

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

PCD File # PPR2419

Updated: 10/2023

PROJECT INFORMATION		
Monument LDS Church - Parking lot addition	5/8/2024	
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	435.	CY	\$ 8.00	=	\$ 3,480.00		\$ 3,480.00
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 Erosion Control Blanket		SY	\$ 9.00	=	\$ -		\$ -
Permanent Seeding (inc. noxious weed mgmt.) & Mulching		AC	\$ 2,018.00	=	\$ -		\$ -
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
Concrete Washout Basin	1.	EA	\$ 1,172.00	=	\$ 1,172.00		\$ 1,172.00
Inlet Protection	1.	EA	\$ 217.00	=	\$ 217.00		\$ 217.00
Rock Check Dam		EA	\$ 651.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 2,294.00	=	\$ -		\$ -
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -
Silt Fence	585.	LF	\$ 3.00	=	\$ 1,755.00		\$ 1,755.00
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -
Straw Bale		EA	\$ 33.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF	\$ 8.00	=	\$ -		\$ -
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching	.2	AC	\$ 1,793.00	=	\$ 358.60		\$ 358.60
Vehicle Tracking Control	1.	EA	\$ 3,085.00	=	\$ 3,085.00		\$ 3,085.00
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 1,895.46	\$ 1,895.46
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED).							
Section 1 Subtotal					=	\$ 11,963.06	\$ 11,963.06

See GEC Plan comments.

+ Please add all signs per SDP comments as they are within the ROW

Remove all pvt parking lots improvements that are not within public ROW. Please contact review engineer with any questions.

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	224.	Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 66.00	=	\$ 14,784.00		\$ 14,784.00
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)	2022.	SY	\$ 38.00	=	\$ 76,836.00		\$ 76,836.00
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	552.	SF	\$ 17.00	=	\$ 9,384.00		\$ 9,384.00
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)	922.	LF	\$ 38.00	=	\$ 35,036.00		\$ 35,036.00
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)	50.	SY	\$ 60.00	=	\$ 3,100.00		\$ 3,100.00
5" Sidewalk		SY	\$ -	=	\$ -		\$ -
6" Sidewalk		SY	\$ -	=	\$ -		\$ -
8" Sidewalk		SY	\$ 1	=	\$ -		\$ -
Pedestrian Ramp	3.	EA	\$ 1,496.00	=	\$ 4,488.00		\$ 4,488.00
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ -	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 1	=	\$ -		\$ -
Curb Opening with Drainage Chaise		EA	\$ 1.9	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ -	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ -	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2.7	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4.9	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 1	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Light Poles	4.	EA	\$ 2,000.00	=	\$ 8,000.00		\$ 8,000.00
Electrical Conduit, Size = 1 1/2"	454.	LF	\$ 22.00	=	\$ 9,988.00		\$ 9,988.00
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

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SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**						
ROADWAY IMPROVEMENTS						
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
				\$ -		\$ -
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		=	\$ -	\$ -
				=	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
				=	\$ -	\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"		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 subdivision specific condition of approval, or PUD)						
Trees	9.	EA	\$ 400.00	=	\$ 3,600.00	\$ 3,600.00
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
				=	\$ -	\$ -
Section 3 Subtotal				=	\$ 3,600.00	\$ 3,600.00

** - Section 3 is not subject to defect warranty requirements

Add 18inch RCP

Add box inlet for 18in RCP along ROW to account for the connection and stub. The inlet installed by the County does not provide a stub out.

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AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)				= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 177,179.06
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 177,179.06
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 33,019.20
(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.

Engineer (P.E. Seal Required)

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date