## SF1817

## 2019 Financial Assurance Estimate Form

## (with pre-plat construction)

	F	ROJECT	INFORMATIO	N					
OREST LAKES FILING NO. 4 (42 LOTS)	•		9/29/2020						
roject Name:			Date		-		PCD File No.		
escription	Quantity	Units	Unit Cost			Total	(with Pre % Complete		struction) emaining
ECTION 1 - GRADING AND EROSION CONTRO			1 1		-	TOLAI	78 complete	K	emaining
* Earthwork									
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$	-		\$	-
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$	-		\$	-
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$	-		\$	-
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$	-		\$	-
50,001-200,000; \$175,000 min	50,500	CY	\$ 2.50	=	\$	175,000.00		\$	175,000.0
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$	-		\$	-
* Permanent Seeding (inc. noxious weed mgmnt.)	24.56	AC	\$ 800.00	-	\$	19,648.00		\$	19,648.0
* Mulching	24.56	AC	\$ 750.00	-	\$	18,420.00		\$	18,420.0
* Permanent Erosion Control Blanket		SY	\$ 6.00	-	\$	-		\$	-
* Permanent Pond/BMP Construction		CY	\$ 20.00	=	\$	-		\$	-
* Permanent Pond/BMP (Spillway)		EA	\$ 12,500.00	=	\$	-		\$	-
* Permanent Pond/BMP (Outlet Structure)		EA	\$ 20,000.00	=	\$	-		\$	-
Safety Fence		LF	\$ 3.00	-	\$	-		\$	-
Temporary Erosion Control Blanket		SY	\$ 3.00	-	\$	-		\$	-
Vehicle Tracking Control	1	EA	\$ 2,370.00	=	\$	2,370.00		\$	2,370.0
Silt Fence	1,990	LF	\$ 2.50	=	\$	4,975.00		\$ ¢	4,975.0
Temporary Seeding		AC	\$ 628.00	-	\$	-		\$	-
Temporary Mulch	0	AC	\$ 750.00	=	\$	-		\$	-
Erosion Bales	9	EA	\$ 25.00	=	\$	225.00		\$	225.0
Erosion Logs/Straw Waddle Rock Check Dams		LF	\$ 5.00	=	\$	-		\$	-
Inlet Protection	9	EA	\$ 500.00	=	\$	-		\$ \$	1 502 /
	9	EA	\$ 167.00			1,503.00			1,503.0
Sediment Basin Concrete Washout Basin	1	EA	\$ 1,762.00 \$ 900.00	=	\$	- 900.00		\$ \$	- 900.0
	1	EA LS	\$ 900.00 \$ 16,921.93	=	\$	16,921.93		\$ \$	
Grading Differential [insert items not listed but part of construction plans]	1	LO	\$ 10,921.93	-	\$	10,921.93			16,921.9
Insert items not listed but part of construction biansi				=	2	-		\$	-
	INTENANCE (269	/ of Constr	uction PMDc)	_	¢	2 400 55		¢	2 400 6
MA	INTENANCE (359	% of Constr	uction BMPs)	=	\$	3,490.55		\$	3,490.5
MA 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 *	INTENANCE (359		uction BMPs) on 1 Subtotal	=	\$ \$	3,490.55 <b>243,453.48</b>			3,490.5 <b>243,453.4</b> 8
MA 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	INTENANCE (359	Sectio	-	=	\$			\$	
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control		LS	on 1 Subtotal	=	\$	243,453.48		\$ \$	243,453.4
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	1NTENANCE (359 4,226	Section LS Tons	\$ 28.00	=	\$ \$ \$			\$ \$ \$	243,453.4
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)		LS Tons CY	\$ 28.00 \$ 50.00	=	\$ \$ \$ \$	<b>243,453.48</b> 118,328.00		\$ \$ \$ \$	<b>243,453.4</b> 118,328.0
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		LS Tons CY SY	\$ 28.00 \$ 50.00 \$ 14.00	=	\$ \$ \$ \$ \$	243,453.48		<b>\$</b> \$ \$ \$ \$ \$ \$	<b>243,453.4</b> - - - - - - - - - - - - - - -
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphati Pavement (3" thick) Asphali Pavement (4" thick)		LS Tons CY SY SY	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00	=	\$ \$ \$ \$ \$ \$ \$	<b>243,453.48</b> 118,328.00		<b>\$</b> \$ \$ \$ \$ \$ \$ \$ \$	<b>243,453.4</b> 118,328.0
MA 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) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)	4,226	LS Tons CY SY SY SY	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		<b>\$</b> \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 - - 118,328.0 - - - - - - - - - - - - - - - - - - -
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MA 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 * 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) Rashadt Pavement (6" thick) Raised Median, Paved	4,226	LS Tons CY SY SY SY SY SF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 8.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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 * 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) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign	4,226 1,501 3	LS Tons CY SY SY SY SY Tons SF EA	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 8.00 \$ 300.00	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 - - - - - - - - - - - - - - - - - - -
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MA           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           Aggregate Base Course           Aggregate Base Course           Asphalt Pavement (3" thick)           Asphalt Pavement (4" thick)           Asphalt Pavement           Raised Median, Paved           Regulatory Sign/Advisory Sign           Guide/Street Name Sign           Epoxy Pavement Marking	4,226 1,501 3	Section LS Tons CY SY SY SY Tons SF EA SF EA SF SF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 88.00 \$ 300.00 \$ 300.00 \$ 13.00 \$ 23.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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 * 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 (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	4,226 1,501 3	LS Tons CY SY SY Tons SF EA SF EA SF SF EA	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 80.00 \$ 300.00 \$ 300.00 \$ 300.00 \$ 300.00 \$ 300.00 \$ 23.00 \$ 23.00 \$ 20.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 - 118,328.0 - - - - - - - - - - - - - - - - - - -
MA 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 (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 1	4,226 1,501 3 4	LS Tons CY SY SY SY Tons SF EA EA SF EA EA EA	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 88.00 \$ 80.00 \$ 300.00 \$ 300.00 \$ 13.00 \$ 23.00 \$ 23.00 \$ 20.00 \$ 24.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 - - - - - - - - - - - - - - - - - - -
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MA 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) Asphalt Pavement (3" thick) Asphalt Pavement (3" 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 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk	4,226 1,501 3 4 625 230 815	Section LS Tons CY SY SY SY SY SY Tons SF EA EA EA EA EA EA EA EA EA SF SF SF SF SF SF SF SF SF SF SF SF SF	S         28.00           \$         50.00           \$         14.00           \$         50.00           \$         14.00           \$         29.00           \$         88.00           \$         300.00           \$         300.00           \$         300.00           \$         23.00           \$         20.000           \$         20.000           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         48.00           \$         60.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00 1,200.00 24,450.00 85,440.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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) 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)" 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 8" Sidewalk 8" Sidewalk	4,226 1,501 3 4 625 230 815 1,424	LS Tons CY SY SY SY Tons SF EA EA EA EA EA LF LF LF LF SY SY SY	S         28.00           \$         50.00           \$         50.00           \$         50.00           \$         19.00           \$         29.00           \$         88.00           \$         300.00           \$         300.00           \$         300.00           \$         23.00           \$         20.00           \$         20.00           \$         20.00           \$         20.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         96.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00 1,200.00 6,900.00 24,450.00 85,440.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4
MA 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) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3' thick) 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 Darricade - Type 1 Curb and Gutter, Type A (6'' Vertical) Curb and Gutter, Type C (Ramp) 4'' Sidewalk Pedestrian Ramp	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY Tons SF EA EA SF EA EA EA LF LF LF LF SY SY SY EA	Subtotal           \$ 28.00           \$ 50.00           \$ 14.00           \$ 29.00           \$ 88.00           \$ 300.00           \$ 300.00           \$ 29.00           \$ 29.00           \$ 29.00           \$ 29.00           \$ 20.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 23.00           \$ 200.00           \$ 200.00           \$ 200.00           \$ 200.00           \$ 200.00           \$ 200.00           \$ 200.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 96.00           \$ 1,150.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 - - - - - - - - - - - - -
