

Please use the latest 2024 form, provided here:



Add the cost of SFB C that is shown in the Segment 2 FDR, once the estimate is updated per my comment in the FDR.

CDR2321

Updated: 12/8/2022

2023 Financial Assurance Estimate Form (with pre-plat construction)

PROJECT INFORMATION		
Eastonville Road Segment 2	2/2/2024	
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		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	52,476	CY	\$ 2.50	=	\$ 175,000.00		\$ 175,000.00	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -	
Permanent Erosion Control Blanket		SY	\$ 8.00	=	\$ -		\$ -	
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	3.0	AC	\$ 1,875.00	=	\$ 5,625.00		\$ 5,625.00	
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -	
Concrete Washout Basin		EA	\$ 1,089.00	=	\$ -		\$ -	
Inlet Protection	10	EA	\$ 202.00	=	\$ 2,020.00		\$ 2,020.00	
Rock Check Dam	15	EA	\$ 605.00	=	\$ 9,075.00		\$ 9,075.00	
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -	
Sediment Basin	1	EA	\$ 2,132.00	=	\$ 2,132.00		\$ 2,132.00	
Sediment Trap		EA	\$ 500.00	=	\$ -		\$ -	
Silt Fence	4,148	LF	\$ 3.00	=	\$ 12,444.00		\$ 12,444.00	
Slope Drain		LF	\$ 40.00	=	\$ -		\$ -	
Straw Bale		EA	\$ 31.00	=	\$ -		\$ -	
Straw Wattle/Rock Sock	88	LF	\$ 7.00	=	\$ 616.00		\$ 616.00	
Surface Roughening		AC	\$ 250.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -	
Temporary Seeding and Mulching		AC	\$ 1,666.00	=	\$ -		\$ -	
Vehicle Tracking Control		EA	\$ 2,867.00	=	\$ -		\$ -	
Cut (Quantity for Reference Only)	15,272	CY	\$ -	=	\$ -		\$ -	
Fill (Quantity for Reference Only)	37,224	CY	\$ -	=	\$ -		\$ -	
Landscape Roundabout	4,536	SF	\$ 3.00	=	\$ 13,609.38		\$ 13,609.38	
<i>[insert items not listed but part of construction plans]</i>								
MAINTENANCE (35% of Construction BMPs)					=	\$ 13,963.73		\$ 13,963.73
Section 1 Subtotal					=	\$ 234,485.11		\$ 234,485.11

* - 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	1.0	LS	\$ 5,500.00	=	\$ 5,500.00		\$ 5,500.00
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	3,160.0	CY	\$ 61.00	=	\$ 192,760.00		\$ 192,760.00
Asphalt Pavement (3" thick)		SY	\$ 17.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 23.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	=	\$ 663,635.00		\$ 663,635.00
Asphalt Pavement (147 lbs/cf) ___" thick	18,961.0	Tons	\$ 106.00	=	\$ -		\$ -
Raised Median, Paved	21,087.0	SF	\$ 10.00	=	\$ 210,870.00		\$ 210,870.00
Regulatory Sign/Advisory Sign	45.0	EA	\$ 364.00	=	\$ 16,380.00		\$ 16,380.00
Guide/Street Name Sign	7.0	EA	\$ 125.00	=	\$ 875.00		\$ 875.00
Epoxy Pavement Marking	4,668.0	SF	\$ 16.00	=	\$ 74,688.00		\$ 74,688.00
Thermoplastic Pavement Marking	436.0	SF	\$ 28.00	=	\$ 12,208.00		\$ 12,208.00
Barricade - Type 3	3.0	EA	\$ 241.00	=	\$ 723.00		\$ 723.00
Delineator - Type I		EA	\$ 29.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	7,146.0	LF	\$ 35.00	=	\$ 250,110.00		\$ 250,110.00
Curb and Gutter, Type B (Median)	1,893.0	LF	\$ 35.00	=	\$ 66,255.00		\$ 66,255.00
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 58.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 72.00	=	\$ -		\$ -
6" Sidewalk	790.0	SY	\$ 87.00	=	\$ 68,730.00		\$ 68,730.00
8" Sidewalk		SY	\$ 116.00	=	\$ -		\$ -
Pedestrian Ramp	14.0	EA	\$ 1,390.00	=	\$ 19,460.00		\$ 19,460.00
Cross Pan, local (8" thick, 6' wide to include return)	86.0	LF	\$ 73.00	=	\$ 6,278.00		\$ 6,278.00
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		=	\$ -		\$ -

