

2024 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 10/2023

PROJECT INFORMATION		
The Rock Commerce Center	3/6/2024	PPR2329
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		CY	\$ 3.50	= \$ -	\$ -	\$ -
50,001-200,000; \$175,000 min	109,166	CY	\$ 2.50	= \$ 272,915.00		\$ 272,915.00
greater than 200,000; \$500,000 min		CY	\$ 2.00	= \$ -	\$ -	\$ -
Permanent Erosion Control Blanket	1785	SY	\$ 9.00	= \$ 16,065.00		\$ 16,065.00
Permanent Seeding (inc. noxious weed mgmt.) & Mulching	2.4	AC	\$ 2,018.00	= \$ 4,843.20		\$ 4,843.20
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 372,900.00	= \$ 372,900.00		\$ 372,900.00
Concrete Washout Basin	1	EA	\$ 1,172.00	= \$ 1,172.00		\$ 1,172.00
Inlet Protection	24	EA	\$ 217.00	= \$ 5,208.00		\$ 5,208.00
Rock Check Dam		EA	\$ 651.00	= \$ -		\$ -
Safety Fence	3125	LF	\$ 3.00	= \$ 9,375.00		\$ 9,375.00
Sediment Basin	2	EA	\$ 2,294.00	= \$ 4,588.00		\$ 4,588.00
Sediment Trap		EA	\$ 538.00	= \$ -		\$ -
Silt Fence	1071	LF	\$ 3.00	= \$ 3,213.00		\$ 3,213.00
Slope Drain		LF	\$ 43.00	= \$ -		\$ -
Straw Bale		EA	\$ 33.00	= \$ -		\$ -
Straw Wattle/Rock Sock	5	LF	\$ 8.00	= \$ 40.00		\$ 40.00
Surface Roughening	2.4	AC	\$ 269.00	= \$ 645.60		\$ 645.60
Temporary Erosion Control Blanket	8045	SY	\$ 3.00	= \$ 24,135.00		\$ 24,135.00
Temporary Seeding and Mulching	2.4	AC	\$ 1,793.00	= \$ 4,303.20		\$ 4,303.20
Vehicle Tracking Control	1	EA	\$ 3,085.00	= \$ 3,085.00		\$ 3,085.00
Saw cut	525	LF	\$ 5.00	= \$ 2,625.00		\$ 2,625.00
<i>(insert items not listed but part of construction plans)</i>						
				MAINTENANCE (35% of Construction BMPs)	= \$ 158,269.30	\$ 158,269.30
				Section 1 Subtotal	= \$ 883,382.30	\$ 883,382.30

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS						
Construction Traffic Control	1	LS	\$ 4,500.00	= \$ 4,500.00	\$ 4,500.00	\$ 4,500.00
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	= \$ -	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)	352	CY	\$ 66.00	= \$ 23,232.00	\$ 23,232.00	\$ 23,232.00
Asphalt Pavement (3" thick)		SY	\$ 18.00	= \$ -	\$ -	\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	= \$ -	\$ -	\$ -
Asphalt Pavement (5" thick)	176	SY	\$ 38.00	= \$ 6,688.00	\$ 6,688.00	\$ 6,688.00
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	= \$ -	\$ -	\$ -
Raised Median, Paved		SF	\$ 11.00	= \$ -	\$ -	\$ -
Regulatory Sign/Advisory Sign	3	EA	\$ 392.00	= \$ 1,176.00	\$ 1,176.00	\$ 1,176.00
Guide/Street Name Sign		EA		= \$ -	\$ -	\$ -
Epoxy Pavement Marking	100	SF	\$ 17.00	= \$ 1,700.00	\$ 1,700.00	\$ 1,700.00
Thermoplastic Pavement Marking		SF	\$ 30.00	= \$ -	\$ -	\$ -
Barricade - Type 3		EA	\$ 259.00	= \$ -	\$ -	\$ -
Delineator - Type I		EA	\$ 31.00	= \$ -	\$ -	\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 38.00	= \$ -	\$ -	\$ -
Curb and Gutter, Type B (Median)		LF	\$ 38.00	= \$ -	\$ -	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	= \$ -	\$ -	\$ -
4" Sidewalk (common areas only)		SY	\$ 62.00	= \$ -	\$ -	\$ -
5" Sidewalk		SY	\$ 77.00	= \$ -	\$ -	\$ -
6" Sidewalk		SY	\$ 94.00	= \$ -	\$ -	\$ -
8" Sidewalk		SY	\$ 125.00	= \$ -	\$ -	\$ -
Pedestrian Ramp		EA	\$ 1,496.00	= \$ -	\$ -	\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	= \$ -	\$ -	\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	= \$ -	\$ -	\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	= \$ -	\$ -	\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	= \$ -	\$ -	\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	= \$ -	\$ -	\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	= \$ -	\$ -	\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	= \$ -	\$ -	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	= \$ -	\$ -	\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	= \$ -	\$ -	\$ -
Electrical Conduit, Size =		LF	\$ 27.00	= \$ -	\$ -	\$ -
Traffic Signal, (provide engineer's estimate)		EA		= \$ -	\$ -	\$ -