MA 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) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3' thick) Asphalt Pavement (3' thick) Asphalt Pavement (6' thick) Asphalt Pavement (6' thick) Asphalt Pavement (6' thick) Asphalt Pavement (6' thick) Bairicade Aggregate Base Course (147 lbs/cf) Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6' Vertical) Curb and Gutter, Type A (6' Vertical) Curb and Gutter, Type C (Ramp) 4' Sidewalk 6' Sidewalk 8'' Sidewalk 8'' Sidewalk 8'' Sidewalk 8'' Sidewalk	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY SY SY EA EA EA EA EA EA LF LF SY SY SY SY SY EA LF	S         28.00           \$         50.00           \$         19.00           \$         29.00           \$         29.00           \$         88.00           \$         29.00           \$         80.00           \$         300.00           \$         300.00           \$         20.00           \$         20.00           \$         24.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         96.00           \$         96.00           \$         96.00           \$         1.15.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4
MA 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) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" 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 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 9" divide to include return) Cross Pan, local (8" thick, 8' wide to include return) Curb Chase	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY SY SY SY EA EA EA EA EA EA EA EA EA EA EA EA EA	S         28.00           \$         50.00           \$         14.00           \$         50.00           \$         19.00           \$         29.00           \$         300.00           \$         300.00           \$         300.00           \$         300.00           \$         13.00           \$         23.00           \$         200.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         96.00           \$         72.00           \$         96.00           \$         92.00		\$           \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00 24,450.00 85,440.00 6,900.00 4,514.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4
MA 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) Aggregate Base Course (135 lbs/cf) Asphatl Pavement (3" thick) Asphatl Pavement (3" thick) Asphatl Pavement (6" thick) Asphatl Pavement (6" thick) Asphatl 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" S	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY SY SY SF EA EA SF EA EA EA LF LF LF SY SY SY SY SY EA LF LF LF LF EA	S         28.00           \$         50.00           \$         50.00           \$         14.00           \$         19.00           \$         29.00           \$         88.00           \$         300.00           \$         300.00           \$         300.00           \$         23.00           \$         20.000           \$         20.000           \$         20.000           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         96.00           \$         72.00           \$         96.00           \$         1,150.00           \$         92.00           \$         1,480.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48 118,328.00 132,088.00 900.00 1,200.00 1,200.00 24,450.00 6,900.00 24,450.00 6,900.00 4,514.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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) 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 (6'' thick) Baricade 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 8'' Sidewalk 8'' Sidewalk 9'' Sidewalk 9''' Sidewalk 9''' Sidewalk 9''''''''''''''''''''''''''''''''''''	4,226 1,501 3 4 625 230 815 1,424 6	LS Tons CY SY SY SY SY EA EA EA EA EA EA LF LF SY SY SY SY SY SY SY SY EA LF LF EA LF LF	S         28.00           \$         50.00           \$         19.00           \$         29.00           \$         29.00           \$         300.00           \$         300.00           \$         300.00           \$         300.00           \$         23.00           \$         20.00           \$         24.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         48.00           \$         96.00           \$         1,150.00           \$         92.00           \$         1,480.00           \$         49.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3' thick) Asphalt Pavement (4' thick) Asphalt Pavement (6' thick) Asphalt Pavement Marking Epoxy Pavement Marking Darricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6' Vertical) Curb and Gutter, Type A (6' Vertical) Curb and Gutter, Type C (Ramp) 4' Sidewalk 6' Sidewalk Pedestrian Ramp Cross Pan, local (8' thick, 6' wide to include return) Curb Curb Curb Curb (9' thick, 8' wide to include return) Curb Curb Curb Curb Curb (9' thick, 8' wide to include return) Curb Curb Canse Guardrail Type 3 (W-Beam)	4,226 1,501 3 4 625 230 815 1,424 6	LS Tons CY SY SY SY Tons SF EA EA EA EA LF LF LF SY SY SY SY SY EA LF LF LF LF LF LF LF LF LF LF LF LF LF	S         28.00           \$         50.00           \$         14.00           \$         19.00           \$         29.00           \$         300.00           \$         300.00           \$         300.00           \$         300.00           \$         300.00           \$         23.00           \$         23.00           \$         24.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         30.00           \$         40.00           \$         92.00           \$         1,480.00           \$         49.00           \$         2,098.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4
MA 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 * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Bayhalt Pavement (6" thick) Asphalt Pavement (6" thick) Bayhalt Pavement (6" thick) Bayhalt Pavement (6" thick) Bayhalt Pavement (6" thick) Curb and Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 9" S	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY SY SY SY EA EA EA EA EA EA EA EA EA LF LF LF SY SY SY SY SY SY EA LF LF EA LF EA	Subtotal           \$ 28.00           \$ 50.00           \$ 14.00           \$ 29.00           \$ 14.00           \$ 29.00           \$ 29.00           \$ 300.00           \$ 29.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 24.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 48.00           \$ 72.00           \$ 96.00           \$ 1,150.00           \$ 92.00           \$ 1,480.00           \$ 29.00           \$ 1,480.00           \$ 2,98.00           \$ 2,98.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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 * 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 (6" thick) Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8"	4,226 1,501 3 4 625 230 815 1,424 6	LS Tons CY SY SY SY Tons SF EA EA EA EA LF LF LF LF LF SY SY SY SY EA LF LF LF EA LF EA LF LF EA LF LF EA	Subtotal           \$ 28.00           \$ 50.00           \$ 14.00           \$ 19.00           \$ 19.00           \$ 29.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 29.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 13.00           \$ 23.00           \$ 20.000           \$ 24.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 48.00           \$ 96.00           \$ 1,150.00           \$ 96.00           \$ 1,480.00           \$ 49.00           \$ 2,098.00           \$ 3,767.00           \$ 78.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 
MA 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) 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 (6" thick) Bashalt Pavement (6" thick) Asphalt Pavement (6" thick) Bashalt Pavement (6" thick) Bashalt Pavement (6" thick) Bashalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Bashalt Pavement (6" thick) Asphalt Pavement (6" thick) Bashalt Pavement (6" thick) Bashalt Pavement (6" thick) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 9" Si	4,226 1,501 3 4 625 230 815 1,424 6	Section LS Tons CY SY SY SY SY SY EA EA EA EA EA LF LF LF LF SY SY SY SY SY SY EA LF LF EA LF EA LF EA EA	Subtotal           \$ 28.00           \$ 50.00           \$ 14.00           \$ 29.00           \$ 14.00           \$ 29.00           \$ 29.00           \$ 300.00           \$ 29.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 300.00           \$ 24.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 30.00           \$ 48.00           \$ 72.00           \$ 96.00           \$ 1,150.00           \$ 92.00           \$ 1,480.00           \$ 29.00           \$ 1,480.00           \$ 2,98.00           \$ 2,98.00		\$       \$ <t< td=""><td>243,453.48</td><td></td><td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td><td>243,453.4 </td></t<>	243,453.48		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	243,453.4 

