

2021 Financial Assurance Estimate Form
(with pre-plat construction)

SF2136

PROJECT INFORMATION		
Latigo Trails Fil 10	9/17/2021	SF-XX-XXX
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		CY	\$ 6.00	= \$ -		\$ -
5,001-20,000; \$30,000 min		CY	\$ 5.00	= \$ -		\$ -
20,001-50,000; \$100,000 min	29,934	CY	\$ 3.50	= \$ 104,769.00		\$ 104,769.00
50,001-200,000; \$175,000 min		CY	\$ 2.50	= \$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ -	= \$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)	8.81	AC	\$ 824.00	= \$ 7,294.68		\$ 7,294.68
* Mulching		AC	\$ 77.00	= \$ -		\$ -
* Permanent Erosion Control Blanket	17,458	SY	\$ 6.00	= \$ 104,748.96		\$ 104,748.96
* Permanent Pond/BMP Construction	See Below	CY	\$ -	= \$ -		\$ -
* Permanent Pond/BMP (provide engineer's estimate)		EA	\$ -	= \$ -		\$ -
Safety Fence		LF	\$ 3.00	= \$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	= \$ -		\$ -
Vehicle Tracking Control	2	EA	\$ 2,453.00	= \$ 4,906.00		\$ 4,906.00
Silt Fence	1,100	LF	\$ 2.60	= \$ 2,860.00		\$ 2,860.00
Temporary Seeding		AC	\$ 650.00	= \$ -		\$ -
Temporary Mulch		AC	\$ 777.00	= \$ -		\$ -
Erosion Bales		EA	\$ 26.00	= \$ -		\$ -
Erosion Logs/Straw Waddle	5	LF	\$ 5.00	= \$ 25.00		\$ 25.00
Rock Check Dams	108	EA	\$ 518.00	= \$ 55,944.00		\$ 55,944.00
Inlet Protection	1	EA	\$ 173.00	= \$ 173.00		\$ 173.00
Outlet Protection	1	EA	\$ 173.00	= \$ 173.00		\$ 173.00
Sediment Basin		EA	\$ 1,824.00	= \$ -		\$ -
Concrete Washout Basin	1	EA	\$ 932.00	= \$ 932.00		\$ 932.00
Stabilized Staging Area	1	LS	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
<i>[insert items not listed but part of construction plans]</i>						
South Pond						
48" RCP	300	LF	\$ 100.00	= \$ 30,000.00		\$ 30,000.00
Detention Outlet Structure	1	EA	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
Concrete/Riprap Forebay		EA	\$ 3,000.00	= \$ -		\$ -
Concrete Trickle Channel	200	CY	\$ 95.00	= \$ 19,000.00		\$ 19,000.00
Detention Emergency Spillway	1	EA	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
48" - Flared End Section (FES)	8	EA	\$ 600.00	= \$ 4,800.00		\$ 4,800.00
Permanent WQ Feature (EDB)		EA	\$ 5,000.00	= \$ -		\$ -
Gravel Maintenance Access Road	800	SY	\$ 45.00	= \$ 36,000.00		\$ 36,000.00
G1 Pond						
24" RCP	50	LF	\$ 81.00	= \$ 4,050.00		\$ 4,050.00
Detention Outlet Structure	1	EA	\$ 5,000.00	= \$ 5,000.00		\$ 5,000.00
Concrete/Riprap Forebay	1	EA	\$ 3,000.00	= \$ 3,000.00		\$ 3,000.00
Concrete Trickle Channel	50	CY	\$ 95.00	= \$ 4,750.00		\$ 4,750.00
Detention Emergency Spillway	1	EA	\$ 2,500.00	= \$ 2,500.00		\$ 2,500.00
24" - Flared End Section (FES)	1	EA	\$ 486.00	= \$ 486.00		\$ 486.00
Permanent WQ Feature (EDB)		EA	\$ 2,500.00	= \$ -		\$ -
Gravel Maintenance Access Road	200	SY	\$ 45.00	= \$ 9,000.00		\$ 9,000.00
MAINTENANCE (35% of Construction BMPs)				= \$ 74,759.65		\$ 74,759.65
Section 1 Subtotal				= \$ 505,171.29		\$ 505,171.29

