

2022 Financial Assurance
(with pre-plat construction)

Cursory comments provided. Quantities in section 2 will be verified once the construction plans for these items are included in the resubmittal and the drainage report provides a clear narrative on what is being constructed with the early grading application.

Replace with EGP221

Updated: 3/21/2022

	included in the resubmittal and the drainage report provides a clear narrative on what is being constructed with the each grading collection.	INFORMATION
Saddlehorn Ranch Filing 2 Improvement		8/21/2022 SF-21-033
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	50,633	CY	\$ 2.50	=	\$ 175,000.00		\$ 175,000.00
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)	6	AC	\$ 828.00	=	\$ 5,266.08		\$ 5,266.08
* Mulching	6	AC	\$ 777.00	=	\$ 4,662.00		\$ 4,662.00
* Permanent Erosion Control Blanket	0	SY	\$ 6.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction	See Below	CY	\$ -	=			\$ -
* Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
*30" RCP		LF	\$ 100.00	=	\$ -		\$ -
*Detention Outlet Structure		EA	\$ 5,000.00	=	\$ -		\$ -
*Concrete/Riprap Forebay		EA	\$ 3,000.00	=	\$ -		\$ -
*Concrete Trickle Channel		CY	\$ 95.00	=	\$ -		\$ -
*Detention Emergency Spillway		EA	\$ 4,000.00	=	\$ -		\$ -
*Drainageway riprap, d50 size from 6" to 24"		Tons	\$ 83.00	=	\$ -		\$ -
*30" - Flared End Section (FES)		EA	\$ 600.00	=	\$ -		\$ -
*Permanent WQ Feature (EDB)	1	EA	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
*Gravel Maintenance Access Road	1,046	SY	\$ 45.00	=	\$ 47,070.00		\$ 47,070.00
				=	\$ -		\$ -
Safety Fence	8,102	LF	\$ 3.00	=	\$ 24,306.00		\$ 24,306.00
Temporary Erosion Control Blanket	3,642	SY	\$ 3.00	=	\$ 10,926.00		\$ 10,926.00
Vehicle Tracking Control	2	EA	\$ 2,453.00	=	\$ 4,906.00		\$ 4,906.00
Silt Fence	11,010	LF	\$ 2.60	=	\$ 28,626.00		\$ 28,626.00
Temporary Seeding	13	AC	\$ 650.00	=	\$ 8,450.00		\$ 8,450.00
Temporary Mulch	13	AC	\$ 777.00	=	\$ 10,101.00		\$ 10,101.00
Erosion Bales	0	EA	\$ 26.00	=	\$ -		\$ -
Erosion Logs/Straw Waddle	0	LF	\$ 5.00	=	\$ -		\$ -
Rock Check Dams	38	EA	\$ 518.00	=	\$ 19,684.00		\$ 19,684.00
Inlet and Outlet Protection	17	EA	\$ 173.00	=	\$ 2,941.00		\$ 2,941.00
Sediment Basin	3	EA	\$ 1,824.00	=	\$ 5,472.00		\$ 5,472.00
Concrete Washout Basin		EA	\$ -	=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
MAINTENANCE (35% of Construction Items)					31,887.10		\$ 31,887.10
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
Section 1 Subtotal				=	\$ 384,297.18		\$ 384,297.18

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS

Mobilization/Construction Traffic Control		LS	\$ 50,000.00	=	\$ -		\$ -
Removal of Asphalt (Full Depth)		SY	\$ 10.00		\$ -		\$ -
Removal of Asphalt (Planing-4")		SY	\$ 5.00		\$ -		\$ -
Removal of Striping		LF	\$ 1.00		\$ -		\$ -
Removal of Fencing		LF	\$ 5.00		\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 52.00		\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.50		\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 20.00		\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 30.00		\$ -		\$ -
Asphalt Pavement (147 lbs/cf) 6" thick		Tons	\$ 91.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 8.30	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 311.00	=	\$ -		\$ -
Guide/Street Name Sign		EA	\$ 250.00	=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 207.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 25.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 31.00	=	\$ -		\$ -

see comment on GEC

PROJECT INFORMATION							
Saddlehorn Ranch Filing 2 Improvements Early Grading			3/21/2022		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	=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	80	LF	\$ 67.00	=	\$ 5,360.00		\$ 5,360.00
24" Reinforced Concrete Pipe	100	LF	\$ 81.00	=	\$ 8,100.00		\$ 8,100.00
19" x 30" Horizontal Elliptical Reinforced Concrete Pipe		LF	\$ 100.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$ -
32" CMP		LF	\$ 120.00	=	\$ -		\$ -
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)	2	EA	\$ 402.00		\$ 804.00		\$ 804.00
18" - Flared End Section (FES)		EA	\$ 402.00		\$ -		\$ -
24" - Flared End Section (FES)	4	EA	\$ 486.00		\$ 1,944.00		\$ 1,944.00
19" x 30" - Flared End Section (FES)		EA	\$ 600.00		\$ -		\$ -
30" - Flared End Section (FES)		EA	\$ 600.00		\$ -		\$ -
32" Flared End Section (FES)		EA	\$ 650.00	=	\$ -		\$ -
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	\$ 5,736.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,440.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 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"		Tons	\$ 83.00	=	\$ -		\$ -
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				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal							\$ 16,208.00



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

PROJECT INFORMATION							
Saddlehorn Ranch Filing 2 Improvements Early Grading				3/21/2022		SF-21-033	
Project Name				Date		PCD File No.	
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -

Adjust print area

PROJECT INFORMATION	
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PCD File No.

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)	 _____ Date
Approved by Owner / Applicant _____	_____ Date
Approved by El Paso County Engineer / ECM Administrator _____	_____ Date