OREST LAKES FILING NO. 4 (42 LOTS)		ROJECT	9/29/2020						
Project Name:	-		PCD File No.						
roject Name.			Date				FCD The NO.		
			Unit				(with Pr	-Plat Co	onstruction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
	Quantity	onits	0031	=	\$	-	70 complete	\$	-
[insert items not listed but part of construction plans]				=	\$			\$	-
STORM DRAIN IMPROVEMENTS				-	φ			Ψ	
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$	-		\$	-
18" Reinforced Concrete Pipe		LF	\$ 65.00	=	\$	-		\$	-
24" Reinforced Concrete Pipe	90	LF	\$ 78.00	=	\$	7,020.00		\$	7,020.0
30" Reinforced Concrete Pipe	410	LF	\$ 97.00	=	\$	39,770.00		\$	39,770.0
36" Reinforced Concrete Pipe	110	LF	\$ 120.00	=	\$	-		\$	-
42" Reinforced Concrete Pipe		LF	\$ 160.00	_	\$	-		\$	-
48" Reinforced Concrete Pipe	840	LF	\$ 195.00	=	\$	163,800.00		\$	163,800.
54" Reinforced Concrete Pipe	010	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	=	\$	-		\$	
- · ·		LF			_			\$	
48" Corrugated Steel Pipe 54" Corrugated Steel Pipe		LF	\$ 178.00	=	\$	-		\$ \$	-
· ·			\$ 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	=	\$	-		\$	-
Flared End Section (FES) RCP Size = 18 (unit cost = 6x pipe unit cost)		EA	\$ 390.00	=	\$	-		\$	-
Flared End Section (FES) RCP Size = 30		LA							
(unit cost = 6x pipe unit cost)		EA	\$ 582.00	=	\$	-		\$	-
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) 48	1	= .	\$ 1,068.00	=	\$	1,068.00		\$	1,068.0
		EA							
End Treatment- Headwall		EA	\$ 50,000.00	=	\$	-		\$	-
End Treatment- Wingwall		EA	\$ 30,000.00	=	\$	-		\$	-
End Treatment - Cutoff Wall		EA		=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 5,542.00	=	\$	-		\$	-
Curb Inlet (Type R) L=5', $5' \leq \text{Depth} < 10'$		EA	\$ 7,188.00	=	\$	-		\$	-
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5'	2	EA	\$ 7,627.00	=	\$	15,254.00		\$	15,254.
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 9,918.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 10,633.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,570.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	-	\$	-		\$	-
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,640.00	=	\$	-		\$	-
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$	-		\$	-
Storm Sewer Manhole, Box Base	2	EA	\$ 11,627.00	=	\$	23,254.00		\$	23,254
Storm Sewer Manhole, Slab Base	2	EA	\$ 6,395.00	=	\$	23,234.00		\$	23,234
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$			\$	
Rip Rap, d50 size from 6" to 24"	40.5				\$	3,240.00		\$	3,240
· · · · ·	40.5	Tons	\$ 80.00	=	_	3,240.00		\$ \$	3,240.
Rip Rap, Grouted		Tons	\$ 95.00	=	\$	-			-
Drainage Channel Construction, Size (W x H)		LF	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				=	\$	-		\$	-
				=	\$	-		\$	-
[insert items not listed but part of construction plans]				=	\$	-		\$	-
- Subject to defect warranty financial assurance. A minimum of 20% shall be									

