

(with pre-plat construction)

Updated: 12/22/2020

PROJECT INFORMATION		
Cloverleaf Filing No. 2	8/20/2021	SF-21-023
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	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 mgmt.)	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
[insert items not listed but part of construction plans]				=	\$ -		\$ -
<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>
<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)	3,978	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	10	EA	\$ 311.00	=	\$ 3,110.00		\$ 3,110.00
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)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	9,961	LF	\$ 31.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -
5" Sidewalk	5,506	SY	\$ 62.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 75.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -
Gravel Pedestrian Trail	410	SY	\$ 15.00	=	\$ -		\$ -
Pedestrian Ramp	30	EA	\$ 1,190.00	=	\$ -		\$ -

PROJECT INFORMATION							
Cloverleaf Filing No. 2		8/20/2021		SF-21-023			
Project Name		Date		PCD File No.			
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	162	LF	\$ 81.00	=	\$ 13,122.00		\$ 13,122.00
30" Reinforced Concrete Pipe	1,134	LF	\$ 100.00	=	\$ 113,400.00		\$ 113,400.00
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" (unit cost = 6x pipe unit cost)	5	EA	\$ 960.00	=	\$ 4,800.00		\$ 4,800.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		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	18	EA	\$ 6,619.00	=	\$ 119,142.00		\$ 119,142.00
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				=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal					= \$ 2,052,949.00		\$ 2,052,949.00
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**</b>							
<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
				=	\$ -		\$ -

PROJECT INFORMATION									
Cloverleaf Filing No. 2				8/20/2021			SF-21-023		
Project Name				Date			PCD File No.		
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)			
						% Complete	Remaining		
<b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)									
Grated Inlet (Type C), Depth < 5'	2	EA	\$ 4,802.00	=	\$ 9,604.00		\$ 9,604.00		
12" Reinforced Concrete Pipe	147	LF	\$ 40.00	=	\$ 5,880.00		\$ 5,880.00		
18" Reinforced Concrete Pipe	188	LF	\$ 67.00	=	\$ 12,596.00		\$ 12,596.00		
24" Reinforced Concrete Pipe	110	LF	\$ 81.00	=	\$ 8,910.00		\$ 8,910.00		
36" Reinforced Concrete Pipe	133	LF	\$ 124.00	=	\$ 16,492.00		\$ 16,492.00		
42" Reinforced Concrete Pipe	635	LF	\$ 166.00	=	\$ 105,410.00		\$ 105,410.00		
48" Reinforced Concrete Pipe	31	LF	\$ 202.00	=	\$ 6,262.00		\$ 6,262.00		
Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$ -		\$ -		
Storm Sewer Manhole, Slab Base	6	EA	\$ 6,619.00	=	\$ 39,714.00		\$ 39,714.00		
Flared End Section (FES) RCP Size = 12" (unit cost = 6x pipe unit cost)	2	EA	\$ 240.00	=	\$ 480.00		\$ 480.00		
Flared End Section (FES) RCP Size = 18" (unit cost = 6x pipe unit cost)	2	EA	\$ 402.00	=	\$ 804.00		\$ 804.00		
Flared End Section (FES) RCP Size = 36" (unit cost = 6x pipe unit cost)	1	EA	\$ 744.00	=	\$ 744.00		\$ 744.00		
				=	\$ -		\$ -		
<b>WATER SYSTEM IMPROVEMENTS</b>									
Water Main Pipe (PVC), Size 6"	5,774	LF	\$ 66.00	=	\$ 381,084.00		\$ 381,084.00		
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -		
Gate Valves, 6"	33	EA	\$ 1,923.00	=	\$ 63,459.00		\$ 63,459.00		
Fire Hydrant Assembly, w/ all valves	14	EA	\$ 6,828.00	=	\$ 95,592.00		\$ 95,592.00		
Water Service Line Installation, inc. tap and valves	138	EA	\$ 1,370.00	=	\$ 189,060.00		\$ 189,060.00		
Fire Cistern Installation, complete		EA		=	\$ -		\$ -		
Raw Water Main Pipe (PVC), Size 6"	2,790	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"	5,447	LF	\$ 66.00	=	\$ 359,502.00		\$ 359,502.00		
Sanitary Sewer Manhole, Depth < 15 feet	29	EA	\$ 4,540.00	=	\$ 131,660.00		\$ 131,660.00		
Sanitary Service Line Installation, complete	138	EA	\$ 1,451.00	=	\$ 200,238.00		\$ 200,238.00		
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -		
Underdrain 6"	4,894	LF	\$ 20.00	=	\$ 97,880.00		\$ 97,880.00		
				=	\$ -		\$ -		
<i>[insert items not listed but part of construction plans]</i>									
<b>LANDSCAPING IMPROVEMENTS</b> (For subdivision specific condition of approval, or PUD)									
Landscape/Retaining Wall	11,050	SF	\$ 20.00	=	\$ 221,000.00		\$ 221,000.00		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
** - Section 3 is not subject to defect warranty requirements				<b>Section 3 Subtotal</b>	<b>=</b>	<b>\$ 2,118,756.01</b>		<b>\$ 2,118,756.01</b>	
<b>AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)</b>		LS	\$ 1,000.00	=	\$ 1,000.00		\$ 1,000.00		
<b>POND/BMP CERTIFICATION (inc. elevations and volume calculations)</b>		LS	\$ 1,000.00	=	\$ 1,000.00		\$ 1,000.00		
<b>Total Construction Financial Assurance</b>						<b>\$ 4,962,380.38</b>			
(Sum of all section subtotals plus as-builts and pond/BMP certification)									
<b>Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>						<b>\$ 4,962,380.38</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>\$ 539,251.24</b>			
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)									
<div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p><b>App</b></p> <p>I hereby certify that the information shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.</p> <p>Engineer (P.E. Seal Required)</p> <p>Approved by Owner / Applicant</p> <p>Approved by El Paso County Engineer / ECM Administrator</p> </div>									