# **Engineering Review**

# 04/07/2020 11:49:24 AM dsdkuehster

2019 Financial Assurance Estimate Form - Pond WU

(719) 520-6813

(with pre-plat construction)

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(719) 520-6813

EPC Planning & Community Updated: 7/16/2019

(mar pro prae como a decisio)	<u> </u>	C I laming & Community	opuacou: 7/10/2015
	PROJECT INFORMATION D	evelopment Department	
Bent Grass Residential Filing No. 2	3/29/2020		SF-19-014
Project Name	Date	PCD File N	lo.

				Unit				(with Pre		
escription	Quantity	Units		Cost			Total	% Complete	R	Remaining
ECTION 1 - GRADING AND EROSION CONTRO	OL (Construction	and Permar	nent l	BMPs)						
* Earthwork			1.							
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		CY	\$	2.50	=	\$	-		\$	-
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$	-		\$	-
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$	800.00	=	\$	-		\$	-
* Mulching		AC	\$	750.00	=	\$	-		\$	-
* Permanent Erosion Control Blanket		SY	\$	6.00	=	\$	-		\$	-
* Permanent Pond/BMP Construction	2,400	CY	\$	20.00	=	\$	48,000.00		\$	48,000.0
* Permanent Pond/BMP (Spillway)		EA	\$	5,000.00	=	\$	-		\$	-
* Permanent Pond/BMP (Outlet Structure)	1	EA		80,000.00	=	\$	80,000.00		\$	80,000.0
Safety Fence		LF	\$	3.00	=	\$	-		\$	-
Temporary Erosion Control Blanket		SY	\$	3.00	=	\$			\$	
Vehicle Tracking Control		EA	\$	2,370.00	=	\$			\$	
Silt Fence		LF	\$	2.50		\$			\$	
Temporary Seeding		AC	\$	628.00	=	\$			\$	
Temporary Seeding Temporary Mulch		AC	\$	750.00	=	\$	<u> </u>		\$	
, ,						\$	-		-	
Erosion Bales		EA	\$	25.00	=				\$	
Erosion Logs/Straw Waddle		LF	\$	5.00	=	\$	-		\$	-
Rock Check Dams		EA	\$	500.00	=	\$	-		\$	-
Inlet Protection		EA	\$	167.00	=	\$	-		\$	-
Sediment Basin		EA	\$	1,762.00	=	\$	-		\$	-
Concrete Washout Basin		EA	\$	900.00	=	\$	-		\$	-
Road Straw Bale Check Dams		EA	\$	100.00	=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
M	AINTENANCE (35	% of Const	ructio	on BMPs)	=	\$	-		\$	-
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Secti	on 1	Subtotal	=	\$	128,000.00		\$	128,000.00
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *		Secti	on 1	Subtotal	=	\$	128,000.00		\$	128,000.00
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *		Secti	on 1	Subtotal	=	\$	128,000.00		<b>\$</b>	128,000.00
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Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS  Construction Traffic Control		LS			=	\$	-		\$	-
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)		LS Tons	\$	28.00	=	\$	- -		\$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)		LS Tons CY	\$	28.00 50.00	=	\$ \$ \$	- - - -		\$ \$ \$	- - -
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Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 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 (6" thick)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign		LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 8.00 300.00	= = = = =	\$ \$ \$ \$ \$ \$ \$	- - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARIFIC 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)  Equipment (147 lbs/		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 8.00 300.00 13.00 23.00 20.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)  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  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 20.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARRIFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Aspgregate 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)  Equipment (147 lb		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 8.00 300.00 13.00 23.00 20.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARRIFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Asplate Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)  Equipment (147 lbs/cf)  E		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 20.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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 (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 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)		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)" 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)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 7 (Concrete)  Guardrail Type 7 (Concrete)		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)" 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  Cross Pan, local (8" thick, 6' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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 (6" thick)  Asphalt Pavement (147 lbs/cf)  Equipment (147 lbs/cf)  Eq		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 23.00 20.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 20.08 20.098.00 30.767.00 78.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)" 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  Cross Pan, local (8" thick, 6' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	

PROJECT INFORMATION								
Bent Grass Residential Filing No. 2	3/29/2020	SF-19-014						
Project Name	Date	PCD File No.						

