

2022 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 11/4/2021

PROJECT INFORMATION			
Project Name: Rock Creek Canyon Temporary Batch Plant	Date: 8/8/2022	PCD File No. CDR2211	

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
<i>* Earthwork</i>							
less than 1,000; \$5,300 min	382	CY	\$ 8.00	=	\$ 5,300.00		\$ 5,300.00
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.)	10.00	AC	\$ 886.00	=	\$ 8,860.00		\$ 8,860.00
* Mulching	10.00	AC	\$ 831.00	=	\$ 8,310.00		\$ 8,310.00
* Permanent Erosion Control Blanket	0	SY	\$ 7.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction	0	CY	\$ 22.00	=	\$ -		\$ -
* Permanent Pond/BMP (provide engineer's estimate)	0	EA		=	\$ -		\$ -
	0	EA		=	\$ -		\$ -
Safety Fence	0	LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket	0	SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control	1	EA	\$ 2,625.00	=	\$ 2,625.00		\$ 2,625.00
Silt Fence	1,290	LF	\$ 3.00	=	\$ 3,870.00		\$ 3,870.00
Temporary Seeding	0	AC	\$ 695.00	=	\$ -		\$ -
Temporary Mulch	0	AC	\$ 831.00	=	\$ -		\$ -
Erosion Bales	0	EA	\$ 28.00	=	\$ -		\$ -
Erosion Logs/Straw Wattles	0	LF	\$ 6.00	=	\$ -		\$ -
Rock Check Dams	0	EA	\$ 554.00	=	\$ -		\$ -
Inlet Protection	0	EA	\$ 185.00	=	\$ -		\$ -
Sediment Basin	1	EA	\$ 1,952.00	=	\$ 1,952.00		\$ 1,952.00
Concrete Washout Basin	1	EA	\$ 997.00	=	\$ 997.00		\$ 997.00
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 3,305.40	\$ 3,305.40
Section 1 Subtotal					=	\$ 35,219.40	\$ 35,219.40

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

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS							
Construction Traffic Control	0	LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	0	Tons	\$ 31.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	0	CY	\$ 56.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	0	SY	\$ 21.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)	0	SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick	0	Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved	0	SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	0	EA	\$ 333.00	=	\$ -		\$ -
Guide/Street Name Sign	0	EA		=	\$ -		\$ -
Epoxy Pavement Marking	0	SF	\$ 15.00	=	\$ -		\$ -
Thermoplastic Pavement Marking	0	SF	\$ 26.00	=	\$ -		\$ -
Barricade - Type 3	0	EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I	0	EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	0	LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)	0	LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	0	LF	\$ 32.00	=	\$ -		\$ -
4" Sidewalk (common areas only)	0	SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk	0	SY	\$ 66.00	=	\$ -		\$ -
6" Sidewalk	0	SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk	0	SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp	0	EA	\$ 1,273.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)	0	LF	\$ 67.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)	0	LF	\$ 102.00	=	\$ -		\$ -
Curb Chase	0	EA	\$ 1,639.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)	0	LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)	0	LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage	0	EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator	0	EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)	0	LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)	0	LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =	0	LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection	0	EA	\$ 470,666	=	\$ -		\$ -

