


Please complete the 2023 version of this form, linked here: 

Full Review will be completed on next submittal when storm system has been revised and utility plan set has been provided.

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

SF2237

Updated: 11/4/2021

PROJECT INFORMATION		
STERLING RANCH EAST FILING NO. 2	11/16/2022	SF-22-0__
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	21,500	CY	\$ 3.50	=	\$ 100,000.00		\$ 100,000.00	
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 mgmt.)		AC	\$ 886.00	=	\$ -		\$ -	
* Mulching		AC	\$ 831.00	=	\$ -		\$ -	
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$ -		\$ -	
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$ -		\$ -	
* Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -	
Safety Fence		EA		=	\$ -		\$ -	
show location(s) on GEC plans.		LF	\$ 3.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket	2,100	SY	\$ 3.00	=	\$ 6,300.00		\$ 6,300.00	
Vehicle Tracking Control	1	EA	\$ 2,625.00	=	\$ 2,625.00		\$ 2,625.00	
Silt Fence	1,900	LF	\$ 3.00	=	\$ 5,700.00		\$ 5,700.00	
Temporary Seeding	11.0	AC	\$ 695.00	=	\$ 7,645.00		\$ 7,645.00	
Temporary Mulch	11.0	AC	\$ 831.00	=	\$ 9,141.00		\$ 9,141.00	
Erosion Bales	78	EA	\$ 28.00	=	\$ 2,184.00		\$ 2,184.00	
Erosion Logs/Straw Wattles	325	LF	\$ 6.00	=	\$ 1,950.00		\$ 1,950.00	
Rock Check Dams		EA	\$ 554.00	=	\$ -		\$ -	
Inlet Protection	2	EA	\$ 185.00	=	\$ 370.00		\$ 370.00	
Sediment Basin	1	EA	\$ 1,952.00	=	\$ 1,952.00		\$ 1,952.00	
Concrete Washout Basin	1	EA	\$ 997.00	=	\$ 997.00		\$ 997.00	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
MAINTENANCE (35% of Construction BMPs)					=	\$ 13,602.40		\$ 13,602.40
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)								
Section 1 Subtotal					=	\$ 152,466.40		\$ 152,466.40

SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	2,400	Tons	\$ 31.00	=	\$ 74,400.00		\$ 74,400.00
Aggregate Base Course (135 lbs/cf) 8" thick		CY	\$ 56.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 21.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) 6" thick	2,600	Tons	\$ 97.00	=	\$ 252,200.00		\$ 252,200.00
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	4	EA	\$ 333.00	=	\$ 1,332.00		\$ 1,332.00
Guide/Street Name Sign	4	EA	\$ 315.00	=	\$ 1,260.00		\$ 1,260.00
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)	2,090	LF	\$ 32.00	=	\$ 66,880.00		\$ 66,880.00
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	2,250	LF	\$ 32.00	=	\$ 72,000.00		\$ 72,000.00
4" Sidewalk (common areas only)		SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk	2,360	SY	\$ 66.00	=	\$ 155,760.00		\$ 155,760.00
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp	15	EA	\$ 1,273.00	=	\$ 19,095.00		\$ 19,095.00
Cross Pan, local (8" thick, 6' wide to include return)	148	LF	\$ 67.00	=	\$ 9,916.00		\$ 9,916.00
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	=	\$ -		\$ -

PROJECT INFORMATION

STERLING RANCH EAST FILING NO. 2 **11/16/2022** **SF-22-0**
Project Name **Date** **PCD File No.**

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[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	8	LF	\$ 70.00	=	\$ 560.00		\$ 560.00
24" Reinforced Concrete Pipe	32	LF	\$ 83.00	=	\$ 2,656.00		\$ 2,656.00
30" Reinforced Concrete Pipe	104	LF	\$ 104.00	=	\$ 10,816.00		\$ 10,816.00
36" Reinforced Concrete Pipe		LF	\$ 128.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 171.00	=	\$ -		\$ -
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 = <small>(unit cost = 6x pipe unit cost)</small>		EA		=	\$ -		\$ -
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'	2	EA	\$ 8,706.00	=	\$ 17,412.00		\$ 17,412.00
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'		EA	\$ 11,775.00	=	\$ -		\$ -
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	\$ 5,138.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,347.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,876.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	1	EA	\$ 7,082.00	=	\$ 7,082.00		\$ 7,082.00
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 89.00	=	\$ -		\$ -
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				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal					=	\$ 691,369.00	\$ 691,369.00

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

PROJECT INFORMATION		
STERLING RANCH EAST FILING NO. 2	11/16/2022	SF-22-0
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							
Geotextile (under riprap)		SY	\$ 7.00	=	\$ -		\$ -
Riprap (Spillway & Pond outfall)		TONS	\$ 89.00	=	\$ -		\$ -
18" RCP Storm		LF	\$ 70.00	=	\$ -		\$ -
24" RCP Storm		LF	\$ 83.00	=	\$ -		\$ -
30" RCP Storm		LF	\$ 104.00	=	\$ -		\$ -
36" RCP Storm		LF	\$ 128.00	=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
48" RCP Storm		LF	\$ 209.00	=	\$ -		\$ -
Type C Inlets		EA	\$ 5,138.00	=	\$ -		\$ -
Type II Storm Manhole		EA	\$ 7,082.00	=	\$ -		\$ -
Type I Storm Manhole		EA	\$ 12,876.00	=	\$ -		\$ -
Permanent Pond 14A		EA	\$200,000.00	=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	2,354	LF	\$ 71.00	=	\$ 167,134.00		\$ 167,134.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	=	\$ -		\$ -
Gate Valves, 8"	18	EA	\$ 2,058.00	=	\$ 37,044.00		\$ 37,044.00
Fire Hydrant Assembly, w/ all valves	4	EA	\$ 7,306.00	=	\$ 29,224.00		\$ 29,224.00
Water Service Line Installation, inc. tap and valves	43	EA	\$ 1,466.00	=	\$ 63,038.00		\$ 63,038.00
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"	1,767	LF	\$ 71.00	=	\$ 125,457.00		\$ 125,457.00
Sanitary Sewer Manhole, Depth < 15 feet	6	EA	\$ 4,858.00	=	\$ 29,148.00		\$ 29,148.00
Sanitary Service Line Installation, complete	42	EA	\$ 1,553.00	=	\$ 65,226.00		\$ 65,226.00
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)							
Split Rail Fencing		LF	\$ 25.00	=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
Section 3 Subtotal				=	\$ 516,271.00		\$ 516,271.00

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

noise wall along
Briargate?
Landscape
trails

PROJECT INFORMATION		
STERLING RANCH EAST FILING NO. 2	11/16/2022	SF-22-0__
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	\$ 2,500.00	=	\$ 2,500.00		\$ 2,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 1,800.00	=	\$ 1,800.00		\$ 1,800.00
Total Construction Financial Assurance						\$	1,364,406.40
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	1,364,406.40
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	158,273.80
(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

 Approved by El Paso County Engineer / ECM Administrator

 Date

 Date