

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

Updated: 12/22/2020

PROJECT INFORMATION		
CLOVERLEAF	5/13/2021	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
<b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>								
* Earthwork								
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -	
1,000-5,000; \$8,000 min	2,500	CY	\$ 6.00	=	\$ 15,000.00		\$ 15,000.00	
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 Seeding (inc. noxious weed mgmnt.)	35	AC	\$ 828.00	=	\$ 28,980.00		\$ 28,980.00	
* Mulching	35	AC	\$ 777.00	=	\$ 27,195.00		\$ 27,195.00	
* Permanent Erosion Control Blanket	7,982	SY	\$ 6.00	=	\$ 47,892.00		\$ 47,892.00	
* Permanent Pond/BMP Construction	1,530	CY	\$ 21.00	=	\$ 32,121.68		\$ 32,121.68	
* Permanent Pond/BMP (Spillway)	3	EA	\$ 10,000.00	=	\$ 30,000.00		\$ 30,000.00	
* Permanent Pond/BMP (Outlet Structure)	4	EA	\$ 15,000.00	=	\$ 60,000.00		\$ 60,000.00	
Constuction Fence	1,407	LF	\$ 3.00	=	\$ 4,221.00		\$ 4,221.00	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Vehicle Tracking Control	3	EA	\$ 2,453.00	=	\$ 7,359.00		\$ 7,359.00	
Silt Fence	5,664	LF	\$ 2.60	=	\$ 14,726.40		\$ 14,726.40	
Temporary Seeding		AC	\$ 650.00	=	\$ -		\$ -	
Temporary Mulch		AC	\$ 777.00	=	\$ -		\$ -	
Erosion Bales	7	EA	\$ 26.00	=	\$ 182.00		\$ 182.00	
Erosion Logs/Straw Waddle	8,993	LF	\$ 5.00	=	\$ 44,965.00		\$ 44,965.00	
Rock Check Dams		EA	\$ 518.00	=	\$ -		\$ -	
Inlet Protection	19	EA	\$ 173.00	=	\$ 3,287.00		\$ 3,287.00	
Sediment Basin	5	EA	\$ 1,824.00	=	\$ 9,120.00		\$ 9,120.00	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00	
Outlet Protection	5	EA	\$ 173.00	=	\$ 865.00		\$ 865.00	
Rough Street Cut Control	48	EA	\$ 100.00	=	\$ 4,800.00		\$ 4,800.00	
Stabalized Staging Area	2,000	SY	\$ 3.00	=	\$ 6,000.00		\$ 6,000.00	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 32,282.74		\$ 32,282.74
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)								
<b>Section 1 Subtotal</b>					=	<b>\$ 369,928.82</b>		<b>\$ 369,928.82</b>
<b>SECTION 2 - PUBLIC IMPROVEMENTS *</b>								
<b>ROADWAY IMPROVEMENTS</b>								
Construction Traffic Control	1	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00	
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$ -		\$ -	
Aggregate Base Course (135 lbs/cf)	3,098	CY	\$ 52.00	=	\$ 161,070.00		\$ 161,070.00	
Asphalt Pavement (3" thick)		SY	\$ 14.50	=	\$ -		\$ -	
Asphalt Pavement (4" thick)	18,585	SY	\$ 20.00	=	\$ 371,700.00		\$ 371,700.00	
Asphalt Pavement (6" thick)		SY	\$ 30.00	=	\$ -		\$ -	
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 91.00	=	\$ -		\$ -	
Raised Median, Paved		SF	\$ 8.30	=	\$ -		\$ -	
Regulatory Sign/Advisory Sign	10	EA	\$ 311.00	=	\$ 3,110.00		\$ 3,110.00	
Guide/Street Name Sign	8	EA	\$ 300.00	=	\$ 2,400.00		\$ 2,400.00	
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -	
Thermoplastic Pavement Marking	64	SF	\$ 24.00	=	\$ 1,536.00		\$ 1,536.00	
Barricade - Type 3		EA	\$ 207.00	=	\$ -		\$ -	
Delineator - Type I		EA	\$ 25.00	=	\$ -		\$ -	
Curb and Gutter, Type A (6" Vertical)		LF	\$ 31.00	=	\$ -		\$ -	
Curb and Gutter, Type B (Median)	284	LF	\$ 31.00	=	\$ 8,804.00		\$ 8,804.00	
Curb and Gutter, Type C (Ramp)	10,356	LF	\$ 31.00	=	\$ 321,036.00		\$ 321,036.00	
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -	
5" Sidewalk		SY	\$ 62.00	=	\$ -		\$ -	
6" Sidewalk	5,358	SY	\$ 75.00	=	\$ 401,850.00		\$ 401,850.00	
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -	
Pedestrian Ramp	30	EA	\$ 1,190.00	=	\$ 35,700.00		\$ 35,700.00	
Cross Pan, local (8" thick, 6' wide to include return)	75	LF	\$ 63.00	=	\$ 4,725.00		\$ 4,725.00	
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 95.00	=	\$ -		\$ -	
Curb Chase		EA	\$ 1,532.00	=	\$ -		\$ -	
Guardrail Type 3 (W-Beam)		LF	\$ 51.00	=	\$ -		\$ -	
Guardrail Type 7 (Concrete)		LF	\$ 75.00	=	\$ -		\$ -	
Guardrail End Anchorage		EA	\$ 2,172.00	=	\$ -		\$ -	
Guardrail Impact Attenuator		EA	\$ 3,899.00	=	\$ -		\$ -	
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 81.00	=	\$ -		\$ -	
Sound Barrier Fence (panels, 6' high)		LF	\$ 83.00	=	\$ -		\$ -	
Electrical Conduit, Size =		LF	\$ 17.00	=	\$ -		\$ -	

