\$
Silt Fence	25,000.00	LF	@	\$ 4	=	\$ 100,000.00
Temporary Seeding		AC	@	\$ 485	=	\$
Temporary Mulch		AC	@	\$ 507	=	\$
Erosion Bales	200.00	EA	@	\$ 21	=	\$ 4,200.00
Erosion Logs		LF	@	\$ 6	=	\$
Check Dams	200.00	EA	@	\$ 100	=	\$ 20,000.00
Inlet Protection		EA	@	\$ 153	=	\$
Sediment Basin	19.00	EA	@	\$ 1,625	=	\$ 30,875.00
Concrete Washout Basin	1.00	EA	@	\$ 776	=	\$ 776.00
			@	\$	=	\$
Specified items subject to defect warranty financial assurance						
Section 1 Subtotal						= \$ 452,661.00

Section 2 - Public Improvements**	Quantity	Units		Price		
- Roadway Improvements						
Construction Traffic Control		LS	@	\$ 6,000	=	\$
Aggregate Base Course		Tons	@	\$ 18	=	\$
Asphalt Pavement		Tons	@	\$ 65	=	\$
Raised Median, Paved		SF	@	\$ 7	=	\$
Electrical Conduit, Size =		LF	@	\$ 14	=	\$
Traffic Signal, complete intersection		EA	@	\$ 250,000	=	\$
Regulatory Sign		EA	@	\$ 100	=	\$
Advisory Sign		EA	@	\$ 100	=	\$
Guide/Street Name Sign		EA	@	\$ 100	=	\$
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)		LF	@	\$ 21	=	\$
Curb and Gutter, Type A (6" Vertical)		LF	@	\$ 16	=	\$
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$
Pedestrian Ramp		SY	@	\$ 108	=	\$

Cross Pan		SY	@	\$	\$53	=	\$
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	@	\$	\$3,564	=	\$
Sound Barrier Fence		LF	@	\$	\$100	=	\$
- Storm Drain Improvements							
Concrete Box Culvert (M Standard), Size (W x H)		LF	@	\$		=	\$
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$
18" Reinforced Concrete Pipe		LF	@	\$	\$69	=	\$
24" Reinforced Concrete Pipe		LF	@	\$	\$84	=	\$
30" Reinforced Concrete Pipe		LF	@	\$	\$94	=	\$
36" Reinforced Concrete Pipe		LF	@	\$	\$124	=	\$
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	@	\$	\$283	=	\$
High Density Polyethylene (HDPE) Pipe Size		LF	@	\$		=	\$
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	@	\$	\$381	=	\$
84" Corrugated Steel Pipe		LF	@	\$	\$432	=	\$
Flared End Section (FES) RCP +		EA	@	\$	\$650	=	\$
Flared End Section (FES) HDPE +		EA	@	\$		=	\$
Flared End Section (FES) CSP +		EA	@	\$	500	=	\$
End Treatment- Headwall		EA	@	\$		=	\$
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		EA	@	\$	\$5,044	=	\$
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	\$6,027	=	\$
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	@	\$	\$5,528	=	\$
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$6,694	=	\$
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$7,500	=	\$
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$	\$7,923	=	\$
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	EA	@	\$	\$8,592	=	\$
Storm Sewer Manhole, Slab Base, Depth < 15 feet	EA	@	\$	\$4,575	=	\$
Geotextile (Erosion Control)	SY	@	\$	\$5	=	\$
Rip Rap, d50 Size from 6" to 24"	CY	@	\$	\$98	=	\$
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	SY	@	\$	\$3	=	\$
Detention Outlet Structure	EA	@	\$		=	\$
Detention Emergency Spillway	EA	@	\$		=	\$
Permanent Water Quality Facility (Describe)	EA	@	\$		=	\$