Description		Quantity	Units		Unit Cost		Total	(with Pro % Complete	e-Plat C	onstruction) Remaining
						=	\$ -		\$	-
[insert items not listed but part of construction	n plans]					=	\$ -		\$	-
STORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (	WxH)		LF			=	\$ -		\$	-
18" Reinforced Concrete Pipe		126	LF	\$	65.00	=	\$ 8,190.00		\$	8,190.00
24" Reinforced Concrete Pipe			LF	\$	78.00	=	\$ -		\$	-
30" Reinforced Concrete Pipe			LF	\$	97.00	=	\$ -		\$	-
36" Reinforced Concrete Pipe			LF	\$	120.00	=	\$ -		\$	-
42" Reinforced Concrete Pipe			LF	\$	160.00	=	\$ -		\$	-
48" Reinforced Concrete Pipe			LF	\$	195.00	=	\$ -		\$	-
54" Reinforced Concrete Pipe			LF	\$	245.00	=	\$ -		\$	-
60" Reinforced Concrete Pipe			LF	\$	288.00	=	\$ -		\$	-
66" Reinforced Concrete Pipe			LF	\$	332.00	=	\$ -		\$	-
72" Reinforced Concrete Pipe			LF	\$	380.00	=	\$ -		\$	-
18" Corrugated Steel Pipe			LF	\$	84.00	=	\$ -		\$	-
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 = (unit cost = 6x pipe unit cost)	18	2	EA	\$	390.00	=	\$ 780.00		\$	780.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)			EA			=	\$ -		\$	-
End Treatment- Headwall			EA			=	\$ 		\$	
End Treatment- Vingwall			EA				\$ 		\$	
End Treatment - Cutoff Wall			EA				\$ -		\$	
Curb Inlet (Type R) L=5', Depth < 5	5'		EA	\$	5,542.00		\$ 		\$	
Curb Inlet (Type R) L=5', 5' ≤ Depth <			EA	\$	7,188.00		\$ 		\$	
Curb Inlet (Type R) L =5', 10' ≤ Depth <			EA	\$	8,345.00		\$ -		\$	
Curb Inlet (Type R) L =10', Depth < 5			EA	\$	7,627.00		\$ 		\$	_
Curb Inlet (Type R) L =10', 5' ≤ Depth <			EA	\$	7,861.00	=	\$ 		\$	
Curb Inlet (Type R) L =10', 10' ≤ Depth <			EA	\$	9,841.00	=	\$ 		\$	
Curb Inlet (Type R) L =15', Depth < 5			EA	\$	9,918.00	=	\$ 		\$	
Curb Inlet (Type R) L =15', 5' ≤ Depth <			EA	\$	10,633.00		\$ 		\$	_
Curb Inlet (Type R) L =15', 10' ≤ Depth <			EA	\$	11,627.00		\$ -		\$	-
Curb Inlet (Type R) L =20', Depth < 5			EA	\$	10,570.00	=	\$ -		\$	
Curb Inlet (Type R) L =20', 5' ≤ Depth <			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	,		EA	\$	11,627.00		\$ 		\$	
Storm Sewer Manhole, Slab Base			EA	\$	6,395.00		\$ 		\$	
Geotextile (Erosion Control)			SY	\$	6.00		\$ -		\$	-
Rip Rap, d50 size from 6" to 24"		2,298		-			\$ 183,840.00			183,840.00
		2,290	Tons Tons	\$	80.00 95.00		\$ 103,040.00		\$	163,640.00
Rip Rap, Grouted  Drainage Channel Construction, Size ( W >	√ <b>⊔</b> \		LF	Ф	95.00		 <u> </u>		\$	-
	ν П )			•	E70.00	=	\$ 			
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	n					=	\$ -		\$	-
Parad Sana and Pata II and a first and a						=	\$ -		\$	-
[insert items not listed but part of construction - Subject to defect warranty financial assurance. A minimum						=	\$ -		\$	-
retained until final acceptance (MAXIMUM OF 80% COMPL	ETE ALLOWED)		Sect	ion 2	2 Subtotal	=	\$ 192,810.00		\$	192,810.00

PROJECT INFORMATION								
Bent Grass Residential Filing No. 2	3/29/2020	SF-19-014						
Project Name	Date	PCD File No.						