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Date 8/8/2022

PCD File No. CDR2211

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					% Complete	Remaining
[insert items not listed but part of construction plans]				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)	0	LF		= \$ -		\$ -
18" Reinforced Concrete Pipe	0	LF	\$ 70.00	= \$ -		\$ -
24" Reinforced Concrete Pipe	0	LF	\$ 83.00	= \$ -		\$ -
30" Reinforced Concrete Pipe	0	LF	\$ 104.00	= \$ -		\$ -
36" Reinforced Concrete Pipe	0	LF	\$ 128.00	= \$ -		\$ -
42" Reinforced Concrete Pipe	0	LF	\$ 171.00	= \$ -		\$ -
48" Reinforced Concrete Pipe	0	LF	\$ 209.00	= \$ -		\$ -
54" Reinforced Concrete Pipe	0	LF	\$ 272.00	= \$ -		\$ -
60" Reinforced Concrete Pipe	0	LF	\$ 319.00	= \$ -		\$ -
66" Reinforced Concrete Pipe	0	LF	\$ 368.00	= \$ -		\$ -
72" Reinforced Concrete Pipe	0	LF	\$ 421.00	= \$ -		\$ -
18" Corrugated Steel Pipe	0	LF	\$ 90.00	= \$ -		\$ -
24" Corrugated Steel Pipe	0	LF	\$ 103.00	= \$ -		\$ -
30" Corrugated Steel Pipe	0	LF	\$ 131.00	= \$ -		\$ -
36" Corrugated Steel Pipe	0	LF	\$ 157.00	= \$ -		\$ -
42" Corrugated Steel Pipe	0	LF	\$ 180.00	= \$ -		\$ -
48" Corrugated Steel Pipe	0	LF	\$ 190.00	= \$ -		\$ -
54" Corrugated Steel Pipe	0	LF	\$ 278.00	= \$ -		\$ -
60" Corrugated Steel Pipe	0	LF	\$ 300.00	= \$ -		\$ -
66" Corrugated Steel Pipe	0	LF	\$ 364.00	= \$ -		\$ -
72" Corrugated Steel Pipe	0	LF	\$ 428.00	= \$ -		\$ -
78" Corrugated Steel Pipe	0	LF	\$ 492.00	= \$ -		\$ -
84" Corrugated Steel Pipe	0	LF	\$ 588.00	= \$ -		\$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	0	EA		= \$ -		\$ -
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)	0	EA		= \$ -		\$ -
End Treatment- Headwall	0	EA		= \$ -		\$ -
End Treatment- Wingwall	0	EA		= \$ -		\$ -
End Treatment - Cutoff Wall	0	EA		= \$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'	0	EA	\$ 6,138.00	= \$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	0	EA	\$ 7,981.00	= \$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'	0	EA	\$ 9,242.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'	0	EA	\$ 8,447.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'	0	EA	\$ 8,706.00	= \$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'	0	EA	\$ 10,898.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'	0	EA	\$ 10,984.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'	0	EA	\$ 11,775.00	= \$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'	0	EA	\$ 12,876.00	= \$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'	0	EA	\$ 11,706.00	= \$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'	0	EA	\$ 12,920.00	= \$ -		\$ -
Grated Inlet (Type C), Depth < 5'	0	EA	\$ 5,138.00	= \$ -		\$ -
Grated Inlet (Type D), Depth < 5'	0	EA	\$ 6,347.00	= \$ -		\$ -
Storm Sewer Manhole, Box Base	0	EA	\$ 12,876.00	= \$ -		\$ -
Storm Sewer Manhole, Slab Base	0	EA	\$ 7,082.00	= \$ -		\$ -
Geotextile (Erosion Control)	0	SY	\$ 7.00	= \$ -		\$ -
Rip Rap, #50 size from 6" to 24"	0	Tons	\$ 89.00	= \$ -		\$ -
Rip Rap, Grouted	0	Tons	\$ 105.00	= \$ -		\$ -
Drainage Channel Construction, Size (W x H)	0	LF	\$ -	= \$ -		\$ -
Drainage Channel Lining, Concrete	0	CY	\$ 631.00	= \$ -		\$ -
Drainage Channel Lining, Rip Rap	0	CY	\$ 124.00	= \$ -		\$ -
Drainage Channel Lining, Grass	0	AC	\$ 1,626.00	= \$ -		\$ -
Drainage Channel Lining, Other Stabilization	0			= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
Section 2 Subtotal				= \$ -		\$ -

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

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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	= \$	-		\$ -
Total Construction Financial Assurance						\$ 35,219.40
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 35,219.40
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 4,494.00
(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.



Travis Bell
 Engineer (P.E. Seal Required)

Travis Bell

Digitally signed by Travis Bell
 DN: C=US, E=tbell@crcclic.com, O=Castle Rock
 Construction Co, OU=General Superintendent,
 CN=Travis Bell
 Date: 2022.09.23 16:09:19-06:00

09.23.22

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

APPROVED
Engineering Department
 10/31/2022 8:05:22 AM
dsdnijkamp
 EPC Planning & Community
 Development Department