**all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6

Section 2 Subtotal = \$ **

Section 3 - Common Development Improvements (Private or District)***		Quantity	Units		Price		
- Roadway Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$		=	\$
			@	\$		=	\$
			@	\$		=	\$
Concrete Sidewalk			SY	@	\$38	=	\$
			@	\$		=	\$
			@	\$		=	\$
- Storm Drain Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$		=	\$
			@	\$		=	\$
			@	\$		=	\$
24" Corrugated Steel Pipe (Pond Outlet Pipe)	70.00	LF	@	\$96	=	\$	6,720.00
36" Corrugated Steel Pipe (Pond Outlet Pipe)	270.00	LF	@	\$136	=	\$	36,720.00
42" Corrugated Steel Pipe (TSC Pipe)	660.00	LF	@	\$147	=	\$	97,020.00
24" Reinforced Concrete Pipe (Culvert)	88.00	LF	@	\$84	=	\$	7,392.00
30" Reinforced Concrete Pipe (Culvert)	70.00	LF	@	\$94	=	\$	6,580.00
Flared End Section (FES) 24" RCP †	2.00	EA	@	\$650	=	\$	1,300.00
Flared End Section (FES) 30" RCP †	2.00	EA	@	\$850	=	\$	1,700.00
Flared End Section (FES) 42" CSP †	10.00	EA	@	\$750	=	\$	7,500.00
Rip Rap, d50 Size from 6" to 24" (TSB's and Culverts)	200.00	CY	@	\$98	=	\$	19,600.00
- 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 Adjustment		EA	@	\$1,500	=	\$	

Water Service Line Installation, inc. tap & valves	EA	@	\$	\$1,253	=	\$
Fire Cistern Installation, complete	EA	@	\$		=	\$
- 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	@	\$		=	\$
- 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					=	\$ 154,432.00

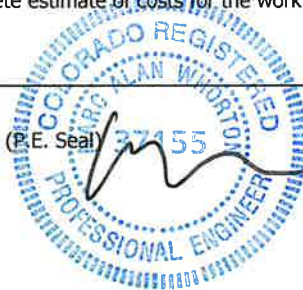
Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)		\$	1,000.00
(Inc. survey to verify detention pond volumes.)	Construction Financial Assurance Total	=	\$ 608,093.00
(Sum of all Section Totals)			
		Public Improvements Total* **	\$ 293,560.00
		Defect Warranty Financial Assurance Total	= \$ 58,712.00
(20% of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)			

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

10/24/16

Approved by Owner / Applicant

Date

10-24-16

Approved by El Paso County Engineer / ECM Administrator

Date

27 Oct 2016

Exhibit 'A'

2015 Financial Assurance
Estimate Form (with pre-plat construction)

Project Information		
FLYING HORSE NORTH FILING NO. 1	8/23/2018	PCD File No. SF-18-001
Project Name	Date	

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
SEE FLYING HORSE NORTH GOLF COURSE EARLY GRADING AND E.C. PLAN APPROVED OCTOBER 2016						
Earthwork*	20,000.00	CY	@ \$ \$5	= \$		\$ - *
Permanent Seeding* (inc. noxious weed mgmnt.)	17.00	AC	@ \$ \$582	= \$		\$ - *
Mulching*	17.00	AC	@ \$ \$507	= \$		\$ - *
Permanent Erosion Control Blanket*		SY	@ \$ \$6	= \$		\$ - *
Temporary Erosion Control Blanket		SY	@ \$ \$3	= \$		\$ -
Vehicle Tracking Control	1.00	EA	@ \$ \$1,625	= \$		\$ -
Safety Fence		LF	@ \$ \$3	= \$		\$ -
Silt Fence	3,400.00	LF	@ \$ \$4	= \$		\$ -
Temporary Seeding	3.00	AC	@ \$ \$485	= \$		\$ -
Temporary Mulch	3.00	AC	@ \$ \$507	= \$		\$ -
Erosion Bales	18.00	EA	@ \$ \$21	= \$		\$ -
Erosion Logs		LF	@ \$ \$6	= \$		\$ -
Rock Ditch Checks		EA	@ \$	= \$		\$ -
Inlet Protection	7.00	EA	@ \$ \$153	= \$		\$ -
Sediment Basin	5.00	EA	@ \$ \$1,625	= \$		\$ -
Concrete Washout Basin	1.00	EA	@ \$ \$776	= \$		\$ -
		@ \$	= \$			\$ -
* 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 1 Subtotal				= \$		\$ -