				Unit				(with Pre	-Plat Co	nstruction)
Description	Quantity	Units		Cost			Total	% Complete		emaining
SECTION 3 - COMMON DEVELOPMENT IMPRO			tric		Maintai	ned by F			-	
ROADWAY IMPROVEMENTS	VENERIS (FIR	ate or Dis	CI IC	and NO	Planican	ied by L	FC)			
					=	\$	_		\$	
					=	\$			\$	
						\$			\$	
						\$			\$	
					=	\$			\$	
						\$			\$	
STORM DRAIN IMPROVEMENTS (Excep	tion: Permanent Pon	d/RMD shall k	oo ito	mizod undor		Ψ			Ψ	
STORM DRAIN IMPROVEMENTS	iion. Fermanent Fon	U/DIVIF SHAIL	Je ilei	ilizeu ulluel	=	\$			\$	
						\$			\$	
						\$			\$	
						\$			\$	
						\$			\$	
					_	\$			\$	
WATER SYSTEM IMPROVEMENTS					=	<b>)</b>	-		Þ	
		LF	•	64.00	=	\$			\$	
Water Main Pipe (PVC), Size 8"		LF	\$	75.00						
Water Main Pipe (Ductile Iron), Size 8"			-			\$			\$	
Gate Valves, 8"		EA	\$	1,858.00	=	\$	<u> </u>		\$	-
Fire Hydrant Assembly, w/ all valves		EA EA	\$	6,597.00	=	\$			\$	
Water Service Line Installation, inc. tap and valves			\$	1,324.00	=	\$			\$	-
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"		LF	\$	64.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	4,386.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete		EA	\$	1,402.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
	(For subdivision spe									
Landscaping	1	EA	\$	50,000.00	=	\$	50,000.00		\$	50,000.00
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Secti	on 3	Subtotal	=	\$	50,000.00		\$	50,000.00

PROJECT INFORMATION								
Bent Grass Residential Filing No. 2	3/29/2020	SF-19-014						
Project Name	Date	PCD File No.						

			Unit				(with Pre	-Plat C	onstruction)
Description	Quantity	Units	Cost		To	tal	% Complete		Remaining
	-								
AS-BUILT PLANS (Public Improvements inc. Permanent WC	QCV BMPs)	LS		=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations and volume ca	lculations)	LS		=	\$	-		\$	-
				Total	Construction	on Financia	I Assurance	\$	370,810.00
			(Sum of all se	ction subtota	ıls plus as-built	s and pond/BN	MP certification)		
	Total Rema	aining Cons	struction Fina	ncial Assu	ırance (with	Pre-Plat C	onstruction)	\$	370,810.00
	(Sum of	all section total	ils less credit for i	tems comple	te plus as-built	s and pond/BN	MP certification)		
				Total De	fect Warran	ty Financia	I Assurance	\$	64,162.00
		(20% of all ite	ms identified as (	*). To be colla	ateralized at tir	ne of prelimina	ary acceptance)		

Approvals	
I hereby certify that this is an accurate and complete estimate of costs for the work as	s 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

# **Engineering Review**

04/07/2020 12:04:23 PM dsdkuehster stevekuehster@elpasoco.com (719) 520-6813

# 2019 Financial Assurance Estimate Form (with pre-plat construction)

EPC Planning & Community Updated: 7/16/2019

		Development Department
Bent Grass Residential Filing No. 2	3/29/2020	SF-19-014
Project Name	Date	PCD File No.

