

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

Updated: 12/22/2020

PROJECT INFORMATION		
Cloverleaf Filing No. 2	11/12/2021	SF-21-023
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		CY	\$ 6.00	=	\$ -		\$ -	
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	172,715	CY	\$ 2.50	=	\$ 431,787.50		\$ 431,787.50	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -	
* Permanent Seeding (inc. noxious weed mgmnt.)	36	AC	\$ 828.00	=	\$ 29,808.00		\$ 29,808.00	
* Mulching	36	AC	\$ 777.00	=	\$ 27,972.00		\$ 27,972.00	
* Permanent Erosion Control Blanket	3,603	SY	\$ 6.00	=	\$ 21,618.00		\$ 21,618.00	
* Permanent Pond/BMP Construction	1,530	CY	\$ 21.00	=	\$ 32,121.68		\$ 32,121.68	
* Permanent Pond/BMP (Spillway)	4	EA	\$ 10,000.00	=	\$ 40,000.00		\$ 40,000.00	
* Permanent Pond/BMP (Outlet Structure)	4	EA	\$ 15,000.00	=	\$ 60,000.00		\$ 60,000.00	
Constuction Fence	1,959	LF	\$ 3.00	=	\$ 5,877.00		\$ 5,877.00	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Vehicle Tracking Control	4	EA	\$ 2,453.00	=	\$ 9,812.00		\$ 9,812.00	
Silt Fence	6,173	LF	\$ 2.60	=	\$ 16,049.80		\$ 16,049.80	
Stabilized Staging Area	2,000	SY	\$ 3.00	=	\$ 6,000.00		\$ 6,000.00	
Temporary Seeding		AC	\$ 650.00	=	\$ -		\$ -	
Temporary Mulch		AC	\$ 777.00	=	\$ -		\$ -	
Erosion Bales	6	EA	\$ 26.00	=	\$ 156.00		\$ 156.00	
Erosion Logs/Straw Waddle	9,041	LF	\$ 5.00	=	\$ 45,205.00		\$ 45,205.00	
Rock Check Dams	6	EA	\$ 518.00	=	\$ 3,108.00		\$ 3,108.00	
Inlet Protection	22	EA	\$ 173.00	=	\$ 3,806.00		\$ 3,806.00	
Outlet Protection	6	EA	\$ 173.00	=	\$ 1,038.00		\$ 1,038.00	
Sediment Basin	5	EA	\$ 1,824.00	=	\$ 9,120.00		\$ 9,120.00	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00	
Rough Street Cut Control	81	EA	\$ 100.00	=	\$ 8,100.00		\$ 8,100.00	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 36,164.38		\$ 36,164.38
<b>Section 1 Subtotal</b>					=	<b>\$ 788,675.36</b>		<b>\$ 788,675.36</b>

**SECTION 2 - PUBLIC IMPROVEMENTS \***

ROADWAY IMPROVEMENTS							
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)	3,978	CY	\$ 52.00	=	\$ 206,856.00		\$ 206,856.00
Asphalt Pavement (3" thick)		SY	\$ 14.50	=	\$ -		\$ -
Asphalt Pavement (4" thick)	18,317	SY	\$ 20.00	=	\$ 366,340.00		\$ 366,340.00
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	11	EA	\$ 311.00	=	\$ 3,421.00		\$ 3,421.00
Guide/Street Name Sign	24	EA	\$ 300.00	=	\$ 7,200.00		\$ 7,200.00
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -
Thermoplastic Pavement Marking	144	SF	\$ 24.00	=	\$ 3,456.00		\$ 3,456.00
Barricade - Type 3		EA	\$ 207.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 25.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	384	LF	\$ 31.00	=	\$ 11,904.00		\$ 11,904.00
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	9,586	LF	\$ 31.00	=	\$ 297,166.00		\$ 297,166.00
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -
5" Sidewalk	5,506	SY	\$ 62.00	=	\$ 341,372.00		\$ 341,372.00
6" Sidewalk		SY	\$ 75.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -
Gravel Pedestrian Trail	410	SY	\$ 15.00	=	\$ 6,150.00		\$ 6,150.00
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	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -

**PROJECT INFORMATION**

<b>Cloverleaf Filing No. 2</b>	<b>11/12/2021</b>	<b>SF-21-023</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
<b>STORM DRAIN IMPROVEMENTS</b>						
Concrete Box Culvert (M Standard), Size ( W x H )		LF		\$ -		\$ -
18" Reinforced Concrete Pipe	832	LF	\$ 67.00	\$ 55,744.00		\$ 55,744.00
24" Reinforced Concrete Pipe	872	LF	\$ 81.00	\$ 70,632.00		\$ 70,632.00
30" Reinforced Concrete Pipe	415	LF	\$ 100.00	\$ 41,500.00		\$ 41,500.00
36" Reinforced Concrete Pipe	137	LF	\$ 124.00	\$ 16,988.00		\$ 16,988.00
42" Reinforced Concrete Pipe	438	LF	\$ 166.00	\$ 72,708.00		\$ 72,708.00
48" Reinforced Concrete Pipe	396	LF	\$ 202.00	\$ 79,992.00		\$ 79,992.00
54" Reinforced Concrete Pipe		LF	\$ 254.00	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 298.00	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 344.00	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 393.00	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 87.00	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 99.00	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 126.00	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 152.00	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 174.00	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 184.00	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 269.00	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 290.00	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 352.00	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 414.00	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 476.00	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 569.00	\$ -		\$ -
Flared End Section (FES) RCP Size = 18" <small>(unit cost = 6x pipe unit cost)</small>	5	EA	\$ 960.00	\$ 4,800.00		\$ 4,800.00
Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small>		EA		\$ -		\$ -
End Treatment- Headwall	1	EA	\$ 2,500.00	\$ 2,500.00		\$ 2,500.00
End Treatment- Wingwall		EA		\$ -		\$ -
End Treatment - Cutoff Wall		EA		\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'	1	EA	\$ 5,736.00	\$ 5,736.00		\$ 5,736.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,440.00	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 8,637.00	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'	2	EA	\$ 7,894.00	\$ 15,788.00		\$ 15,788.00
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'	4	EA	\$ 8,136.00	\$ 32,544.00		\$ 32,544.00
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth > 15'	1	EA	\$ 11,627.00	\$ 11,627.00		\$ 11,627.00
Curb Inlet (Type R) L=15', Depth < 5'	2	EA	\$ 10,265.00	\$ 20,530.00		\$ 20,530.00
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'	2	EA	\$ 11,005.00	\$ 22,010.00		\$ 22,010.00
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,034.00	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 10,940.00	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	\$ -		\$ -
Storm Sewer Manhole, Box Base	2	EA	\$ 12,034.00	\$ 24,068.00		\$ 24,068.00
Storm Sewer Manhole, Slab Base	19	EA	\$ 6,619.00	\$ 125,761.00		\$ 125,761.00
Geotextile (Erosion Control)		SY	\$ 6.20	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	1,850	Tons	\$ 83.00	\$ 153,550.00		\$ 153,550.00
Rip Rap, Grouted		Tons	\$ 98.00	\$ -		\$ -
Drainage Channel Construction, Size ( W x H )		LF		\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 590.00	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,520.00	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				\$ -		\$ -
<b>Section 2 Subtotal</b>				<b>\$ 2,045,768.00</b>		<b>\$ 2,045,768.00</b>

**SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)\*\***

<b>ROADWAY IMPROVEMENTS</b>						
Aggregate Base Course (135 lbs/cf)	332	CY	\$ 52.00	\$ 17,264.00		\$ 17,264.00
Asphalt Pavement (4" thick)	1,493	SY	\$ 20.00	\$ 29,860.00		\$ 29,860.00
Regulatory Sign/Advisory Sign	1	EA	\$ 311.00	\$ 311.00		\$ 311.00
Guide/Street Name Sign	4	EA	\$ 300.00	\$ 1,200.00		\$ 1,200.00
Curb and Gutter, Type A (6" Vertical)	490	LF	\$ 31.00	\$ 15,190.00		\$ 15,190.00
Curb and Gutter, Type C (Ramp)	403	LF	\$ 31.00	\$ 12,493.00		\$ 12,493.00
5" Sidewalk	222	SY	\$ 62.00	\$ 13,764.00		\$ 13,764.00
				\$ -		\$ -