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
- Roadway Improvements						
Construction Traffic Control	1.00	LS	@ \$ 2,000	= \$ 2,000.00		\$ 2,000.00 *
Aggregate Base Course (Stagecoach)	26,000.00	Tons	@ \$ \$18	= \$ 468,000.00		\$ 468,000.00 *
Asphalt Pavement (Stagecoach)	23,400.00	Tons	@ \$ \$65	= \$ 1,521,000.00		\$ 1,521,000.00 *
Aggregate Base Course (Locals roads)	12,100.00	Tons	@ \$ \$18	= \$ 217,800.00		\$ 217,800.00 *
Asphalt Pavement (Local roads)	10,680.00	Tons	@ \$ \$65	= \$ 694,200.00		\$ 694,200.00 *
Raised Median, Paved		SF	@ \$ \$7	= \$		\$ - *
Electrical Conduit, Size =		LF	@ \$ \$14	= \$		\$ - *
Traffic Signal, complete intersection		EA	@ \$ \$250,000	= \$		\$ - *
Regulatory Sign	74.00	EA	@ \$ \$100	= \$ 7,400.00		\$ 7,400.00 *
Advisory Sign	44.00	EA	@ \$ \$100	= \$ 4,400.00		\$ 4,400.00 *
Guide/Street Name Sign	27.00	EA	@ \$ \$300	= \$ 8,100.00		\$ 8,100.00 *
Epoxy Pavement Marking (Stagecoach/Old Stagecoach)	11,400.00	SF	@ \$ \$12	= \$ 136,800.00		\$ 136,800.00 *
Thermoplastic Pavement Marking (Round-about markings)	450.00	SF	@ \$ \$22	= \$ 9,900.00		\$ 9,900.00 *
Barricade - Type 3	5.00	EA	@ \$ \$115	= \$ 575.00		\$ 575.00 *
Delinicator (Type I)		EA	@ \$ \$21	= \$		\$ - *
Curb and Gutter, Type A (across JD Pond embankment)	900.00	LF	@ \$ \$21	= \$ 18,900.00		\$ 18,900.00 *
Curb and Gutter, Type E Modified (3" mountable island)	1,300.00	LF	@ \$ \$13	= \$ 16,900.00		\$ 16,900.00 *
Curb and Gutter, Type B (Round-about entry medians)	2,560.00	LF	@ \$ \$13	= \$ 33,280.00		\$ 33,280.00 *
Pedestrian Ramp		SY	@ \$ \$108	= \$		\$ - *
Cross Pan		SY	@ \$ \$53	= \$		\$ - *
Curb Chase		EA	@ \$ \$1,300	= \$		\$ - *
Guardrail Type 3 (W-Beam - Across JD Pond Embankment)	810.00	LF	@ \$ \$18	= \$ 14,580.00		\$ 14,580.00 *
Guardrail Type 7 (Concrete)		LF	@ \$ \$67	= \$		\$ - *