**PROJECT INFORMATION**

<b>CLOVERLEAF</b>	<b>5/13/2021</b>	
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -		\$ -*



**PROJECT INFORMATION**

CLOVERLEAF 5/13/2021  
 Project Name Date PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**</b>							
<b>ROADWAY IMPROVEMENTS</b>							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	1	EA	\$ 7,440.00	=	\$ 7,440.00		\$ 7,440.00
18" Reinforced Concrete Pipe	264	LF	\$ 67.00	=	\$ 17,710.78		\$ 17,710.78
36" Reinforced Concrete Pipe	314	LF	\$ 124.00	=	\$ 38,994.28		\$ 38,994.28
42" Reinforced Concrete Pipe	780	LF	\$ 166.00	=	\$ 129,397.00		\$ 129,397.00
Storm Sewer Manhole, Box Base	8	EA	\$ 12,034.00	=	\$ 96,272.00		\$ 96,272.00
Storm Sewer Manhole, Slab Base	1	EA	\$ 6,619.00	=	\$ 6,619.00		\$ 6,619.00
<b>WATER SYSTEM IMPROVEMENTS</b>							
Water Main Pipe (PVC), Size 8"	6,446	LF	\$ 66.00	=	\$ 425,436.00		\$ 425,436.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -
Gate Valves, 8"	24	EA	\$ 1,923.00	=	\$ 46,152.00		\$ 46,152.00
Fire Hydrant Assembly, w/ all valves	13	EA	\$ 6,828.00	=	\$ 88,764.00		\$ 88,764.00
Water Service Line Installation, inc. tap and valves	141	EA	\$ 1,370.00	=	\$ 193,170.00		\$ 193,170.00
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
Raw Water Main Pipe (PVC), Size 6"	1,293	LF	\$ 59.40	=	\$ 76,803.01		\$ 76,803.01
Raw Water Main Air Vac/Valve Assembly	1	EA	\$ 5,500.00	=	\$ 5,500.00		\$ 5,500.00
				=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
<b>SANITARY SEWER IMPROVEMENTS</b>							
Sewer Main Pipe (PVC), Size 8"	5,541	LF	\$ 66.00	=	\$ 365,697.35		\$ 365,697.35
Sanitary Sewer Manhole, Depth < 15 feet	37	EA	\$ 4,540.00	=	\$ 167,980.00		\$ 167,980.00
Sanitary Service Line Installation, complete	141	EA	\$ 1,451.00	=	\$ 204,591.00		\$ 204,591.00
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -
Underdrain 6"	5,007	LF	\$ 20.00	=	\$ 100,140.00		\$ 100,140.00
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
<b>LANDSCAPING IMPROVEMENTS</b> (For subdivision specific condition of approval, or PUD)							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
<b>Section 3 Subtotal</b>				<b>=</b>	<b>\$ 1,970,666.43</b>		<b>\$ 1,970,666.43</b>

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

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Project Name	Date	

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	=	\$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	=	\$ -		\$ -
<b>Total Construction Financial Assurance</b>					<b>\$ 4,581,914.77</b>	
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>					<b>\$ 4,581,914.77</b>	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					<b>\$ 496,501.64</b>	
(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 Plan and Construction Drawings associated with the Project.

\_\_\_\_\_  
 Engineer (P.E. Seal Required)

\_\_\_\_\_  
 Approved by Owner / Applicant

\_\_\_\_\_  
 Approved by El Paso County Engineer / ECM Administrator

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Date