				Unit			•	(with Pro	-Plat C	onstruction)
Doccrintion	Ouartitu	Units					Total	· ·	-ridt C	
Description CRAPTING AND EDOCTON CONTROL	Quantity			Cost			Total	% Complete		Remaining
SECTION 1 - GRADING AND EROSION CONTRO	L (Construction	and Perma	nent	BMPs)						
* Earthwork		0)/	•			1.			_	
less than 1,000; \$5,300 min	4.000	CY	\$	8.00	=	\$	-		\$	-
1,000-5,000; \$8,000 min	4,202	CY	\$	6.00	=	\$	25,212.00		\$	25,212.00
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		CY	\$	2.50	=	\$	-		\$	-
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$	-		\$	-
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$	800.00	=	\$	-		\$	-
* Mulching		AC	\$	750.00	=	\$	-		\$	-
* Permanent Erosion Control Blanket	2,800	SY	\$	6.00	=	\$	16,800.00		\$	16,800.00
* Permanent Pond/BMP Construction	6,100	CY	\$	20.00	=	\$	122,000.00		\$	122,000.00
* Permanent Pond/BMP (Spillway)	2	EA	\$	5,000.00	=	\$	10,000.00		\$	10,000.00
* Permanent Pond/BMP (Outlet Structure)	2	EA	\$	55,000.00		\$	110,000.00		\$	110,000.00
,	80	LF	\$	3.00		\$	240.00		\$	240.00
Safety Fence						-				
Temporary Erosion Control Blanket	62,815	SY	\$	3.00	=	\$	188,445.00		\$	188,445.00
Vehicle Tracking Control 3 Shown	2	EA	\$	2,370.00	=	\$	4,740.00		\$	4,740.00
Silt Fence	16,368	LF	\$	2.50	=	\$	40,920.00		\$	40,920.00
Temporary Seeding	42	AC	\$	628.00	=	\$	26,376.00		\$	26,376.00
Temporary Mulch		AC	\$	750.00	=	\$	-		\$	-
Erosion Bales		EA	\$	25.00	=	\$	-		\$	-
Erosion Logs/Straw Waddle		LF	\$	5.00	=	\$	-		\$	-
Rock Check Dams		EA	\$	500.00	=	\$	-		\$	-
Inlet Protection	11	EA	\$	167.00	=	\$	1,837.00		\$	1,837.00
	2	EA	\$			\$	3,524.00		\$	3,524.00
Sediment Basin				1,762.00						
Concrete Washout Basin	2	EA	\$	900.00	=	\$	1,800.00		\$	1,800.00
Road Straw Bale Check Dams	111	EA	\$	100.00	=	\$	11,100.00		\$	11,100.0
[insert items not listed but part of construction plans]					=	\$	-		\$	-
M.	AINTENANCE (35	5% of Cons	tructi	ion BMPs)	=	\$	97,559.70		\$	97,559.70
- Subject to defect warranty financial assurance. A minimum of 20% shall be		Sect	ion 1	Subtotal	=	\$	660,553.70		\$	660,553.70
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *		Sect	ion 1	l Subtotal	=	\$	660,553.70		\$	660,553.70
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  COADWAY IMPROVEMENTS							·			•
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control	1	LS	\$	5,000.00	=	\$	5,000.00		\$	5,000.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  COADWAY IMPROVEMENTS	1 20,700						·			5,000.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  LOADWAY IMPROVEMENTS  Construction Traffic Control		LS	\$	5,000.00	=	\$	5,000.00		\$	5,000.00 579,600.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  COADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)	20,700	LS Tons	\$	5,000.00 28.00	=	\$	5,000.00 579,600.00		\$	5,000.00 579,600.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  COADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)	20,700	LS Tons CY	\$ \$ \$	5,000.00 28.00 50.00	=	\$ \$	5,000.00 579,600.00 725,000.00		\$ \$ \$	•
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  COADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)	20,700	LS Tons CY SY	\$ \$ \$	5,000.00 28.00 50.00 14.00	=	\$ \$ \$ \$	5,000.00 579,600.00 725,000.00		\$ \$ \$ \$	5,000.00 579,600.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION 1 (1975)  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (6" thick)	20,700 14,500	LS Tons CY SY SY SY	\$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00	= =	\$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - -		\$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.01 - -
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY 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)	20,700	LS Tons CY SY SY SY Tons	\$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00	= =	\$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 -		\$ \$ \$ \$ \$	5,000.00 579,600.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)	20,700 14,500 9,540	LS Tons CY SY SY SY Tons SF	\$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 8.00	= = = =	\$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.96		\$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Asphalt Pavement (147 lbs/cf)  Raised Median, Paved  Regulatory Sign/Advisory Sign	20,700 14,500 9,540	LS Tons CY SY SY SY Tons SF EA	\$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 8.00 300.00	= = = = =	\$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.96 - 4,500.00		\$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.90 - 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign	20,700 14,500 9,540 15 15	LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 8.00 300.00	= = = = =	\$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking	20,700 14,500 9,540	LS Tons CY SY SY SY Tons SF EA EA SF	\$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.96 - 4,500.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 -