Guardrail End Anchorage		EA	@	\$	\$1,978	=	\$		\$	-	*
Guardrail Impact Attenuator		EA	@	\$	\$3,564	=	\$		\$	-	*
Sound Barrier Fence		LF	@	\$	\$100	=	\$		\$	-	*
Concrete Sidewalk (5" thickness)		SY	@	\$	\$58	=	\$		\$	-	*
- Storm Drain Improvements											
Concrete Box Culvert (M Standard), Size Dual (10 x 4)		LF	@	\$		=	\$		\$	-	*
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$		\$	-	*
18" Reinforced Concrete Pipe	215.00	LF	@	\$	\$69	=	\$	14,835.00	\$	14,835.00	*
24" Reinforced Concrete Pipe	1,070.00	LF	@	\$	\$84	=	\$	89,880.00	\$	89,880.00	*
30" Reinforced Concrete Pipe	415.00	LF	@	\$	\$94	=	\$	39,010.00	\$	39,010.00	*
36" Reinforced Concrete Pipe	460.00	LF	@	\$	\$124	=	\$	57,040.00	\$	57,040.00	*
42" Reinforced Concrete Pipe	610.00	LF	@	\$	\$134	=	\$	81,740.00	\$	81,740.00	*
48" Reinforced Concrete Pipe		LF	@	\$	\$178	=	\$		\$	-	*
54" Reinforced Concrete Pipe		LF	@	\$	\$182	=	\$		\$	-	*
60" Reinforced Concrete Pipe	500.00	LF	@	\$	\$216	=	\$	108,000.00	\$	108,000.00	*
66" Reinforced Concrete Pipe		LF	@	\$	\$263	=	\$		\$	-	*
72" Reinforced Concrete Pipe		LF	@	\$	\$283	=	\$		\$	-	*
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	@	\$	\$381	=	\$		\$	-	*
84" Corrugated Steel Pipe		LF	@	\$	\$432	=	\$		\$	-	*
Flared End Section (FES) 18" †	4.00	EA	@	\$	414	=	\$	1,656.00	\$	1,656.00	*
Flared End Section (FES) 24"	14.00	EA	@	\$	504	=	\$	7,056.00	\$	7,056.00	*
Flared End Section (FES) 30"	8.00	EA	@	\$	564	=	\$	4,512.00	\$	4,512.00	*
Flared End Section (FES) 36"	5.00	EA	@	\$	744	=	\$	3,720.00	\$	3,720.00	*
Flared End Section (FES) 48"	2.00	EA	@	\$	1,068	=	\$	2,136.00	\$	2,136.00	*
Flared End Section (FES) CSP †		EA	@	\$		=	\$		\$	-	*
End Treatment- Headwall (Stagecoach Rd.)	7.00	EA	@	\$	4,000	=	\$	28,000.00	\$	28,000.00	*
End Treatment- Wingwall (Stagecoach Rd.)	6.00	EA	@	\$	10,000	=	\$	60,000.00	\$	60,000.00	*
End Treatment - Cutoff Wall	5.00	EA	@	\$	3,000	=	\$	15,000.00	\$	15,000.00	*
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$		\$	-	*
Curb Inlet (Type R) L=4', 5'-10' Depth		EA	@	\$	\$5,300	=	\$		\$	-	*
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		EA	@	\$	\$7,500	=	\$		\$	-	*
Curb Inlet (Type R) L=12', 5'-10' Depth		EA	@	\$	\$9,300	=	\$		\$	-	*
Curb Inlet (Type R) L=15', Depth < 5 feet		EA	@	\$	\$7,923	=	\$		\$	-	*
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		EA	@	\$	\$8,592	=	\$		\$	-	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet	1.00	EA	@	\$	\$4,575	=	\$	4,575.00	\$	4,575.00	*
Geotextile (Erosion Control) Roadside ditches	26,000.00	SY	@	\$	\$5	=	\$	130,000.00	\$	130,000.00	*
Rip Rap, d50 Size from 6" to 24"	545.00	CY	@	\$	\$98	=	\$	53,410.00	\$	53,410.00	*
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 Stabilization (40' wide utility crossing)		SY	@	\$ 3	=	\$	\$ - *
Detention Outlet Structure		EA	@	\$ 8,000	=	\$	\$ - *
Detention Emergency Spillway		EA	@	\$ 1,000	=	\$	\$ - *
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							
						3,854,405.00	3,854,405.00 **
				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 1)		CY	@	\$ 4	=	\$	\$ -
Detention Outlet Structure w/ Micropool	1.00	EA	@	\$ 8,000	=	\$ 8,000.00	\$ 8,000.00
Detention Emergency Spillway	1.00	EA	@	\$ 2,000	=	\$ 2,000.00	\$ 2,000.00
24" RCP Storm Outfall	60.00	LF	@	\$ 84	=	5,040.00	\$ 5,040.00
Rip Rap, d50 Size from 6" to 24"	96.00	CY	@	\$ 98	=	\$ 9,408.00	\$ 9,408.00
Detention Facility Construction (Pond 4)		CY	@	\$ 4	=	\$	\$ -
Detention Outlet Structure w/ Micropool	1.00	EA	@	\$ 12,000	=	\$ 12,000.00	\$ 12,000.00
Detention Emergency Spillway	1.00	EA	@	\$ 4,000	=	\$ 4,000.00	\$ 4,000.00
Concrete Forebays w/ Headwall	1.00	EA	@	\$ 15,000	=	15,000.00	\$ 15,000.00
Concrete trickle channel	325.00	LF	@	\$ 40	=	13,000.00	\$ 13,000.00
Rip-Rap Chute	260.00	CY	@	\$ 98	=	25,480.00	\$ 25,480.00
Grouted Rip-Rap	40.00	CY	@	\$ 215	=	8,600.00	\$ 8,600.00
48" RCP Storm Outfall	95.00	LF	@	\$ 178	=	16,910.00	\$ 16,910.00
Rip Rap, d50 Size from 6" to 24"	360.00	CY	@	\$ 98	=	\$ 35,280.00	\$ 35,280.00
Detention Facility Construction (Pond 8)		CY	@	\$ 4	=	\$	\$ -
Detention Outlet Structure w/ Micropool	1.00	EA	@	\$ 18,000	=	\$ 18,000.00	\$ 18,000.00
Detention Emergency Spillway	1.00	EA	@	\$ 5,000	=	\$ 5,000.00	\$ 5,000.00
Concrete Forebay w/ Headwall	1.00	EA	@	\$ 20,000	=	20,000.00	\$ 20,000.00
Concrete trickle channel	100.00	LF	@	\$ 40	=	4,000.00	\$ 4,000.00
60" RCP Storm Outfall	80.00	LF	@	\$ 216	=	17,280.00	\$ 17,280.00
Rip Rap, d50 Size from 6" to 24"	480.00	CY	@	\$ 98	=	\$ 47,040.00	\$ 47,040.00
Detention Facility Construction (Pond 12)		CY	@	\$ 4	=	\$	\$ -
Detention Outlet Structure w/ Micropool	1.00	EA	@	\$ 8,000	=	\$ 8,000.00	\$ 8,000.00
Detention Emergency Spillway	1.00	EA	@	\$ 2,000	=	\$ 2,000.00	\$ 2,000.00
30" RCP Storm Outfall	65.00	LF	@	\$ 94	=	6,110.00	\$ 6,110.00
Rip Rap, d50 Size from 6" to 24"	130.00	CY	@	\$ 98	=	\$ 12,740.00	\$ 12,740.00
Detention Facility Construction (JD Pond 13)		CY	@	\$ 4	=	\$	\$ -
SWQ Outlet Structure	1.00	EA	@	\$ 1,000	=	\$ 1,000.00	\$ 1,000.00
Detention Emergency Spillway (Rip-Rap Chute)	1,000.00	CY	@	\$ 98	=	\$ 98,000.00	\$ 98,000.00
Dual box culverts (4x10') incl. in public storm above	2.00	EA	@	\$ 90,000	=	180,000.00	\$ 180,000.00
(2) 6" toe drains	440.00	LF	@	\$ 4	=	1,760.00	\$ 1,760.00
30" RCP Storm Outfall	480.00	LF	@	\$ 94	=	45,120.00	\$ 45,120.00
Type II Storm Manhole	2.00	EA	@	\$ 4,575	=	9,150.00	\$ 9,150.00