PROJECT INFORMATION

The Rock Commerce Center

3/6/2024

PPR2329

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<i>(insert items not listed but part of construction plans)</i>						
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	= \$		\$ -
18" Reinforced Concrete Pipe	150.	LF	\$ 82.00	= \$ 12,300.00		\$ 12,300.00
24" Reinforced Concrete Pipe		LF	\$ 98.00	= \$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	= \$ -		\$ -
36" Reinforced Concrete Pipe	20.	LF	\$ 151.00	= \$ 3,020.00		\$ 3,020.00
42" Reinforced Concrete Pipe		LF	\$ 201.00	= \$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 245.00	= \$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	= \$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	= \$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	= \$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	= \$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	= \$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	= \$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	= \$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	= \$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	= \$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	= \$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	= \$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	= \$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	= \$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	= \$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	= \$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	= \$ -		\$ -
Flared End Section (FES) RCP Size =	4.	EA	\$ 1,350.00	= \$ 5,400.00		\$ 5,400.00
Flared End Section (FES) CSP Size =		EA	= \$	= \$ -		\$ -
End Treatment- Headwall		EA	= \$	= \$ -		\$ -
End Treatment- Wingwall		EA	= \$	= \$ -		\$ -
End Treatment - Cutoff Wall	1.	EA	\$ 12,500.00	= \$ 12,500.00		\$ 12,500.00
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 7,212.00	= \$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 9,377.00	= \$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 9,925.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 12,907.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	= \$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 13,755.00	= \$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	= \$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	= \$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	= \$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	= \$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	= \$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 9.00	= \$ -		\$ -
Rip Rap, #50 size from 6" to 24"	275.	Tons	\$ 104.00	= \$ 28,600.00		\$ 28,600.00
Rip Rap, Grouted		Tons	\$ 124.00	= \$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	= \$	= \$ -		\$ -
Drainage Channel Lining, Concrete	30.	CY	\$ 741.00	= \$ 22,230.00		\$ 22,230.00
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	= \$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	= \$ -		\$ -
Drainage Channel Lining, Other Stabilization			= \$	= \$ -		\$ -
<i>(insert items not listed but part of construction plans)</i>						
<i>(Subject to defect warranty, drainage assurance. A minimum of 20% shall be retained until final acceptance. MAXIMUM OF 80% (ORMS) IS ALLOWED.)</i>						
Section 2 Subtotal				= \$	121,346.00	\$ 121,346.00