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign	20,700 14,500 9,540 15 15	LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 8.00 300.00	= = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be stained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking	20,700 14,500 9,540 15 15	LS Tons CY SY SY SY Tons SF EA EA SF	\$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION 1 (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 (6" thick)  Asphalt Pavement (147 lbs/cf)  Agied Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking	20,700 14,500 9,540 15 15	LS Tons CY SY SY SY Tons SF EA EA SF SF	\$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 8.00 300.00 300.00 13.00 23.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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 (147 lbs/cf)  Agised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Barricade - Type 3  Delineator - Type I	20,700 14,500 9,540 15 15 1,050	LS Tons CY SY SY SY Tons SF EA EA SF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00 23.00 20.00 24.00	= = = = = = = = = = = = = = = = = = = =	* * * * * * * * * * * *	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00 4,500.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  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)	20,700 14,500 9,540 15 15	LS Tons CY SY SY SY Tons SF EA EA SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - 4,500.00 4,500.00
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  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)	20,700 14,500 9,540 15 15 1,050	LS Tons CY SY SY SY Tons SF EA EA SF EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00 - - - 227,910.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.90 - 4,500.00 4,500.00 13,650.00 - - - - - - - - - - - - -
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  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)	20,700 14,500 9,540 15 15 1,050	LS Tons CY SY SY Tons SF EA EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 20.00 24.00 30.00 30.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - - 839,490.90 - - 4,500.00 4,500.00
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agied 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 C (Ramp)  4" Sidewalk (common areas only)	20,700 14,500 9,540 15 15 1,050	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00 30.00	= = = = = = = = = = = = = = = = = = = =	* * * * * * * * * * * * * * * * * * * *	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00 - - - 227,910.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.90 - 4,500.00 4,500.00 13,650.00 - - - - - - - - - - - - -
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agised 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	20,700 14,500 9,540 15 15 1,050 7,597 14,000	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 - - - 227,910.00 - 420,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.90 - 4,500.00 13,650.00 - - 227,910.00 - 420,000.00
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agnetiatory 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	20,700 14,500 9,540 15 15 1,050	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 23.00 24.00 30.00 30.00 48.00 60.00 72.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.96 - 4,500.00 4,500.00 13,650.00 - - - 227,910.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 - - 839,490.90 - 4,500.00 13,650.00 - - 227,910.00 - 420,000.00
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)  Aggregate Base Course (147 lbs/cf)  Asphalt Pavement (147 lbs/cf)  Asphalt P	20,700 14,500 9,540 15 15 1,050 7,597 14,000	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 13.00 23.00 200.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 96.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 839,490.96 4,500.00 4,500.00 13,650.00 227,910.00 420,000.00 715,536.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)  Agised 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  Pedestrian Ramp Add for T intersections	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SF EA EA LF LF LF SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 - 42,550.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  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)  Asphalt Pavement (147 lbs/cf)  Aggregate Base Course (147 lbs/cf)  Asphalt Pavement (147 lbs/cf)  Asphalt Pav	20,700 14,500 9,540 15 15 1,050 7,597 14,000	LS Tons CY SY SY SY Tons SF EA EA SF LF LF SY SY SY SY LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00 23.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 839,490.96 4,500.00 4,500.00 13,650.00 227,910.00 420,000.00 715,536.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agised 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  8" Sidewalk  Pedestrian Ramp Add for T intersections	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SF EA EA LF LF LF SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 - 42,550.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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 (common areas only)  5" Sidewalk  8" Sidewalk  Pedestrian Ramp Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA SF LF LF SY SY SY SY LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00 23.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 - 42,550.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agied 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 C (Ramp)  4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 1,150.00 61.00 92.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 4,500.00 4,500.00 13,650.00 227,910.00 420,000.00 715,536.00 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0 47,580.0