Financial Assurance Totals	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$ 10,000
(Inc. survey to verify detention pond volumes.)	
Total Construction Financial Assurance	\$4,494,323.00
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	4,494,323.00
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	\$770,881.00
(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

8/27/18



Approved by Owner / Applicant

Date

8/23/18

Approved by El Paso County Engineer / ECM Administrator

Approved

by Elizabeth Njirang
El Paso County Planning and Community Development
on behalf of Jennifer Irvine, County Engineer, ECM Administrator

Date



09/25/2018 2:36:25 PM



6385 Corporate Center Drive, Suite 200
Colorado Springs, CO 80919
(719) 785-3256 Fax (719) 457-1023

Transmittal No.: _____

Prev. Transmittal No: _____

Date: September 4, 2018

TO: Paul Wiggs
El Paso County

PROJECT: FLYING HORSE NORTH, FILING No. 1

Attention:

WE ARE TRANSMITTING

- ☐ Enclosed Herewith
☐ Under separate Cover
☐ Fed Ex
☐ Mail
☐ Fax
☐ UPS
☒ Hand Delivery
☐ Other _____

TRANSMITTED ITEMS FOR:

- ☐ Approval
☐ Correction & Resubmission
☐ Approved
☐ Approved as Noted
☐ Your Action
☒ Your Records/Information
☐ Your Cost Proposal Due _____
☐ Other _____

COPIES	SEPIA	DRAWING NO.	DESCRIPTION
<u>1</u>	_____	_____	<u>Subdivision Improvement Bond # PB03010405392, in the amount of \$4,494,323.00</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REMARKS: _____

WE REQUEST THAT _____ SEPIA
_____ Be returned to this office
_____ COPIES
_____ AT YOUR EARLIEST CONVENIENCE
_____ AS SOON AS POSSIBLE
_____ ON OR BEFORE _____

COPIES OF THIS TRANSMITTAL ISSUED TO:

_____ w/ ENC.
_____ w/ ENC.
_____ w/ ENC.

CLASSIC COMMUNITIES

BY: Ben Bustos
Ben Bustos