

# 2021 Financial Assurance Estimate Form

Updated: 08/16/2021

PROJECT INFORMATION		
Claremont Ranch Filing No. 9, Lot 1 - Brakes Plus	8/16/2021	PPR-21-018
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	% Complete	Remaining	
<b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>								
* Earthwork								
less than 1,000; \$5,300 min	679	CY	\$ 8.00	=	\$ 5,432.00		\$ 5,432.00	
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		CY	\$ 2.50	=	\$ -		\$ -	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -	
* Permanent Seeding (inc. noxious weed mgmnt.)	0.26	AC	\$ 828.00	=	\$ 215.28		\$ 215.28	
* Mulching	0.26	AC	\$ 777.00	=	\$ 202.02		\$ 202.02	
* Permanent Erosion Control Blanket	0	SY	\$ 6.00	=	\$ -		\$ -	
* Permanent Pond/BMP Construction	0	CY	\$ 21.00	=	\$ -		\$ -	
* Permanent Pond/BMP (provide engineer's estimate)	0	EA		=	\$ -		\$ -	
Construction Fence	771	LF	\$ 2.00	=	\$ 1,542.00		\$ 1,542.00	
Temporary Erosion Control Blanket	0	SY	\$ 3.00	=	\$ -		\$ -	
Vehicle Tracking Control	1	EA	\$ 2,453.00	=	\$ 2,453.00		\$ 2,453.00	
FODS Tracking Control	1	EA	\$ 1,250.00	=	\$ 1,250.00		\$ 1,250.00	
Silt Fence	329	LF	\$ 2.60	=	\$ 855.40		\$ 855.40	
Temporary Seeding	0.26	AC	\$ 650.00	=	\$ 169.00		\$ 169.00	
Temporary Mulch	0.26	AC	\$ 777.00	=	\$ 202.02		\$ 202.02	
Erosion Bales	0	EA	\$ 26.00	=	\$ -		\$ -	
Erosion Logs	927	LF	\$ 5.00	=	\$ 4,635.00		\$ 4,635.00	
Inlet Protection	4	EA	\$ 173.00	=	\$ 692.00		\$ 692.00	
Rock Sock	2	EA	\$ 16.00	=	\$ 32.00		\$ 32.00	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 3,927.15		\$ 3,927.15
* - 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>\$ 22,538.87</b>		<b>\$ 22,538.87</b>

## SECTION 2 - PUBLIC IMPROVEMENTS \*

<b>ROADWAY IMPROVEMENTS</b>							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 52.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.50	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 20.00	=	\$ -		\$ -
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		EA	\$ 311.00	=	\$ -		\$ -
Guide/Street Name Sign		EA		=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$ -		\$ -
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)		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	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,190.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 63.00	=	\$ -		\$ -
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	=	\$ -		\$ -

**PROJECT INFORMATION**

Claremont Ranch Filing No. 9, Lot 1 - Brakes Plus

8/16/2021

PPR-21-018

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost		Total	% Complete	Remaining
<b>STORM DRAIN IMPROVEMENTS</b>							
Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 67.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 81.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 100.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 124.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 166.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 202.00	=	\$ -		\$ -
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 = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 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'		EA	\$ 7,894.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 8,136.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 10,265.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,005.00	=	\$ -		\$ -
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		EA	\$ 12,034.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,619.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.20	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 83.00	=	\$ -		\$ -
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				=	\$ -		\$ -
				=	\$ -		\$ -
<b>Section 2 Subtotal</b>				=	<b>\$ -</b>		<b>\$ -</b>

\* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

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

<b>ROADWAY IMPROVEMENTS</b>							
5" Sidewalk	67	SY	\$ 60.00	=	\$ 4,020.00		\$ 4,020.00
Pedestrian Ramp	1	EA	\$ 1,150.00	=	\$ 1,150.00		\$ 1,150.00
<b>STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)</b>							
12" PVC	325	LF	\$ 20.00	=	\$ 6,500.00		\$ 6,500.00
Grated Inlet (Type R) L=5ft	3	EA	\$ 3,500.00	=	\$ 10,500.00		\$ 10,500.00
Storm Sewer Manhole	4	EA	\$ 4,000.00	=	\$ 16,000.00		\$ 16,000.00
<b>WATER SYSTEM IMPROVEMENTS</b>							
3/4" Type K Copper Pipe	75	LF	\$ 35.00	=	\$ 2,625.00		\$ 2,625.00
<b>SANITARY SEWER IMPROVEMENTS</b>							
Sewer Service (PVC), Size 4"	200	LF	\$ 48.00	=	\$ 9,600.00		\$ 9,600.00
Sand/Oil Interceptor	1	EA	\$ 15,000.00	=	\$ 15,000.00		\$ 15,000.00
<i>[insert items not listed but part of construction plans]</i>							
				=	\$ -		\$ -

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8/16/2021

PPR-21-018

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PCD File No.

Description	Quantity	Units	Unit Cost		Total	% Complete	Remaining
<b>LANDSCAPING IMPROVEMENTS</b>							
				<i>(For subdivision specific condition of approval, or PUD)</i>			
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
** - Section 2 is not subject to defect warranty requirements			<b>Section 3 Subtotal</b>	<b>=</b>	<b>\$ 65,395.00</b>		<b>\$ 65,395.00</b>
						<b>Total Construction Financial Assurance</b>	<b>\$ 87,933.87</b>
						<i>(Sum of all section subtotals plus as-builts and pond/BMP certification)</i>	
						<b>Total Defect Warranty Financial Assurance</b>	<b>\$ 1,169.86</b>
						<i>(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)</i>	

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**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)

*D. J. [Signature]* manager  
 Approved by Owner / Applicant **BRCC Properties, LLC**

Date **8/16/2021**

**APPROVED  
 Engineering Department**

Approved by El Paso County Engineer / ECM Administrator

*09/20/2021 6:16:58 PM*  
*dsdnijkamp*  
 EPC Planning & Community  
 Development Department