Is there a draft pavement design yet?

a more-detailed review will be provided on next submittal

18" minimum

PROJECT INFORMATION

Eastonville Road Segment 2

2/2/2024

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
Demo (Road)	10,680	SY	\$ 1.00	=	\$ 10,680.00		\$ 10,680.00
Demo (Fence)	3,551	LF	\$ 0.50	=	\$ 1,775.50		\$ 1,775.50
Demo (Culvert)	3	EA	\$ 250.00	=	\$ 750.00		\$ 750.00
Apron Curb	716	LF	\$ 32.00	=	\$ 22,912.00		\$ 22,912.00
Detectable Warning Surface	14	EA	\$ 75.00	=	\$ 1,050.00		\$ 1,050.00
[insert items not listed but part of construction plans]							
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (12W x 3H)	117	LF	\$ 750.00	=	\$ 87,750.00		\$ 87,750.00
12" Reinforced Concrete Pipe	150	LF	\$ 61.00	=	\$ 9,150.00		\$ 9,150.00
15" Reinforced Concrete Pipe	129	LF	\$ 69.00	=	\$ 8,901.00		\$ 8,901.00
18" Reinforced Concrete Pipe	781	LF	\$ 76.00	=	\$ 59,356.00		\$ 59,356.00
24" Reinforced Concrete Pipe	162	LF	\$ 91.00	=	\$ 14,742.00		\$ 14,742.00
30" Reinforced Concrete Pipe		LF	\$ 114.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 140.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 187.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe	1,680	LF	\$ 228.00	=	\$ 383,040.00		\$ 383,040.00
54" Reinforced Concrete Pipe		LF	\$ 297.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 348.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 402.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 460.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 98.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 112.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 143.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 171.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 197.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 207.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 304.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 328.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 397.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 467.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 537.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 642.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 18" (unit cost = 6x pipe unit cost)	3	EA	\$ 456.00	=	\$ 1,368.00		\$ 1,368.00
Flared End Section (FES) CSP Size = 24 (unit cost = 6x pipe unit cost)	2	EA	\$ 972.00	=	\$ 1,944.00		\$ 1,944.00
Flared End Section (FES) CSP Size = 48 (unit cost = 6x pipe unit cost)	2	EA	\$ 1,368.00	=	\$ 2,736.00		\$ 2,736.00
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall	2	EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,703.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 8,715.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 10,092.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'	6	EA	\$ 9,224.00	=	\$ 55,344.00		\$ 55,344.00
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 9,507.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 11,901.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 11,995.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 12,858.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 14,061.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 12,783.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 14,109.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,611.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,931.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base	10	EA	\$ 14,061.00	=	\$ 140,610.00		\$ 140,610.00
Storm Sewer Manhole, Slab Base		EA	\$ 7,734.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 8.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	577.0	Tons	\$ 97.00	=	\$ 55,969.00		\$ 55,969.00
Rip Rap, Grouted		Tons	\$ 115.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 689.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 135.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,776.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
Grass Lined Swale	2,976	LF	\$ 9.00	=	\$ 26,784.00		\$ 26,784.00
[insert items not listed but part of construction plans]							
					Section 2 Subtotal	= \$ 2,473,333.50	\$ 2,473,333.50

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

PROJECT INFORMATION		
Eastonville Road Segment 2	2/2/2024	
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						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 78.00	= \$	-	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	= \$	-	\$ -
Gate Valves, 8"		EA	\$ 2,247.00	= \$	-	\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,978.00	= \$	-	\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,601.00	= \$	-	\$ -
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	\$ 78.00	= \$	-	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,305.00	= \$	-	\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,696.00	= \$	-	\$ -
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)						
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
Section 3 Subtotal				= \$	-	\$ -

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

Will the MVEA relocations cost money?

PROJECT INFORMATION		
Eastonville Road Segment 2	2/2/2024	
Project Name	Date	PCD File No.

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						\$ 2,707,818.61
<small>(Sum of all section subtotals plus as-builts and pond/BMP certification)</small>						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 2,707,818.61
<small>(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)</small>						
Total Defect Warranty Financial Assurance						\$ 530,791.70
<small>(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)</small>						

Add costs for these two items

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