		PROJECT I	INFO	ORMATIC	NC					
FOREST LAKES FILING NO. 4 (42 LOTS)			9/2	29/2020						
Project Name:	Date							PCD File No.		
				Unit				(with Pre	-Plat (	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPRO	VEMENTS (Priv	ate or Dis	tric	t and NO	T Mainta	nined b	y EPC)**			
ROADWAY IMPROVEMENTS										
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Excep	tion: Permanent Pon	d/BMP shall I	be ite	mized unde	er Section 1					
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"	2,028	LF	\$	64.00	=	\$	129,792.00		\$	129,792.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	75.00	=	\$	-		\$	-
Gate Valves, 8"	8	EA	\$	1,858.00	=	\$	14,864.00		\$	14,864.00
Fire Hydrant Assembly, w/ all valves	4	EA	\$	6,597.00	=	\$	26,388.00		\$	26,388.00
Water Service Line Installation, inc. tap and valves	42	EA	\$	1,324.00	=	\$	55,608.00		\$	55,608.00
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS						_				
Sewer Main Pipe (PVC), Size 8"	1,680	LF	\$	64.00	=	\$	107,520.00		\$	107,520.00
Sanitary Sewer Manhole, Depth < 15 feet	7	EA	\$	4,386.00	=	\$	30,702.00		\$	30,702.00
Sanitary Service Line Installation, complete	42	EA	\$	1,402.00	=	\$	58,884.00		\$	58,884.00
Sanitary Sewer Manhole, Depth > 15 feet		EA	\$	5,000.00	=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe		n of a	approval, or						
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Sectio	n 3	Subtotal	=	\$	423,758.00		\$	423,758.00