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Aghalt Pavement (147 lbs/cf)  Agha	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 839,490.96 4,500.00 4,500.00 13,650.00 227,910.00 420,000.00 715,536.00 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 420,000.0 - 420,550.0 47,580.0
-Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agnet Pavement Marking  Baricade Agnet 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 (common areas only)  5" Sidewalk  B" Sidewalk  B" Sidewalk  B" Sidewalk  Bedestrian Ramp  Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 7 (Concrete)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 50.00 14.00 19.00 29.00 88.00 300.00 300.00 23.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 - 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 42,550.0 47,580.0
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Aggregate Base Course (147 lbs/cf)  Asphalt Pavement Marking  Baricade - 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  Bedestrian Ramp Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 7 (Concrete)  Guardrail End Anchorage	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 14.00 19.00 29.00 88.00 300.00 300.00 300.00 23.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 2,098.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 715,536.0 - 42,550.0 47,580.0
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  Agised 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  Bedestrian Ramp Add for T intersections  Cross Pan, local (6" thick, 6' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 14.00 19.00 29.00 88.00 300.00 300.00 330.00 24.00 30.00 30.00 30.00 48.00 60.00 72.00 96.00 1,150.00 61.00 92.00 1,480.00 49.00 2,098.00 3,767.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 420,000.00 - 41,536.00 - 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 420,550.0 47,580.0
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aspeate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)  Agised 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  Pedestrian Ramp Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator  Sound Barrier Fence (CMU block, 6' high)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF LF EA LF LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 14.00 19.00 29.00 88.00 300.00 13.00 23.00 200.00 30.00 30.00 30.00 31.00 30.00 30.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 2,098.00 3,767.00 78.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 715,536.00 - 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  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  6" Sidewalk  8" Sidewalk  8" Sidewalk  8" Sidewalk  8" Sidewalk  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 7 (Concrete)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator  Sound Barrier Fence (CMU block, 6' high)  Sound Barrier Fence (panels, 6' high)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 14.00 19.00 29.00 88.00 300.00 300.00 13.00 200.00 24.00 30.00 30.00 48.00 60.00 72.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 2,098.00 3,767.00 78.00 80.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 - 42,530.00 47,580.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.90 - 4,500.00 13,650.00 227,910.00 - 420,000.00 - 715,536.00 - 42,550.00 47,580.00
- Subject to defect warranty financial assurance. A minimum of 20% shall be takened until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 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)  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  Pedestrian Ramp Add for T intersections  Cross Pan, local (8" thick, 6' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator  Sound Barrier Fence (CMU block, 6' high)	20,700 14,500 9,540 15 15 1,050 7,597 14,000 9,938	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF LF EA LF LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 28.00 14.00 19.00 29.00 88.00 300.00 13.00 23.00 200.00 30.00 30.00 30.00 31.00 30.00 30.00 1,150.00 61.00 92.00 1,480.00 49.00 72.00 2,098.00 3,767.00 78.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 579,600.00 725,000.00 725,000.00 839,490.96 - 4,500.00 4,500.00 13,650.00 227,910.00 - 420,000.00 715,536.00 - 42,550.00 47,580.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.0 579,600.0 725,000.0 725,000.0 839,490.9 - 4,500.0 13,650.0 227,910.0 - 420,000.0 - 425,500.0 47,580.0

