Please update FAE to include any changes discussed in meeting and changes to GEC Plan.

2021 Financial Assurance Estimate Form (with pre-plat construction)

costs seems low. we can revisit after deviation determination

Updated: 12/22/2020

Northcrest Center Development			01.08.2022				P	PR-21-036		
Project Name Date						PCD File No.				
•										
escription	Quantity	Units	Unit Cost			Total	(with Pre % Complete	-Plat Construction) Remaining		
ECTION 1 - GRADING AND EROSION CONT	ROL (Constructio	n and Perm	anent 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	11,970	CY	\$ 5.00	7	\$	59,850.00		\$ 59,850.00 *		
20,001-50,000; \$100,000 min		CY	\$ 3.50	/=	\$	-		\$ - *		
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 mgmnt.)	0.5	AC	\$ 828.00	=	\$	414.00		\$ 414.00		
* Mulching	0.5	AC	\$ 777.00	=	\$	388.50		\$ 388.50		
* Permanent Erosion Control Blanket	0.0	SY	\$ 6.00	=	\$	-		\$ - *		
* Permanent Pond/BMP Construction	612	CY	\$ 21.00	=	\$	12,852.00		\$ 12,852.00		
* Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 3,500.00		\$	3,500.00		\$ 3,500.00		
(provide engineer's estimate)	1	EA	\$ 3,300.00		-	3,300.00		\$ 3,300.00		
Safaty Fance	1 600	LF	¢ 3.00		\$	4 000 00				
Safety Fence	1,600		\$ 3.00	=	\$	4,800.00		\$ 4,800.00		
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	-		\$ -		
Vehicle Tracking Control	4	EA	\$ 2,453.00	=	\$	9,812.00		\$ 9,812.00		
Silt Fence	1,250	LF	\$ 2.60	=	\$	3,250.00		\$ 3,250.00		
Temporary Seeding		AC	\$ 650.00	=	\$	-		\$ -		
Temporary Mulch		AC	\$ 777.00	=	\$	-		\$ -		
Erosion Bales		EA	\$ 26.00	=	\$	-		\$ -		
Erosion Logs/Straw Waddle	280	LF	\$ 5.00	=	\$	1,400.00		\$ 1,400.00		
Rock Check Dams		EA	\$ 518.00	=	\$	-		\$ -		
Inlet Protection	3	EA	\$ 173.00	=	\$	519.00		\$ 519.00		
Sediment Basin	1	EA	\$ 1,824.00	=	\$	1,824.00		\$ 1,824.00		
Concrete Washout Basin	1	EA	\$ 932.00	=	\$	932.00		\$ 932.00		
Consists Tradition Basin	-		\$ 002.00	=	\$	-		\$ -		
[insert items not listed but part of construction plans]					\$			\$ -		
		∕o of Constr	uction BMPs)	=	\$	6.207.95		\$ 6.207.95		
	•		uction BMPs)	=	\$	6,207.95		\$ 6,207.95		
- Subject to defect warranty financial assurance. A minimum of 20% shall e retained until final acceptance (MAXIMUM OF 80% COMPLETE	•		uction BMPs) n 1 Subtotal	=	\$ \$	6,207.95 105,749.45		\$ 6,207.95 \$ 105,749.45		
 Subject to defect warranty financial assurance. A minimum of 20% shale retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) 	•		•					,		
Subject to defect warranty financial assurance. A minimum of 20% shale retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS *	•		•					,		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS	1	Sectio	n 1 Subtotal	=	\$	105,749.45		\$ 105,749.45		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control	•	Sectio	n 1 Subtotal	=	\$			\$ 105,749.45		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	1	Section LS Tons	\$ 5,000.00 \$ 29.00	=	\$	5,000.00		\$ 105,749.45 \$ 5,000.00 \$ -		
- Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECCTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	1	LS Tons CY	\$ 5,000.00 \$ 29.00 \$ 52.00	=	\$ \$ \$ \$	105,749.45		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)	1 4	LS Tons CY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50	=	\$ \$ \$ \$ \$	5,000.00 - 208.00		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00 \$ - *		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)	1	LS Tons CY	\$ 5,000.00 \$ 29.00 \$ 52.00	=	\$ \$ \$ \$	5,000.00		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)	1 4	LS Tons CY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50	=	\$ \$ \$ \$ \$	5,000.00 - 208.00		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00 \$ - *		
- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick)	1 4	LS Tons CY SY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00	=	\$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00 \$ - * \$ 700.00		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick)	1 4	LS Tons CY SY SY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00	= = =	\$ \$ \$ \$ \$ \$	5,000.00 - - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ - 8 \$ 700.00 \$ - 8		
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Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) IECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (1" thick) Raised Median, Paved Regulatory Sign/Advisory Sign	1 4	LS Tons CY SY SY SY Tons SF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30	= = = =	\$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00 -		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00 \$ - * \$ 700.00 \$ - * \$ - * \$ - *		
