

PROJECT INFORMATION		
CROSSROADS MIXED USE FILING NO. 2	11/23/2022	SF-XX-XXX
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		LF	\$ 70.00	= \$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 83.00	= \$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 104.00	= \$ -		\$ -
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 = (unit cost = 6x pipe unit cost)		EA		= \$ -		\$ -
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	\$ 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'		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		EA	\$ 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				= \$ -		\$ -

* - 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		
SECTION 3 - COMMON DEVELOPMENT AND IMPROVEMENTS (Private or District and NOT Maintained by EPC)**							
ROADWAY IMPROVEMENTS							
Aggregate Base Course (135 lbs/cf)	3,575	CY	\$ 56.00	=	\$ 200,200.00	\$ 200,200.00	
Asphalt Pavement (4" thick)	3,575	SY	\$ 21.00	=	\$ 75,075.00	\$ 75,075.00	
Guide/Street Name Sign	3	EA	\$ -	=	\$ -	\$ -	
Barricade - Type 3	1	EA	\$ 221.00	=	\$ 221.00	\$ 221.00	
Curb and Gutter, Type A (6" Vertical)	1,559	LF	\$ 32.00	=	\$ 49,888.00	\$ 49,888.00	
Cross Pan, collector (9" thick, 8' wide to include return)	2	LF	\$ 102.00	=	\$ 204.00	\$ 204.00	
Pedestrian Ramp	4	EA	\$ 1,273.00	=	\$ 5,092.00	\$ 5,092.00	
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
24" Reinforced Concrete Pipe	15	LF	\$ 83.00	=	\$ 1,254.96	\$ 1,254.96	
30" Reinforced Concrete Pipe	538	LF	\$ 104.00	=	\$ 55,942.64	\$ 55,942.64	
36" Reinforced Concrete Pipe	12	LF	\$ 128.00	=	\$ 1,534.72	\$ 1,534.72	
Flared End Section (FES) RCP Size=(unit cost = 6x pipe u	2	EA	\$ 1,122.00	=	\$ 2,244.00	\$ 2,244.00	
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'	2	EA	\$ 8,706.00	=	\$ 17,412.00	\$ 17,412.00	
Storm Sewer Manhole, Box Base	4	EA	\$ 12,876.00	=	\$ 51,504.00	\$ 51,504.00	
Storm Sewer Manhole, Slab Base	1	EA	\$ 7,082.00	=	\$ 7,082.00	\$ 7,082.00	
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	795	LF	\$ 71.00	=	\$ 56,445.00	\$ 56,445.00	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	=	\$ -	\$ -	
Gate Valves, 8"	2	EA	\$ 2,058.00	=	\$ 4,116.00	\$ 4,116.00	
Fire Hydrant Assembly, w/ all valves	2	EA	\$ 7,306.00	=	\$ 14,612.00	\$ 14,612.00	
Water Service Line Installation, inc. tap and valves	1	EA	\$ 1,466.00	=	\$ 1,466.00	\$ 1,466.00	
Fire Cistern Installation, complete	1	EA	\$ -	=	\$ -	\$ -	
<i>[insert items not listed but part of construction plans]</i>							
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 8"	712	LF	\$ 71.00	=	\$ 50,552.00	\$ 50,552.00	
Sanitary Sewer Manhole, Depth < 15 feet	4	EA	\$ 4,858.00	=	\$ 19,432.00	\$ 19,432.00	
Sanitary Service Line Installation, complete	1	EA	\$ 1,553.00	=	\$ 1,553.00	\$ 1,553.00	
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)							
		EA	\$ -	=	\$ -	\$ -	
		EA	\$ -	=	\$ -	\$ -	
		EA	\$ -	=	\$ -	\$ -	
		EA	\$ -	=	\$ -	\$ -	
		EA	\$ -	=	\$ -	\$ -	
Section 3 Subtotal			=	\$	615,830.32	\$ 615,830.32	

Revise to include all signs proposed on CDs.

Update to include entire linear feet of crosspans proposed.

Update to include all 6 ped ramps.

Update amounts to match CDs.

(Exception: Permanent Pond/BMP shall be itemized under Section 1)

(For subdivision specific condition of approval, or PUD)

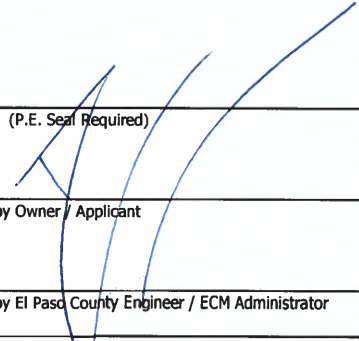
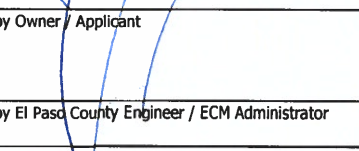
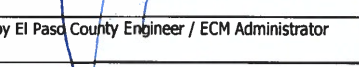
** - Section 3 is not subject to defect warranty requirements

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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	= \$	-		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	= \$	-		\$ -
Total Construction Financial Assurance						\$ 678,343.22
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 678,343.22
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 9,761.00
(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)	
	Date 11-28-22
Approved by Owner / Applicant	Date
	Date
Approved by El Paso County Engineer / ECM Administrator	Date