		PROJECT	INFORMATIO	N				
FOREST LAKES FILING NO. 4 (42 LOTS)			9/29/2020	all have been all the			Section 2018	and the second
Project Name:			Date				PCD File No.	
			Unit				(with Pre-P	lat Construction)
Description	Quantity	Units	Cost		Tot	al	% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WC POND/BMP CERTIFICATION (inc. elevations and volume ca		LS		-	\$		S	
OND/DMF CERTIFICATION (Inc. elevations and volume ca	liculations)	LS		-	ş		S	10 11 10 10 10 10 10 10 10 10 10 10 10 1
				Tota	al Construction	n Financial	Assurance	\$ 1,320,087.4
			(Sum of all see		tals plus as-builts			2,520,007.
							,	
	Total Remai	ning Cons	truction Final	icial Ass	surance (with I	Pre-Plat Co	nstruction)	\$ 1,320,087.4
	(Sum of al	I section total	s less credit for it	ems comp	lete plus as-builts	and pond/BM	P certification)	
				Total D	efect Warrant	<b>v</b> Financial	Assurance	\$ 173,188.8
	(2	0% of all iten	ns identified as (*		llateralized at time	A SCHERE PROPERTY OF A		
							,	
Approvals	and a second	and a start						
	SADO	100						
hereby certify that this is an accurate and complete estimated	of costs for the wor	k as shown o	n the Grading an	Erosion (	Control Plan and C	onstruction D	rawings associate	d with the Project.
the second se	OVINED	Ap: S	NA.					
	2.60	MAX Y	-Wa					
	ills	10.	V					
04	- 0070	in mi	2.10					
CIALALA MATAILAI	2919	Half press						
1000 - VI VIIII	and the second		E					
Engineer (P.E. Seal Required)	2.	10	E A					
	Ca's	1.8	Et al		2			
XIIII DULT	Sei	-ight	7 1/)	- 1 -	621	N I		
( Att - COUL	IONAL-	FINE			20	-) 		

Date

Appro

Approv

d by El Paso County Engineer / ECM Administrator

APPROVED

Engineering Department

10/05/2020 11:27:52 AM dsdnijkamp EPC Planning & Community Development Department

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