Temp sed basin #1 off of Horse Canyon Trail

add 8.81 ac of mulching

Update to include the (*) for the pond quantities

Quantities will be reviewed on the resubmittal

Update pipe quantity per plans

Revise. Pond plans show 30" RCP

SECTION 2 - PUBLIC IMPROVEMENTS

Removal of Striping		SY	\$ 10.00	= \$ -		\$ -
Removal of Fencing		SY	\$ 5.00	= \$ -		\$ -
Aggregate Base Course (133 lbs/cf)		LF	\$ 1.00	= \$ -		\$ -
Aggregate Base Course (133 lbs/cf) 4" thick	407	Tons	\$ 29.00	= \$ 11,803.00		\$ 11,803.00
Asphalt Pavement (3" thick)		CY	\$ 52.00	= \$ -		\$ -
Asphalt Pavement (4" thick)	14,882	SY	\$ 14.50	= \$ 215,589.00		\$ 215,589.00
Asphalt Pavement (6" thick)		SY	\$ 20.00	= \$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 30.00	= \$ -		\$ -
Asphalt Pavement (147 lbs/cf) 4" thick		SY	\$ 91.00	= \$ -		\$ -
Raised Median, Paved		Tons	\$ 91.00	= \$ -		\$ -
		SF	\$ 8.30	= \$ -		\$ -

Add the manhole for pond G1 outfall.

Revise. This quantity is low. Standard cross section requires a composite section with a minimum 4" base course under the asphalt.

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Regulatory Sign/Advisory Sign	4	EA	\$ 311.00	=	\$ 1,244.00		\$ 1,244.00
Guide/Street Name Sign	4	EA	\$ 250.00	=	\$ 1,000.00		\$ 1,000.00
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 207.00	=	\$ -		\$ -
Delineator - Type 1		EA	\$ 25.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 31.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 62.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 75.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -

See comment on sheet 6 of the GEC plan set.

update the advisory sign per redline comments to the signage and striping plans

Fix page break

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STORM DRAIN IMPROVEMENTS						
				= \$ -		\$ -
				= \$ -		\$ -
				= \$ -		\$ -

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						% Complete	Remaining	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"	4,500	LF	\$ 66.00	=	\$ 297,000.00		\$ 297,000.00	
Water Main Pipe (PVC), Size 12"		LF	\$ 100.00	=	\$ -		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -	
Gate Valves, 8"	8	EA	\$ 1,923.00	=	\$ 15,384.00		\$ 15,384.00	
Gate Valves, 12"		EA	\$ 2,900.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves	11	EA	\$ 6,828.00	=	\$ 75,108.00		\$ 75,108.00	
Water Service Line Installation, inc. tap and valves	2	EA	\$ 1,370.00	=	\$ 2,740.00		\$ 2,740.00	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
Electrical per lot	39	EA	\$ 2,800.00	=	\$ 109,200.00		\$ 109,200.00	
Gas Main	4,500	LF	\$ 25.00	=	\$ 112,500.00		\$ 112,500.00	
Gas Service (50' per lot @\$15/lf)	39	EA	\$ 750.00	=	\$ 29,250.00		\$ 29,250.00	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 66.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,540.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete		EA	\$ 1,451.00	=	\$ -		\$ -	
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -	
[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 requirements					Section 3 Subtotal	=	\$ 641,182.00	\$ 641,182.00

AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) LS \$ 10,000.00 = \$ 10,000.00 \$ 10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations) LS \$ 10,000.00 = \$ 10,000.00 \$ 10,000.00

Total Construction Financial Assurance \$ 1,555,080.89

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,555,080.89

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

Total Defect Warranty Financial Assurance \$ 121,108.05

(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 Grading and Erosion Control Plans associated with the Project.

Update the Defect Warranty to include the pond estimates. Items with (*)

 Engineer (P.E. Seal Required)

 Approved by Owner / Applicant

 Date

 Approved by El Paso County Engineer / ECM Administrator

 Date