

Complete the 2023 form:



Update to SF2311

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

Update to match the net cut/fill in the GEC Plan (sheet G0.2).

Updated: 11/4/2021

Grandview Reserve Filing No. 1	11/14/2022	SF-22-XXX
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	13,057	CY	\$ 5.00	=	\$ 65,285.00		\$ 65,285.00
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.)		AC	\$ 886.00	=	\$ -		\$ -
* Mulching		AC	\$ 831.00	=	\$ -		\$ -
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$ -		\$ -
* Permanent Pond/BMP (see item breakdown below)	2	EA	\$ -	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control		EA	\$ 2,625.00	=	\$ -		\$ -
Silt Fence	4,891	LF	\$ 3.00	=	\$ 14,673.00		\$ 14,673.00
Temporary Seeding		AC	\$ 695.00	=	\$ -		\$ -
Temporary Mulch		AC	\$ 831.00	=	\$ -		\$ -
Erosion Bales		EA	\$ 28.00	=	\$ -		\$ -
Erosion Logs/Straw Wattles	3,272	LF	\$ 6.00	=	\$ 19,632.00		\$ 19,632.00
Rock Check Dams	8	EA	\$ 554.00	=	\$ 4,432.00		\$ 4,432.00
Inlet Protection	12	EA	\$ 185.00	=	\$ 2,220.00		\$ 2,220.00
Sediment Basin		EA	\$ 1,952.00	=	\$ -		\$ -
Concrete Washout Basin		EA	\$ 997.00	=	\$ -		\$ -
Forebay	3	EA	\$ 10,000.00	=	\$ 30,000.00		\$ 30,000.00
Trickle Channel	454	LF	\$ 10.00	=	\$ 4,540.00		\$ 4,540.00
Micropool	2	EA	\$ 5,000.00	=	\$ 10,000.00		\$ 10,000.00
Outlet Structure	2	EA	\$ 12,500.00	=	\$ 25,000.00		\$ 25,000.00
MAINTENANCE (35% of Construction BMPs)				=	\$ 38,673.95		\$ 38,673.95
Section 1 Subtotal				=	\$ 214,455.95		\$ 214,455.95

* - 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	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
Aggregate Base Course (135 lbs/cf)	690	Tons	\$ 31.00	=	\$ 21,390.00		\$ 21,390.00
Aggregate Base Course (135 lbs/cf)		CY	\$ 56.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	18,661	SY	\$ 21.00	=	\$ 391,881.00		\$ 391,881.00
Asphalt Pavement (6" thick)		SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	7	EA	\$ 333.00	=	\$ 2,331.00		\$ 2,331.00
Guide/Street Name Sign	12	EA	\$ 125.00	=	\$ 1,500.00		\$ 1,500.00
Epoxy Pavement Marking		SF	\$ 15.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 26.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	831	LF	\$ 32.00	=	\$ 26,592.00		\$ 26,592.00
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	8,725	LF	\$ 32.00	=	\$ 279,200.00		\$ 279,200.00
4" Sidewalk (common areas only)		SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk	5,340	SY	\$ 66.00	=	\$ 352,440.00		\$ 352,440.00
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp	21	EA	\$ 1,273.00	=	\$ 26,733.00		\$ 26,733.00
Cross Pan, local (8" thick, 6' wide to include return)	360	LF	\$ 67.00	=	\$ 24,120.00		\$ 24,120.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 102.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,639.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470,666	=	\$ -		\$ -
Fire Access Road - Gate	6	EA	\$ 1,500	=	\$ 9,000.00		\$ 9,000.00
5' Pedestrian Trail (Crushed Refines)	10,313	SF	\$ 0.75	=	\$ 7,734.75		\$ 7,734.75
Maintenance & Fire Access Roads (Gravel)	34,890	SF	\$ 1.25	=	\$ 43,612.50		\$ 43,612.50

update to 23. Add ramp crossing Katie Meadow Lane at the intersection with Brixham Dr.

Show/label Fire access gates on the construction drawings.

PROJECT INFORMATION

Grandview Reserve Filing No. 1	10/14/2022	SF-22-XXX
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>				=	\$ -		\$ - *

Fix page break.

PROJECT INFORMATION

Grandview Reserve Filing No. 1

10/14/2022

SF-22-XXX

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	=	Total	(with Pre-Plat Construction)	
						% Complete	Remaining
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	296	LF	\$ 70.00	=	\$ 20,720.00		\$ 20,720.00
24" Reinforced Concrete Pipe	571	LF	\$ 83.00	=	\$ 47,393.00		\$ 47,393.00
30" Reinforced Concrete Pipe	305	LF	\$ 104.00	=	\$ 31,720.00		\$ 31,720.00
36" Reinforced Concrete Pipe	461	LF	\$ 128.00	=	\$ 59,008.00		\$ 59,008.00
42" Reinforced Concrete Pipe	170	LF	\$ 171.00	=	\$ 29,070.00		\$ 29,070.00
48" Reinforced Concrete Pipe		LF	\$ 209.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 319.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 368.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 421.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 90.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 103.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 131.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 157.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 180.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 190.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 278.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 300.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 364.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 428.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 492.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 588.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 18" <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 420.00	=	\$ 840.00		\$ 840.00
Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small>		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,138.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,981.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 9,242.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 8,447.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 8,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 10,898.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,984.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	10	EA	\$ 11,775.00	=	\$ 117,750.00		\$ 117,750.00
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 12,876.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 11,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 12,920.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ -	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'	1	EA	\$ 6,347.00	=	\$ 6,347.00		\$ 6,347.00
Storm Sewer Manhole, Box Base		EA	\$ -	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ -	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	1,895	Tons	\$ 89.00	=	\$ 168,655.00		\$ 168,655.00
Rip Rap, Grouted		Tons	\$ 105.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 631.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 124.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,626.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
Type 2 Granular Bedding	18,456	SF	\$ 1.00	=	\$ 18,456.00		\$ 18,456.00
Grass Lined Drainage Swale	764	LF	\$ 9.00	=	\$ 6,876.00		\$ 6,876.00
Section 2 Subtotal					= \$ 1,698,369.25		\$ 1,698,369.25

Provide storm drain manhole quantities.

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

PROJECT INFORMATION

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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	\$ 20,000.00	=	\$ 20,000.00		\$ 20,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
Total Construction Financial Assurance						\$	3,467,940.20
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	3,467,940.20
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	352,730.85
(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