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- Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) IECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking	1 4	LS Tons CY SY SY Tons SF EA EA SF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00 - - - -		\$ 105,749.45 \$ 5,000.00 \$ 208.00 \$ 700.00 \$ - * \$ - * \$ - * \$ - * \$ - *		
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Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical)	1 4	LS Tons CY SY SY Tons SF EA EA EA SF EA EA LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 \$ - * \$ 208.00 \$ - * \$ 700.00 \$ - * \$ - *		
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Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TARRIFO CONTROI Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk	1 4 35	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 62.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00		\$ 105,749.45 \$ 5,000.00 \$ -		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Expoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk	1 4 35	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY SF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 31.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 50.00 \$ 50.00 \$ 62.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00		\$ 105,749.45 \$ 5,000.00 \$ -		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 50.00 \$ 99.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF LF SY SY SY SY EA	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 31.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 25.00 \$ 31.00 \$ 31.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TARRIFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (71 thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF LF LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00		\$ 105,749.45 \$ 5,000.00 * \$ - * \$ 700.00 * \$ -		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00		\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TARRIFIC CONTROI Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Enjoys Pavement Marking Segulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00	pedestria	\$ 105,749.45 \$ 5,000.00 * \$ - * \$ 700.00 * \$ -		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TARRIFO CONTROI Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Crors Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 1.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00		\$ 5,000.00 * 5		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Epoxy Pavement Marking Epoxy Pavement Marking Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00	C plan. If	\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	1 4 35 770	Section LS Tons CY SY SY SY Tons SF EA EA LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 311.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 - 208.00 - 700.00	C plan. If	\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk B" Sidewalk B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curos Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00	C plan. If side of the	\$ 5,000.00 \$ - 8 - 8 + 9 - 8 +		
Subject to defect warranty financial assurance. A minimum of 20% shall retained until final acceptance (MAXIMUM OF 80% COMPLETE LOWED) ECTION 2 - PUBLIC IMPROVEMENTS CONSTRUCTION TARRIFIC CONTROI Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (7" thick) Asphalt Pavement (8" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Type Attenuator Sound Barrier Fence (CMU block, 6' high) Sound Barrier Fence (CMU block, 6' high)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 50.00 \$ 62.00 \$ 75.00 \$ 99.00 \$ 1,190.00 \$ 63.00 \$ 95.00 \$ 1,532.00 \$ 1,532.00 \$ 2,172.00 \$ 33,899.00 \$ 33,899.00 \$ 81.00 \$ 83.00		* * * * * * * * * * * * * * * * * * * *	5,000.00	C plan. If side of the	\$ 105,749.45 \$ 5,000.00 \$ - 8 \$ 208.00 \$ 700.00 \$ - 8 \$ 700.00 \$ - 8 \$		
- Subject to defect warranty financial assurance. A minimum of 20% shale retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * CONSTRUCTION TRAFFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)	1 4 35 770	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 5,000.00 \$ 29.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 311.00 \$ 24.00 \$ 24.00 \$ 207.00 \$ 25.00 \$ 31.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00	C plan. If side of the ement pl	\$ 5,000.00 \$ - 8 - 8 + 9 - 8 +		