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PROJECT INFORMATION		
The Rock Commerce Center	3/6/2024	PPR2329
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS	\$ 4,500.00	= \$	-	\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	= \$	-	\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 61.00	= \$	-	\$ -
Asphalt Pavement (3" thick)		SY	\$ 17.00	= \$	-	\$ -
Asphalt Pavement (4" thick)		SY	\$ 23.00	= \$	-	\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	= \$	-	\$ -
Asphalt Pavement (147 lbs/cf) 1/2" thick		Tons	\$ 106.00	= \$	-	\$ -
Raised Median, Paved		SF	\$ 10.00	= \$	-	\$ -
Regulatory Sign/Advisory Sign		EA	\$ 364.00	= \$	-	\$ -
Guide/Street Name Sign		EA		= \$	-	\$ -
Epoxy Pavement Marking		SF	\$ 16.00	= \$	-	\$ -
Thermoplastic Pavement Marking		SF	\$ 28.00	= \$	-	\$ -
Barricade - Type 3		EA	\$ 241.00	= \$	-	\$ -
Delineator - Type I		EA	\$ 29.00	= \$	-	\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 35.00	= \$	-	\$ -
Curb and Gutter, Type B (Median)		LF	\$ 35.00	= \$	-	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	= \$	-	\$ -
4" Sidewalk (common areas only)		SY	\$ 58.00	= \$	-	\$ -
5" Sidewalk		SY	\$ 72.00	= \$	-	\$ -
6" Sidewalk		SY	\$ 87.00	= \$	-	\$ -
8" Sidewalk		SY	\$ 116.00	= \$	-	\$ -
Pedestrian Ramp		EA	\$ 1,390.00	= \$	-	\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 73.00	= \$	-	\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 111.00	= \$	-	\$ -
Curb Opening with Drainage Chase		EA	\$ 1,790.00	= \$	-	\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 60.00	= \$	-	\$ -
Guardrail Type 7 (Concrete)		LF	\$ 87.00	= \$	-	\$ -
Guardrail End Anchorage		EA	\$ 2,538.00	= \$	-	\$ -
Guardrail Impact Attenuator		EA	\$ 4,556.00	= \$	-	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 95.00	= \$	-	\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 97.00	= \$	-	\$ -
Electrical Conduit, Size =		LF	\$ 20.00	= \$	-	\$ -
Traffic Signal, (provide engineer's estimate)		EA		= \$	-	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond BMP shall be described under Section 1)						
18" Reinforced Concrete Pipe		LF	\$ 82.00	= \$	-	\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	= \$	-	\$ -
36" Reinforced Concrete Pipe		LF	\$ 151.00	= \$	-	\$ -
Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	= \$	-	\$ -
Grated Inlet (Type 13), Depth < 5'		EA	\$ 6,037.00	= \$	-	\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	= \$	-	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 84.00	= \$	-	\$ -
Water Main Pipe (Ductile iron), Size 8"		LF	\$ 98.00	= \$	-	\$ -
Gate Valves, 8"		EA	\$ 2,418.00	= \$	-	\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	= \$	-	\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	= \$	-	\$ -
Fire Cistern installation, complete		EA		= \$	-	\$ -
Water Main Pipe (Ductile Iron), Size 6"		LF	\$ 91.00	= \$	-	\$ -
<i>(Insert items not listed but part of construction plans)</i>						
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 6"		LF	\$ 84.00	= \$	-	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,708.00	= \$	-	\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	= \$	-	\$ -
Sanitary Sewer Lift Station, complete		EA		= \$	-	\$ -
<i>(Insert items not listed but part of construction plans)</i>						
LANDSCAPING IMPROVEMENTS (For subdivisions specific, condition of approval or PUD)						
Fine Grading		SF	\$ 0.45	= \$	-	\$ -
Trees - 1.5" Caliper		EA	\$ 850.00	= \$	-	\$ -
Evergreen Trees - 6' ht.		EA	\$ 850.00	= \$	-	\$ -
Ornamental Tree - 1" Caliper		EA	\$ 800.00	= \$	-	\$ -
Shrubs - 5 Gallon		EA	\$ 75.00	= \$	-	\$ -
Ornamental Grass - 1 Gallon		EA	\$ 50.00	= \$	-	\$ -
Steel Edging		LF	\$ 9.00	= \$	-	\$ -
Cobble Mulch		SF	\$ 2.75	= \$	-	\$ -
Hardwood Mulch		SF	\$ 1.20	= \$	-	\$ -
Native Seed w/ prep		SF	\$ 1.05	= \$	-	\$ -
Automatic Underground Irrigation System		SF	\$ 3.15	= \$	-	\$ -
Section 3 Subtotal = \$ -						

AS-BUILT PLANS (Public Improvements Inc. Permanent WQCV BMPs)	LS	\$ 15,000.00	= \$	15,000.00	\$	15,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)	LS	\$ 5,000.00	= \$	5,000.00	\$	5,000.00

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PROJECT INFORMATION

The Rock Commerce Center	<u>3/6/2024</u>	PPR2329
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction) % Complete	Remaining
Total Construction Financial Assurance \$ 1,024,728.30						
<small>(Sum of all section subtotals plus as-builts and pond/BMP certification)</small>						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,024,728.30						
<small>(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)</small>						
Total Defect Warranty Financial Assurance \$ 157,613.84						
<small>(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)</small>						

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 4/2/24

JK