PROJECT INFORMATION							
Bent Grass Residential Filing No. 2	3/29/2020	SF-19-014					
Project Name	Date	PCD File No.					

					Unit				(with Pre	-Plat	Construction)
escription		Quantity	Units		Cost			Total	% Complete		Remaining
						=	\$	-		\$	-
[insert items not listed but part of construction	n plans]					=	\$	-		\$	-
TORM DRAIN IMPROVEMENTS											
Concrete Box Culvert (M Standard), Size ( 1	6 x 6 )	266	LF	\$	2,000.00	=	\$	532,000.00		\$	532,000.00
18" Reinforced Concrete Pipe		100	LF	\$	65.00	=	\$	6,500.00		\$	6,500.00
24" Reinforced Concrete Pipe		135	LF	\$	78.00	=	\$	10,530.00		\$	10,530.00
30" Reinforced Concrete Pipe		110	LF	\$	97.00	=	\$	10,670.00		\$	10,670.0
36" Reinforced Concrete Pipe		250	LF	\$	120.00	=	\$	30,000.00		\$	30,000.0
42" Reinforced Concrete Pipe		50	LF	\$	160.00	=	\$	8,000.00		\$	8,000.0
48" Reinforced Concrete Pipe			LF	\$	195.00	=	\$	-		\$	-
54" Reinforced Concrete Pipe			LF	\$	245.00	=	\$	-		\$	-
60" Reinforced Concrete Pipe			LF	\$	288.00	=	\$	-		\$	-
66" Reinforced Concrete Pipe			LF	\$	332.00	=	\$	-		\$	-
72" Reinforced Concrete Pipe			LF	\$	380.00	=	\$	-		\$	_
18" Corrugated Steel Pipe			LF	\$	84.00	=	\$	_		\$	
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	=	\$	<u> </u>		\$	
48" Corrugated Steel Pipe			LF	\$	178.00	=	\$	<u> </u>		\$	
				-							
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	10		LF	\$	550.00	=	\$	-		\$	-
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	18	2	EA	\$	390.00	=	\$	780.00		\$	780.0
Flared End Section (FES) RCP Size =			LA				+.				
(unit cost = 6x pipe unit cost)	24	1	EA	\$	468.00	=	\$	468.00		\$	468.0
Flared End Section (FES) RCP Size =		1		\$	720.00	=	\$	720.00		\$	720.0
(unit cost = 6x pipe unit cost)	36	1	EA	Þ	720.00			720.00			720.0
End Treatment- Headwall			EA			=	\$	-		\$	-
End Treatment- Wingwall			EA			=	\$	-		\$	-
End Treatment - Cutoff Wall			EA			=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5	!		EA	\$	5,542.00	=	\$	-		\$	-
Curb Inlet (Type R) L=5', 5' ≤ Depth < 1	10'		EA	\$	7,188.00	=	\$	-		\$	-
Curb Inlet (Type R) L =5', 10' ≤ Depth < 1	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 < 1	10'	4	EA	\$	7,861.00	=	\$	31,444.00		\$	31,444.0
Curb Inlet (Type R) L =10', 10' ≤ Depth < 1	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 < 1	10'	3	EA	\$	10,633.00	=	\$	31,899.00		\$	31,899.0
Curb Inlet (Type R) L =15', 10' ≤ Depth < 1	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 < 1		3	EA	\$	11,667.00	=	\$	35,001.00		\$	35,001.0
Grated Inlet (Type C), Depth < 5			EA	\$	4,640.00	=	\$	-		\$	-
Grated Inlet (Type D), Depth < 5'		1	EA	\$	5,731.00	=	\$	5,731.00		\$	5,731.0
Storm Sewer Manhole, Box Base			EA	\$	11,627.00	=	\$	-		\$	
Storm Sewer Manhole, Slab Base			EA	\$	6,395.00	_	¢	-		\$	
Geotextile (Erosion Control)			SY	\$	6.00	=	\$	-		\$	
Rip Rap, d50 size from 6" to 24"		110	Tons	\$	80.00	=	\$	8,800.00		\$	8,800.0
Rip Rap, Grouted		110	Tons	\$	95.00	=	\$	0,000.00		\$	0,000.0
		1,300	LF	\$	200.00	=	\$	260,000.00		\$	260,000.0
Drainage Channel Lining Construction, Size ( 26 x 5 )		1,300		_		=		200,000.00			200,000.0
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	1					=	\$	-		\$	-
						=	\$	-		\$	-
	n nlanel					=	\$	-		\$	-
[insert items not listed but part of construction Subject to defect warranty financial assurance. A minimum										_	

