

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

Updated: 10/2023

PROJECT INFORMATION		
Project Name _____	Date _____	PCD File No. _____

SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)		
					%	Complete	Remaining
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	131380.	CY	\$ 2.50	= \$ 328,450.00			\$ 328,450.00
greater than 200,000; \$500,000 min		CY	\$ 2.00	= \$ -			\$ -
Permanent Erosion Control Blanket	805.	SY	\$ 9.00	= \$ 7,245.00			\$ 7,245.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	.17	AC	\$ 2,018.00	= \$ 343.06			\$ 343.06
Permanent Pond/BMP (provide engineer's estimate)		EA		= \$ -			\$ -
Concrete Washout	1.	EA	\$ 1,172.00	= \$ 1,172.00			\$ 1,172.00
Inlet Protection	6.	EA	\$ 217.00	= \$ 1,302.00			\$ 1,302.00
Rock Check Dam	6.	EA	\$ 651.00	= \$ 3,906.00			\$ 3,906.00
Safety Fence		LF	\$ 3.00	= \$ -			\$ -
Sediment Basin		EA	\$ 2,294.00	= \$ -			\$ -
Sediment Trap	11725.	EA	\$ 538.00	= \$ 6,308,050.00			\$ 6,308,050.00
Silt Fence		LF	\$ 3.00	= \$ -			\$ -
Slope Drain		LF	\$ 43.00	= \$ -			\$ -
Straw Bale		EA	\$ 33.00	= \$ -			\$ -
Straw Wattle/Rock	240.	LF	\$ 8.00	= \$ 1,920.00			\$ 1,920.00
Surface Roughening		AC	\$ 269.00	= \$ -			\$ -
Temporary Erosion Control	8444.4	SY	\$ 3.00	= \$ 25,333.20			\$ 25,333.20
Temporary Seeding	17.	AC	\$ 1,793.00	= \$ 30,481.00			\$ 30,481.00
Vehicle Tracking	2.	EA	\$ 3,085.00	= \$ 6,170.00			\$ 6,170.00
				= \$ -			\$ -
				= \$ -			\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 2,232,006.77			\$ 2,232,006.77
Section 1 Subtotal				= \$ 8,946,379.03			\$ 8,946,379.03

Unresolved from Submittal 3 - The total project site disturbs 17 acres. Permanent seeding should be more than 0.17 acres. All area within the limits of disturbance that does not have asphalt/gravel to stabilize should be seeded. The CDs have been marked in all locations where seeding/mulching needs to be accounted for. If the surfaces above the sewer line are to be stabilized with a different material clearly identify.

SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		= \$ -			\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	= \$ -			\$ -
Aggregate Base Course (135 lbs/cf)	215.	CY	\$ 66.00	= \$ 14,190.00			\$ 14,190.00
Asphalt Pavement (3" thick)		SY	\$ 18.00	= \$ -			\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	= \$ -			\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	= \$ -			\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	= \$ -			\$ -
Raised Median, Paved		SF	\$ 11.00	= \$ -			\$ -
Regulatory Sign/Advisory Sign		EA	\$ 392.00	= \$ -			\$ -
Guide/Street Name Sign		EA		= \$ -			\$ -
Epoxy Pavement Marking		SF	\$ 17.00	= \$ -			\$ -
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	\$ 22.00	= \$ -			\$ -
Traffic Signal, (provide engineer's estimate)		EA		= \$ -			\$ -

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					% 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		LF	\$ 82.00	= \$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	= \$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	= \$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 151.00	= \$ -		\$ -
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 = (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	\$ 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, d50 size from 6" to 24"		Tons	\$ 104.00	= \$ -		\$ -
Rip Rap, Grouted		Tons	\$ 124.00	= \$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		= \$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	= \$ -		\$ -
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>				= \$ -		\$ -
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Section 2 Subtotal				= \$ 14,190.00		\$ 14,190.00

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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)				= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 8,960,569.03
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 8,960,569.03
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 70,045.61
(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.

A. Ant



Engineer (P.E. Seal Required)

James Shu Mayor
Approved by Owner / Applicant

3-29-2024
Date

Approved by El Paso County Engineer / ECM Administrator

Date