



**PROJECT INFORMATION**

Sterling Ranch Filing No.2	1/26/2021	CDR-20-005
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]				=	\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b>				=	\$ -		\$ -
Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	731	LF	\$ 65.00	=	\$ 47,515.00		\$ 47,515.00
24" Reinforced Concrete Pipe	464	LF	\$ 78.00	=	\$ 36,192.00		\$ 36,192.00
30" Reinforced Concrete Pipe	492	LF	\$ 97.00	=	\$ 47,724.00		\$ 47,724.00
36" Reinforced Concrete Pipe	651	LF	\$ 120.00	=	\$ 78,120.00		\$ 78,120.00
42" Reinforced Concrete Pipe	606	LF	\$ 160.00	=	\$ 96,977.60		\$ 96,977.60
48" Reinforced Concrete Pipe	1,830	LF	\$ 195.00	=	\$ 356,939.70		\$ 356,939.70
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe	1,919	LF	\$ 332.00	=	\$ 637,041.60		\$ 637,041.60
72" Reinforced Concrete Pipe	2,658	LF	\$ 380.00	=	\$ 1,010,135.00		\$ 1,010,135.00
84" Reinforced Concrete Pipe	329	LF	\$ 520.00	=	\$ 171,256.80		\$ 171,256.80
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 42 <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 960.00	=	\$ 1,920.00		\$ 1,920.00
Flared End Section (FES) CSP Size = 36 <small>(unit cost = 6x pipe unit cost)</small>	2	EA	\$ 720.00	=	\$ 1,440.00		\$ 1,440.00
Flared End Section (FES) RCP Size = 30 <small>(unit cost = 6x pipe unit cost)</small>	3	EA	\$ 582.00	=	\$ 1,746.00		\$ 1,746.00
Flared End Section (FES) RCP Size = 18 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 390.00	=	\$ 390.00		\$ 390.00
Temp. (FES) RCP Size = 66 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 1,992.00	=	\$ 1,992.00		\$ 1,992.00
Temp. (FES) RCP Size = 72 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 2,280.00	=	\$ 2,280.00		\$ 2,280.00
End Treatment- Headwall	2	EA	\$ 10,000.00	=	\$ 20,000.00		\$ 20,000.00
End Treatment- Wingwall	2	EA	\$ 18,000.00	=	\$ 36,000.00		\$ 36,000.00
End Treatment - Cutoff Wall	3	EA	\$ 1,000.00	=	\$ 3,000.00		\$ 3,000.00
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 5,542.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'	10	EA	\$ 7,861.00	=	\$ 78,610.00		\$ 78,610.00
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 9,918.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	6	EA	\$ 10,633.00	=	\$ 63,798.00		\$ 63,798.00
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,570.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,640.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base	22	EA	\$ 11,627.00	=	\$ 255,794.00		\$ 255,794.00
Storm Sewer Manhole, Slab Base	4	EA	\$ 6,395.00	=	\$ 25,580.00		\$ 25,580.00
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	1,965	Tons	\$ 80.00	=	\$ 157,200.00		\$ 157,200.00
Rip Rap, Grouted	197	Tons	\$ 95.00	=	\$ 18,715.00		\$ 18,715.00
Drainage Channel Construction, Size ( W x H )		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 112.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,469.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
<b>Section 2 Subtotal</b>					=	\$ 4,942,335.70	\$ 4,942,335.70

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

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					% Complete	Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC) **</b>						
<b>ROADWAY IMPROVEMENTS</b>						
Utility Relocates	1	EA	\$ 112,500	= \$ -	\$ -	\$ -
				= \$ 112,500.00	\$ 112,500.00	\$ 112,500.00
				= \$ -	\$ -	\$ -
				= \$ -	\$ -	\$ -
				= \$ -	\$ -	\$ -
				= \$ -	\$ -	\$ -
<b>STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)</b>						
Detention Pond W-4		EA	\$ 65,000	= \$ -	\$ -	\$ -
Detention Pond W-5		EA	\$ 75,000	= \$ -	\$ -	\$ -
Mod CDOT Outlet Structure	2	EA	\$ 15,000	= \$ 30,000.00	\$ 30,000.00	\$ 30,000.00
Forebay Structure	2	EA	\$ 15,000	= \$ 30,000.00	\$ 30,000.00	\$ 30,000.00
				= \$ -	\$ -	\$ -
<b>WATER SYSTEM IMPROVEMENTS</b>						
Water Main Pipe (PVC), Size 8"	3,207	LF	\$ 64.00	= \$ 205,248.00	\$ 205,248.00	\$ 205,248.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 75.00	= \$ -	\$ -	\$ -
Gate Valves, 8"	28	EA	\$ 1,858.00	= \$ 52,024.00	\$ 52,024.00	\$ 52,024.00
Fire Hydrant Assembly, w/ all valves	7	EA	\$ 6,597.00	= \$ 46,179.00	\$ 46,179.00	\$ 46,179.00
Water Service Line Installation, inc. tap and valves	49	EA	\$ 1,324.00	= \$ 64,876.00	\$ 64,876.00	\$ 64,876.00
Fire Cistern Installation, complete		EA		= \$ -	\$ -	\$ -
				= \$ -	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
				= \$ -	\$ -	\$ -
<b>SANITARY SEWER IMPROVEMENTS</b>						
Sewer Main Pipe (PVC), Size 8"	2,918	LF	\$ 64.00	= \$ 186,752.00	\$ 186,752.00	\$ 186,752.00
Sanitary Sewer Manhole, Depth < 15 feet	9	EA	\$ 4,386.00	= \$ 39,474.00	\$ 39,474.00	\$ 39,474.00
Sanitary Service Line Installation, complete	49	EA	\$ 1,402.00	= \$ 68,698.00	\$ 68,698.00	\$ 68,698.00
Sanitary Sewer Lift Station, complete		EA		= \$ -	\$ -	\$ -
Sewer Main Underdrains	2,918	LF	\$ 25.00	= \$ 72,950.00	\$ 72,950.00	\$ 72,950.00
				= \$ -	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
				= \$ -	\$ -	\$ -
<b>LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)</b>						
Trees		EA	\$ 600.00	= \$ -	\$ -	\$ -
LS Tracts & Buffers	75,000	SF	\$ 3.75	= \$ 281,250.00	\$ 281,250.00	\$ 281,250.00
Trails		SF	\$ 2.50	= \$ -	\$ -	\$ -
Shrubs		EA	\$ 60.00	= \$ -	\$ -	\$ -
		EA		= \$ -	\$ -	\$ -
				= \$ -	\$ -	\$ -
<b>Section 3 Subtotal</b>				<b>= \$ 1,189,951.00</b>		<b>\$ 1,189,951.00</b>

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

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					% Complete	Remaining
<b>AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)</b>			= \$	-	\$	-
<b>(Includes POND/BMP CERTIFICATION, elev.s and volume calculations)</b>		LS	\$ 15,000.00	= \$ 15,000.00	\$	15,000.00
<b>Total Construction Financial Assurance</b>					\$	<u>7,301,495.33</u>
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>					\$	<u>7,301,495.33</u>
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					\$	<u>1,198,757.14</u>
(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