	PROJECT INFORMATION	
Northcrest Center Development	01.08.2022	PPR-21-036
Project Name	Date	PCD File No.

			Unit			(with Pro	e-Plat Cons	struction)
Description	Quantity	Units	Cost		Total	% Complete	Re	maining
				=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
TORM DRAIN IMPROVEMENTS								
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$	-
18" Reinforced Concrete Pipe		LF	\$ 67.00	=	\$ -		\$	-
24" Reinforced Concrete Pipe		LF	\$ 81.00	=	\$ -		\$	-
30" Reinforced Concrete Pipe		LF	\$ 100.00	=	\$ -		\$	-
36" Reinforced Concrete Pipe		LF	\$ 124.00	=	\$ _		\$	_
42" Reinforced Concrete Pipe		LF	\$ 166.00	=	\$ _		\$	
48" Reinforced Concrete Pipe		LF	\$ 202.00	=	\$ _		\$	-
54" Reinforced Concrete Pipe		LF	\$ 254.00	_	\$ 		\$	_
60" Reinforced Concrete Pipe		LF	\$ 298.00		\$ 		\$	
66" Reinforced Concrete Pipe		LF	\$ 344.00		\$ 		\$	
72" Reinforced Concrete Pipe		LF	\$ 393.00		 		· · · · · · · · · · · · · · · · · · ·	
·		LF	-	=	\$		\$	
18" Corrugated Steel Pipe				=	\$ -		\$	-
24" Corrugated Steel Pipe		LF	\$ 99.00	=	\$ -		\$	-
30" Corrugated Steel Pipe		LF	\$ 126.00	=	\$ -		\$	-
36" Corrugated Steel Pipe		LF	\$ 152.00	=	\$ -		\$	-
42" Corrugated Steel Pipe		LF	\$ 174.00	=	\$ -		\$	-
48" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$	-
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$	-
60" Corrugated Steel Pipe		LF	\$ 290.00	=	\$ -		\$	-
66" Corrugated Steel Pipe		LF	\$ 352.00	=	\$ -		\$	-
72" Corrugated Steel Pipe		LF	\$ 414.00	=	\$ -		\$	-
78" Corrugated Steel Pipe		LF	\$ 476.00	=	\$ -		\$	-
84" Corrugated Steel Pipe		LF	\$ 569.00	=	\$ -		\$	-
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	\$ 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'	2	EA	\$ 4,802.00	=	\$ 9,604.00		\$	9,604.
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			\$ 98.00	=	\$ 		\$	
		Tons LF	φ 90.00	=	\$ -		\$	
Drainage Channel Construction, Size (W x H)	0.0		¢ 500.00	=	\$		\$	
Drainage Channel Lining, Concrete	26	CY	\$ 590.00	=	\$ 15,340.00		\$	15,340.
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	=	\$ -		\$	-
Drainage Channel Lining, Grass		AC	\$ 1,520.00	=	\$ -		\$	-
Drainage Channel Lining, Other Stabilization				=	\$ -		\$	-
				=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
Subject to defect warranty financial assurance. A minimum of 20% shall	II .							

	PROJECT INFORMATION	
Northcrest Center Development	01.08.2022	PPR-21-036
Project Name	Date	PCD File No.

				Unit				(with Pre	e-Plat	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IM	PROVEMENTS (Pr	vate or D	istr	ict and N	IOT Mair	taine	by EPC)**			
ROADWAY IMPROVEMENTS	-									
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Exc	ception: Permanent Pon	d/BMP shall	be ite	emized und	er Section '	1)				
Curb Inlet (Type R) L =10', Depth < 5'	2	EA	\$	7,894.00	=	\$	15,788.00		\$	15,788.00
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$	10,940.00	=	\$	-		\$	-
Storm Sewer Manhole, Box Base	1	EA	\$	12,034.00	=	\$	12,034.00		\$	12,034.00
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"		LF	\$	66.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$	1,923.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	6,828.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves	2	EA	\$	1,370.00	=	\$	2,740.00		\$	2,740.00
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"	0	LF	\$	66.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet	0	EA	\$	4,540.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete	54	EA	\$	1,451.00	=	\$	78,354.00		\$	78,354.00
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of a	approval, or	PUD)					
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Sectio	n 3	Subtotal	=	\$	108,916.00		\$	108,916.00

PROJECT INFORMATION						
Northcrest Center Development	01.08.2022	PPR-21-036				
Project Name	Date	PCD File No.				

			Unit				(with Pre-P	lat Construction)
Description	Quantity	Units	Cost			Total .	% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Per	rmanent WQCV BMPs)	LS		=	\$	-	\$	-
POND/BMP CERTIFICATION (inc. elevations and	l volume calculations)	LS		=	\$	-	\$	-
				Total	I Constructi	ion Financia	al Assurance \$	313,977.45
			(Sum of all se	ction subtot	tals plus as-bu	ilts and pond/B	MP certification)	
	Total Remain	ing Constr	uction Fina	ncial Ass	urance (wit	h Pre-Plat C	construction) <u>s</u>	313,977.45
	(Sum of all	section totals	less credit for	tems compl	ete plus as-bu	ilts and pond/B	MP certification)	
				Total De	efect Warra	nty Financia	al Assurance	\$ 35,263.30
	(2	0% of all item	s identified as	*). To be co	lateralized at	time of prelimir	nary acceptance)	
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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
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Assessed to Figure Court Feeting / FCM Admitted	Dete
Approved by El Paso County Engineer / ECM Administrator	Date