

PROJECT INFORMATION

Saddlehorn Ranch Filing 2 Improvements	1/2/2022	SF-21-033
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 31.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 62.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 75.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,190.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 63.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 95.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,532.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 51.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 75.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 3,899.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 81.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 83.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 17.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -		\$ -
<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	223	LF	\$ 67.00	=	\$ 14,941.00		\$ 14,941.00
24" Reinforced Concrete Pipe	123	LF	\$ 81.00	=	\$ 9,963.00		\$ 9,963.00
19" x 30" Horizontal Elliptical Reinforced Concrete Pipe	68	LF	\$ 100.00	=	\$ 6,800.00		\$ 6,800.00
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$ -
32" CMP	16	LF	\$ 120.00	=	\$ 1,920.00		\$ 1,920.00
60" Corrugated Steel Pipe		LF	\$ 290.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 352.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 414.00	=	\$ -		\$ -
18" - Flared End Section (FES)	6	EA	\$ 402.00	=	\$ 2,412.00		\$ 2,412.00
18" - Flared End Section (FES)	8	EA	\$ 402.00	=	\$ 3,216.00		\$ 3,216.00
24" - Flared End Section (FES)	4	EA	\$ 486.00	=	\$ 1,944.00		\$ 1,944.00
19" x 30" - Flared End Section (FES)	2	EA	\$ 600.00	=	\$ 1,200.00		\$ 1,200.00
30" - Flared End Section (FES)	2	EA	\$ 600.00	=	\$ 1,200.00		\$ 1,200.00
32" Flared End Section (FES)	1	EA	\$ 650.00	=	\$ 650.00		\$ 650.00
Flared End Section (FES) CSR Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall				=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'			5,736.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'			7,440.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'			8,637.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 7,894.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 8,136.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 10,265.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,005.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,034.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 10,940.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,619.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.20	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	476	Tons	\$ 83.00	=	\$ 39,508.00		\$ 39,508.00
Rip Rap, Grouted		Tons	\$ 98.00	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 590.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC		=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
					Section 2 Subtotal	= \$ 2,266,816.60	\$ 2,266,816.60

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**

ROADWAY IMPROVEMENTS				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -

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Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
STORM DRAIN IMPROVEMENTS				=	\$ -		\$ -
<i>(Exception: Permanent Pond/BMP shall be itemized under Section 1)</i>							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	6,800	LF	\$ 66.00	=	\$ 448,800.00		\$ 448,800.00
Water Main Pipe (PVC), Size 12"	1,696	LF	\$ 100.00	=	\$ 169,600.00		\$ 169,600.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -
					\$ -		\$ -
Gate Valves, 8"	22	EA	\$ 1,923.00	=	\$ 42,306.00		\$ 42,306.00
Gate Valves, 12"	6	EA	\$ 2,900.00	=	\$ 17,400.00		\$ 17,400.00
Fire Hydrant Assembly, w/ all valves	18	EA	\$ 6,828.00	=	\$ 122,904.00		\$ 122,904.00
Water Service Line Installation, inc. tap and valves	42	EA	\$ 1,370.00	=	\$ 57,540.00		\$ 57,540.00
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	\$ 66.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,540.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,451.00	=	\$ -		\$ -
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
				=	\$ -		\$ -
LANDSCAPING IMPROVEMENTS							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
<i>** - Section 3 is not subject to defect warranty requirements</i>							
Section 3 Subtotal				=	\$ 858,550.00		\$ 858,550.00
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
Total Construction Financial Assurance						\$	3,636,873.98
<i>(Sum of all section subtotals plus as-builts and pond/BMP certification)</i>							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	3,636,873.98
<i>(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)</i>							
Total Defect Warranty Financial Assurance						\$	490,348.94
<i>(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)</i>							

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)

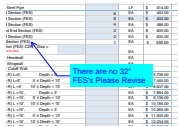
Financial Assurance Forms_V2.pdf Markup Summary

CDurham (2)



Subject: Callout
Page Label: 1
Author: CDurham
Date: 3/23/2022 4:30:10 PM
Status:
Color: ■
Layer:
Space:

Quantity seems awfully high. This should only be safety fence around outlet structure in pond.



Subject: Callout
Page Label: 2
Author: CDurham
Date: 3/23/2022 4:32:27 PM
Status:
Color: ■
Layer:
Space:

There are no 32" FES's Please Revise