Add to Soil/rip rap quantity above, the amount added from the 11/9/19 to the current amount shown on the plan that addressed PCD engineering comments. Additionally add a Quantity "channel lining rip-rap" to address the 4/2020 comments on the drainage report for the main North-south channel improvements.

	PROJECT INFORMATION							
Bent Grass Residential Filing No. 2 3/29/2020 SF-19-014								
Project Name	Date	PCD File No.						

				Unit				(with Pre-	Plat	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPRO</b>	VEMENTS (Priv	ate or Dis	trict	and NOT	Maintai	ned b	y EPC)**			
ROADWAY IMPROVEMENTS										
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Except	ion: Permanent Pon	d/BMP shall I	oe iter	mized under	Section 1)					
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"	7,850	LF	\$	64.00	=	\$	502,400.00		\$	502,400.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	75.00	=	\$	-		\$	-
Gate Valves, 8"	117	EA	\$	1,858.00	=	\$	217,386.00		\$	217,386.00
Fire Hydrant Assembly, w/ all valves	20	EA	\$	6,597.00	=	\$	131,940.00		\$	131,940.00
Water Service Line Installation, inc. tap and valves	178	EA	\$	1,324.00	=	\$	235,672.00		\$	235,672.00
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"	8,500	LF	\$	64.00	=	\$	544,000.00		\$	544,000.00
Sanitary Sewer Manhole, Depth < 15 feet	72	EA	\$	4,386.00	=	\$	315,792.00		\$	315,792.00
Sanitary Service Line Installation, complete	178	EA	\$	1,402.00	=	\$	249,556.00		\$	249,556.00
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
	(For subdivision spe									
Landscaping	1	LS	\$ :	210,000.00	=	\$	210,000.00		\$	210,000.00
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Secti	on 3	Subtotal	=	\$	2,406,746.00		\$	2,406,746.00

PROJECT INFORMATION							
Bent Grass Residential Filing No. 2 3/29/2020 SF-19-014							
Project Name	Date	PCD File No.					

			Unit				(with Pre-Plat Construction)			
Description	Quantity	Units		Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WO	QCV BMPs)	LS	\$	40,000.00	-	=	\$ 40,000.00		\$	40,000.00
POND/BMP CERTIFICATION (inc. elevations and volume ca	lculations)	LS	\$	15,000.00		=	\$ 15,000.00		\$	15,000.00

Total Construction Financial Assurance \$ 7,720,159.66

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$\\_\$ 7,720,159.66

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

Total Defect Warranty Financial Assurance \$ 976,374.39

(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.
(0.5 0.10 ) 1	
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date

# FAE V\_4 Redlines.pdf Markup Summary

#### dsdkuehster (5)



Subject: text box Page Label: 5

Author: dsdkuehster

Date: 4/7/2020 10:44:07 AM

Status: Color: Layer: Space: 3 Shown



Subject: text box Page Label: 5

Author: dsdkuehster

Date: 4/7/2020 11:05:21 AM

Status: Color: Layer: Space: Add for T intersections



Subject: EPC ENG Review

Page Label: 1
Author: dsdkuehster

Date: 4/7/2020 11:49:24 AM

Status: Color: Layer: Space:



Subject: text box Page Label: 6 Author: dsdkuehster

Date: 4/7/2020 12:03:45 PM

Status: Color: Layer: Space: Add to Soil/rip rap quantity above, the amount added from the 11/9/19 to the current amount shown on the plan that addressed PCD engineering comments. Additionally add a Quantity "channel lining rip-rap" to address the 4/2020 comments on the drainage report for the main North-south channel improvements.



Subject: EPC ENG Review

Page Label: 5
Author: dsdkuehster

Date: 4/7/2020 12:04:27 PM

Status: Color: Layer: Space: