## 2022 Financial Assurance Estimate Form

(with pre-plat construction)

Updated: 11/4/2021

PROJECT INFORMATION							
Homestead North Filing No. 2 - For Plat Recordation	10/17/2023	SF2218					
Project Name	Date	PCD File No.					

		202094240		Unit				Commence of the Commence of th	Plat Construction)
escription	Quantity	Units		Cost		-	Total	% Complete	Remaining
ECTION 1 - GRADING AND EROSION CONTROL	(Construction	and Perm	anent I	BMPs)					
Earthwork								The second secon	
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	=	4		4	-
50,001-200,000; \$175,000 min	88 300	CY	\$	2.50			220.750.00	90,000	44 150 (
	88,300				=	\$	220,750.00	80.00% \$	44,150.0
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$		\$	
Permanent Seeding (inc. noxious weed mgmnt.)	1	AC	\$	886.00	=	\$	886.00	\$	886.0
* Mulching	1	AC	\$	831.00	=	\$	831.00	\$	831.0
* Permanent Erosion Control Blanket	62	SY	\$	7.00	=	\$	434.00	80.00% \$	86.8
Permanent Pond/BMP Construction		CY	\$	22.00	=	\$	-	4	-
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$	40,000.00	=		40,000.00	50.00% \$	20,000.0
(provide originals)		EA	neare	10,000.00	_	,	10,000.00	30.0070	20,000.
Nofely Force			•	2.00		\$		13	
Safety Fence		LF	\$	3.00	=	\$		\$	
Temporary Erosion Control Blanket		SY	\$	3.00	= =	\$		\$	
/ehicle Tracking Control	3	EA	\$	2,625.00	=	\$	7,875.00	100.00% \$	-
Construction Fence	2,871	LF	\$	3.00		\$	8,613.00	100.00% \$	-
Silt Fence	3,729	LF	\$	3.00	=	\$	11,187.00	100.00% \$	-
Temporary Seeding	27	AC	\$	695.00	=		18,765.00	100.00% \$	
		AC	\$			,			
Femporary Mulch	27			831.00	=	3	22,437.00	100.00% \$	
Erosion Bales		EA	\$	28.00	=	\$		\$	
Erosion Logs/Straw Waddle		LF	\$	6.00	=	\$	-	\$	
Rock Check Dams	15	EA	\$	554.00	=	\$	8,310.00	100.00% \$	-
Temporary Slope Drain	78	LF	\$	30.00		\$	2,340.00	100.00% \$	
nlet Protection	12	EA	\$	185.00	=	\$	2,220.00	100.00% \$	-
Sediment Basin	2	EA	\$	1,952.00	=	\$	the second secon		
						-	3,904.00	100.00% \$	
Diversion Ditch	4,418	LF	\$	2.00		\$	8,836.00	100.00% \$	
Stabalized Staging Area	628	SY	\$	3.00		\$	1,884.00	100.00% \$	-
Concrete Washout Basin	1	EA	\$	997.00	=	\$	997.00	100.00% \$	-
					=	\$	-	\$	-
insert items not listed but part of construction plansl					=	5		S	
MA Subject to defect warranty financial assurance. A minimum of 20% shall be	INTENANCE (35			on BMPs) Subtotal	= =	\$ \$	34,078.80 <b>394,347.80</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 *	INTENANCE (35				=	\$			
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		Sec	tion 1	Subtotal	=	\$	394,347.80	\$	100,032.6
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	INTENANCE (35	Sec	tion 1	Subtotal 5,000.00	=	\$			100,032.6
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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)		Sec	tion 1	Subtotal 5,000.00	=	\$ <b>\$</b>	394,347.80	\$	1,000.0
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) (8" thick)	1	Sec LS Tons	s \$	5,000.00 31.00	=	\$ <b>\$</b> \$ \$	<b>394,347.80</b> 5,000.00	\$	100,032.6
MA Subject to defect warranty financial assurance. A minimum of 20% shall be sined 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) (8" thick)  Asphalt Pavement (3" thick)	1 3,579	LS Tons CY SY	\$ \$ \$ \$	5,000.00 31.00 56.00 16.00	=	\$ <b>\$</b> \$ \$	5,000.00	\$	1,000.6 1,000.6 200,431.2
MA Subject to defect warranty financial assurance. A minimum of 20% shall be airied 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) (8" thick)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)	1	LS Tons CY SY SY	\$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00	=	\$ <b>\$</b> \$ \$	<b>394,347.80</b> 5,000.00	\$	1,000.6 1,000.6 200,431.2
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MA Subject to defect warranty financial assurance. A minimum of 20% shall be alread until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  DADWAY IMPROVEMENTS  Construction Traffic Control Aggregate Base Course (135 lbs/cf) (8" thick) 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	1 3,579	LS Tons CY SY SY SY Tons	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00	= = = = = = = = = = = = = = = = = = = =	\$ <b>\$</b> \$ \$	5,000.00	\$	1,000.0 1,000.0 200,431 341,987.9
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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (5" thick) Asphalt Pavement (5" thick) Asphalt Pavement (5" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign	1 3,579 16,285	LS Tons CY SY SY SY Tons SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00	= = = = = = = = = = = = = = = = = = = =	\$ <b>\$</b> \$ \$	5,000.00 - 200,431.28 - 341,987.52 - - 3,330.00	\$	1,000.6 1,000.6 200,431.2 341,987.5 -
MA Subject to defect warranty financial assurance. A minimum of 20% shall be airined 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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign	1 3,579 16,285	LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00	= = = = = = = = = = = = = = = = = = = =	\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.6 1,000.6 200,431.2
MA Subject to defect warranty financial assurance. A minimum of 20% shall be sined 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) (8" thick) 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 Suide/Street Name Sign Epoxy Pavement Marking	1 3,579 16,285	LS Tons CY SY SY Tons SF EA EA SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00	= = = = = = = = = = = = = = = = = = = =	\$ <b>\$</b> \$ \$	5,000.00 - 200,431.28 - 341,987.52 - - 3,330.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 1,000.0 200,431 341,987 -
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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  Construction Traffic Control Aggregate Base Course (135 lbs/cf) (8" thick) 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 Regulatory Sign/Advisory Sign Buide/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) It Sidewalk	1 3,579 16,285 10 8	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 53.00 66.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 - 3,330.00 1,600.00	80.00%   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,000.0 200,431.3 341,987.3 3,330.0 1,600.0 29,836.3
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 (6" 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 Suide/Street Name Sign Epoxy Pavement Marking Intermoplastic 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)  "Sidewalk (common areas only) Sidewalk	1 3,579 16,285 10 8 3,108 5,326	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 32.00 32.00 32.00 66.00 80.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 99,456.00 170,432.00	80.00%   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,000.0 200,431.3 341,987.3 3,330.0 1,600.0 29,836.3
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 (6" thick) Asphalt Pavement (147 lbs/cf)" thick Asign deficial provided the state of the s	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 53.00 66.00 80.00 106.00		\$ <b>\$</b> \$ \$	394,347.80  5,000.00  200,431.28  341,987.52  3,330.00 1,600.00  99,456.00  170,432.00  387,844.38	80.00%   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,000.0 1,000.0 200,431 341,987.9 3,330.0 1,600.0 29,836.8 34,086.4
Subject to defect warranty financial assurance. A minimum of 20% shall be alined 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 (6" thick)  Asph	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1.273.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 99,456.00 170,432.00	80.00%   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,000.0 1,000.0 200,431 341,987.9 3,330.0 1,600.0 29,836.8 34,086.4
Subject to defect warranty financial assurance. A minimum of 20% shall be inined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  Construction Traffic Control (Augregate Base Course (135 lbs/cf) (8" thick) (Augregate Base Course (135 lbs/cf) (8" thick) (Ausphalt Pavement (3" thick) (Ausphalt Pavement (6" thick) (Ausphalt Pavement Marking (Ausph	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 53.00 66.00 80.00 106.00		\$ <b>\$</b> \$ \$	394,347.80  5,000.00  200,431.28  341,987.52  3,330.00 1,600.00  99,456.00  170,432.00  387,844.38	80.00%   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.8 34,086.4 387,844
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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (135 lbs/cf) Asphalt Pavement (135 lbs/cf) Asphalt Pavement (14" thick) Asphalt Pavement (15" thick) Asphalt Pavement	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1.273.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.8 34,086.4 387,844
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) (8" thick) Aggregate Base Course (135 lbs/cf) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (135 lbs/cf) Asphalt Pavement (14" thick) Asphalt Pavement (15" lbs/cf) Asphalt Pavemen	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 32.00 66.00 80.00 1.273.00 67.00 102.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431.3 341,987.5 3,330.0 1,600.0 29,836.8 34,086.4 387,844.3
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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Regulatory Sign/Advisory Sign Buide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)  It Sidewalk Stidewalk Stidewalk Cedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 53.00 66.00 80.00 106.00 1.273.00 67.00 102.00 1,639.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.8 34,086.4 387,844
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 (6" thick) Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved Regulatory Sign/Advisory Sign Buide/Street Name Sign Epoxy Pavement Marking Intermoplastic 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)  "Sidewalk (common areas only) "Sidewalk "Sidewalk "Sidewalk "Sidewalk "Pedestrian Ramp Cross Pan, local (8" thick, 6" wide to include return) Cross Pan, collector (9" thick, 8" wide to include return) Cross Pan, collector (9" thick, 8" wide to include return) Cross Pan, collector (9" thick, 8" wide to include return)	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1,273.00 67.00 102.00 1,639.00 55.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.0 34,086 387,844
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 (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Barricade - Type 3  Durb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  I" Sidewalk  S" Sidewalk  S" Sidewalk  Padestrian Ramp  Cross Pan, local (6" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1,273.00 67.00 102.00 1,639.00 55.00 80.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.8 34,086.4 387,844
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 (6" thick) Asphalt Pavement (147 lbs/cf)" thick Asised Median, Paved Aggulatory Sign/Advisory Sign Buide/Street Name Sign Epoxy Pavement Marking District Pavement Pave	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1,273.00 67.00 102.00 1,639.00 55.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431 341,987 3,330.0 1,600.0 29,836.8 34,086.4 387,844
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 (6" thick)  Asphalt Pavement Marking  Guide/Street Name Sign  Epoxy Pavement Marking  Chermoplastic 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)  To Sidewalk	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 66.00 80.00 106.00 1,273.00 67.00 102.00 1,639.00 55.00 80.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431.3 341,987.5 3,330.0 1,600.0 29,836.8 34,086.4 387,844.3
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 (147 lbs/cf)" thick Asphalt Pavement (6" thick) Asphalt Pavement (135 lbs/cf) (6" thick) Asphalt Pavement (135 lbs/cf) (6" thick) Asphalt Pavement (150 lbs/cf) A	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 333.00 200.00 15.00 26.00 221.00 27.00 32.00 32.00 32.00 32.00 53.00 66.00 80.00 106.00 1.273.00 67.00 102.00 1,639.00 55.00 80.00 2,324.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431.3 341,987.5 3,330.0 1,600.0 29,836.8 34,086.4 387,844.3
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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt P	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF LF LF EA LF	tion 1 * \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 53.00 66.00 80.00 1,273.00 67.00 102.00 1,273.00 67.00 102.00 1,273.00 68.00 2,324.00 4,172.00 87.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431.3 341,987.9 3,330.0 1,600.0 29,836.8 34,086.4 387,844.3
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) (8" thick) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt P	1 3,579 16,285 10 8 3,108 5,326 5,876	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF LF EA LF LF LF EA LF LF LF EA LF LF LF LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,000.00 31.00 56.00 16.00 21.00 32.00 97.00 9.00 200.00 15.00 221.00 27.00 32.00 32.00 32.00 32.00 32.00 53.00 66.00 80.00 106.00 1,273.00 67.00 102.00 1,639.00 55.00 80.00 2,324.00 4,172.00		\$ <b>\$</b> \$ \$	5,000.00 200,431.28 341,987.52 3,330.00 1,600.00 170,432.00 387,844.38 42,009.00 43,550.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,000.0 200,431.3 341,987.5 3,330.0 1,600.0 29,836.8 34,086.4 387,844.3

ANTANAN MENANDA ON DESCRIPTION DE LA COMPANION	PROJECT INFORMATION	
Homestead North Filing No. 2 - For Plat Recordation	10/17/2023	SF2218
Project Name	Date	PCD File No.

Insert items not listed but part of construction plans    STORM DRAIN IMPROVEMENTS    Concrete Box Culvert (M Standard), Size ( W x H ) 18" Reinforced Concrete Pipe 24" Reinforced Concrete Pipe 36" Reinforced Concrete Pipe 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 36" Corrugated Steel Pipe 36" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 54" Corrugated Steel Pipe 60" Corrugated Steel Pipe 72" Corrugated Steel Pipe 73" Corrugated Steel Pipe 74" Corrugated Steel Pipe 75" Size 95" S	727 113 415 58	Units  LF	*****************	70.00 83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.01 600.00		** ** * * * * * * * * * * * * * * * * *	50,890.00 9,379.00 - 53,120.00 - 12,122.00 - - - - - - - - - - - - - - - - - -	% Complete  \$ 80.00%   \$ 80.00%   \$ \$ 80.00%   \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,17 1,87 10,62 2,42
Concrete Box Culvert (M Standard), Size ( W x H )  18" Reinforced Concrete Pipe  24" Reinforced Concrete Pipe  36" Reinforced Concrete Pipe  36" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  66" Reinforced Concrete Pipe  66" Reinforced Concrete Pipe  72" Reinforced Concrete Pipe  88" Corrugated Steel Pipe  24" Corrugated Steel Pipe  36" Corrugated Steel Pipe  36" Corrugated Steel Pipe  42" Corrugated Steel Pipe  66" Corrugated Steel Pipe  66" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  72" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  84" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  84" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  85" Corrugated Steel Pipe  86" Corrugated Steel Pipe  86" Corrugated Steel Pipe  87" Corrugated Steel Pipe  87" Corrugated Steel Pipe  88" Corrugated Steel Pipe  89" Corrugated Steel Pipe  80" Corrugated Ste	113 415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	9,379.00	\$0.00% \$ \$0.00% \$ \$0.00% \$ \$0.00% \$ \$ \$0.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,17 1,87 10,62 2,42
Concrete Box Culvert (M Standard), Size (W x H )  18" Reinforced Concrete Pipe  24" Reinforced Concrete Pipe  30" Reinforced Concrete Pipe  30" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  66" Reinforced Concrete Pipe  72" Reinforced Concrete Pipe  18" Corrugated Steel Pipe  24" Corrugated Steel Pipe  30" Corrugated Steel Pipe  30" Corrugated Steel Pipe  42" Corrugated Steel Pipe  54" Corrugated Steel Pipe  54" Corrugated Steel Pipe  66" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  Flared End Section (FES) RCP  Flared End Section (FES) CSP  Size = (unit cost = 6x pipe unit cost)  Flared End Section (FES) CSP  Size = (unit cost = 6x pipe unit cost)  End Treatment- Headwall  End Treatment- Wingwall  End Treatment- Cutoff Wall  Curb Inlet (Type R) L = 5', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 15'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 20', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 20', 5' ≤ Depth < 10'  Grated Inlet (Type R) L = 20', 5' ≤ Depth < 10'  Depth < 5'	113 415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	9,379.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,87 10,62 2,42
18" Reinforced Concrete Pipe 24" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 88" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 54" Corrugated Steel Pipe 54" Corrugated Steel Pipe 56" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 85" Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP (unit cost = 6x pipe unit	113 415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	9,379.00	80.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,87 10,62 2,42
24" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost = 6x pi	113 415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	9,379.00	80.00%	1,87 10,62 2,42
24" Reinforced Concrete Pipe 30" Reinforced Concrete Pipe 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost = 6x pi	113 415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	83.00 104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	9,379.00	80.00%	1,87 10,62 2,42
30" Reinforced Concrete Pipe 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 30" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" corrugated Steel Pipe 72" corrugated Steel Pipe 84" Corrugated Steel Pipe 72" corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe 12	415 58	LF L	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	104.00 128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 133.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		* * * * * * * * * * * * * * * * * * * *	53,120.00	\$0.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,62 2,42
36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 74" Corrugated Steel Pipe 75" Corrugated Steel Pipe 76" Corrugated Steel Pipe 77" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corr	58	LF L	*****************	128.00 171.00 209.00 272.00 319.00 368.00 421.00 90.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 492.00		* * * * * * * * * * * * * * * * * * * *	12,122.00	\$0.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,42
42" Reinforced Concrete Pipe 48" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 44" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 60" Corrugated Steel Pipe 73" Corrugated Steel Pipe 74" Corrugated Steel Pipe 75" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe Flared End Section (FES) RCP (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment - Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', Depth < 10' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5'	58	LF L	* * * * * * * * * * * * * * * * * * * *	171.00 209.00 272.00 319.00 368.00 421.00 90.00 133.00 157.00 180.00 190.00 278.00 300.00 364.00 492.00		* * * * * * * * * * * * * * * * * * * *	12,122.00	\$0.00% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,42
48" Reinforced Concrete Pipe 54" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 48" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 85 Size = (unit cost = 6x pipe unit cost) 86 Ind Treatment - Headwall 87 Ind Treatment - Cutoff Wall 88 Ind Treatment - Cutoff Wall 98 Ind Treatment - Cutoff Wall 99 Indie (Type R) L = 5', Depth < 5' 90 Curb Inlet (Type R) L = 10', Depth < 5' 90 Curb Inlet (Type R) L = 10', Depth < 5' 90 Curb Inlet (Type R) L = 10', Depth < 5' 90 Curb Inlet (Type R) L = 15', Depth < 10' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 15', Depth < 15' 90 Curb Inlet (Type R) L = 20', Depth < 10' 90 Curb Inlet (Type R) L = 20', Depth < 5' 90 Curb Inlet (Type R) L = 20', Depth < 5' 90 Depth < 5'		LF L	* * * * * * * * * * * * * * * * * * * *	209.00 272.00 319.00 368.00 421.00 90.00 103.00 131.00 157.00 180.00 278.00 300.00 364.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 48" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 854" Corrugated Steel Pipe 86" C		LF L	* * * * * * * * * * * * * * * * * * * *	272.00 319.00 368.00 421.00 90.00 103.00 131.00 157.00 180.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 48" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost) Flared End Section (FES) Size = (unit cost) Flared End Section (	1	LF L	* * * * * * * * * * * * * * * * * * * *	319.00 368.00 421.00 90.00 103.00 157.00 180.00 190.00 278.00 300.00 364.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) Flared End Section (FES) Size = (unit cost = &x pipe unit cost) Flared End Section (FES) Size = (unit cost = &x pipe unit cost) Flared End Section (FES) Size = (unit cost = &x pipe unit cost) Flared End Section (FES) Size = (unit cost = &x pipe unit cost) Flared End Section (FES) Size = (unit cost) Flared End Section (FES) Size = (unit cost) F	1	LF L	* * * * * * * * * * * * * * * * * * * *	368.00 421.00 90.00 103.00 131.00 157.00 180.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 30" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 48" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size	1	LF L	***	421.00 90.00 103.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 42" Corrugated Steel Pipe 44" Corrugated Steel Pipe 54" Corrugated Steel Pipe 60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 20', 5' ≤ Depth < 10' Grated Inlet (Type R) L = 20', 5' ≤ Depth < 10' Grated Inlet (Type R) L = 20', 5' ≤ Depth < 10' Grated Inlet (Type R) L = 20', 5' ≤ Depth < 5'	1	LF L	* * * * * * * * * * * * * * *	90.00 103.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
24" Corrugated Steel Pipe 30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 54" Corrugated Steel Pipe 60" Corrugated Steel Pipe 60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = &x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = &x pipe unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 10' Grated Inlet (Type R) L = 20', Depth < 10' Grated Inlet (Type R) L = 20', Depth < 5'	1	LF L	* * * * * * * * * * * * * *	103.00 131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
30" Corrugated Steel Pipe 36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 54" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 85" Cupi Corpe Indicost 86" Corpe Indicost 86" Corrugated Steel Pipe 8	1	LF	* * * * * * * * * * * *	131.00 157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
36" Corrugated Steel Pipe 42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 54" Corrugated Steel Pipe 56" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Ste	1	LF LF LF LF LF LF LF EA	* * * * * * * * *	157.00 180.00 190.00 278.00 300.00 364.00 428.00 492.00		\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
42" Corrugated Steel Pipe 48" Corrugated Steel Pipe 54" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Ste	1	LF LF LF LF LF LF EA EA	\$ \$ \$ \$ \$ \$ \$ \$	180.00 190.00 278.00 300.00 364.00 428.00 492.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12
48" Corrugated Steel Pipe 54" Corrugated Steel Pipe 60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost)  End Treatment Section (FES) CSP Size = (unit cost = 6x pipe unit cost)  End Treatment- Headwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5'	1	LF LF LF LF LF EA EA	\$ \$ \$ \$ \$ \$	190.00 278.00 300.00 364.00 428.00 492.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$	12
54" Corrugated Steel Pipe 60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 72" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)  End Treatment- Headwall End Treatment- Wingwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5'	1	LF LF LF LF LF EA	\$ \$ \$ \$ \$ \$	278.00 300.00 364.00 428.00 492.00	= = = = =	\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$	12
60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 78" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36  (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 15' Curb Inlet (Type R) L = 15', Depth < 15' Curb Inlet (Type R) L = 15', Depth < 15' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 15' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 10' Grated Inlet (Type R) L = 20', Depth < 5'	1	LF LF LF LF EA EA	\$ \$ \$ \$	300.00 364.00 428.00 492.00 492.01	= = = =	\$ \$ \$ \$	600.00	\$ \$ \$ \$ \$ \$	12
66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 85" Size = (unit cost = 6x pipe unit cost) 85" Size = (unit c	1	LF LF LF EA EA	\$ \$ \$	364.00 428.00 492.00 492.01	= = =		600.00	\$ \$ \$ \$ \$	12
72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36  (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) End Treatment- Headwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 15' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5'	1	LF LF EA EA	\$ \$ \$	428.00 492.00 492.01	= = =		600.00	\$ \$ \$ \$	12
78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = 36 (unit cost = & pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = & pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = & pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = & pipe unit cost) End Treatment - Headwall End Treatment - Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 5' Curb Inlet (Type R) L = 5', 5' S Depth < 10' Curb Inlet (Type R) L = 5', 10' S Depth < 15' Curb Inlet (Type R) L = 10', 5' S Depth < 10' Curb Inlet (Type R) L = 10', 10' S Depth < 15' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', 5' S Depth < 10' Curb Inlet (Type R) L = 15', 5' S Depth < 10' Curb Inlet (Type R) L = 15', 0' S Depth < 15' Curb Inlet (Type R) L = 15', 0' S Depth < 15' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 5'	1	LF LF EA EA	\$	492.00 492.01	=		600.00	\$ \$ \$	12
84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)  End Treatment - Headwall  End Treatment - Wingwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L = 5', Depth < 5'  Curb Inlet (Type R) L = 5', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', Depth < 5'  Curb Inlet (Type R) L = 10', Depth < 5'  Curb Inlet (Type R) L = 10', Depth < 10'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'	1	LF EA EA EA	\$	492.01	=		600.00	\$ \$	12
Flared End Section (FES) RCP   Size =   36   (unit cost = 6x pipe unit cost)    Flared End Section (FES) CSP   Size =   (unit cost = 6x pipe unit cost)    End Treatment- Headwall    End Treatment- Cutoff Wall    Curb Inlet (Type R) L = 5',   Depth < 5'    Curb Inlet (Type R) L = 5',   10' ≤ Depth < 10'    Curb Inlet (Type R) L = 10',   Depth < 5'    Curb Inlet (Type R) L = 10',   5' ≤ Depth < 10'    Curb Inlet (Type R) L = 10',   5' ≤ Depth < 10'    Curb Inlet (Type R) L = 10',   5' ≤ Depth < 10'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 15',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet (Type R) L = 20',   Depth < 5'    Curb Inlet	1	EA EA					600.00	\$ 0000	12
(unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)  End Treatment- Headwall End Treatment- Wingwall End Treatment- Cutoff Wall Curb Inlet (Type R) L = 5', Depth < 10' Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 15', Depth < 10' Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', Depth < 10' Grated Inlet (Type R) L = 20', Depth < 5'	1	EA EA	\$	600.00	=	\$	600.00	00.000/ 4	12
(unit cost = 6x pipe unit cost)  End Treatment - Headwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L = 5', Depth < 5'  Curb Inlet (Type R) L = 5', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', Depth < 5'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 10' ≤ Depth < 15'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'		EA					and the second property of the second second	80.00% \$	12
End Treatment- Headwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L = 5',		EA			=	\$	-	\$	
End Treatment - Wingwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L = 5', Depth < 5'  Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15'  Curb Inlet (Type R) L = 10', Depth < 5'  Curb Inlet (Type R) L = 10', Depth < 5'  Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', Depth < 5'  Curb Inlet (Type R) L = 15', 10' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'  Curb Inlet (Type R) L = 20', Depth < 5'					=				
End Treatment - Cutoff Wall  Curb Inlet (Type R) L=5', Depth < 5'  Curb Inlet (Type R) L =5', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', Depth < 5'  Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', 10' ≤ Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =15', 0' ≤ Depth < 10'  Curb Inlet (Type R) L =15', 0' ≤ Depth < 10'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'					=	3		3	
Curb Inlet (Type R) L=5', Depth < 5' Curb Inlet (Type R) L=5', 5' ≤ Depth < 10' Curb Inlet (Type R) L =5', 10' ≤ Depth < 15' Curb Inlet (Type R) L =10', Depth < 5' Curb Inlet (Type R) L =10', 5' ≤ Depth < 10' Curb Inlet (Type R) L =10', 10' ≤ Depth < 15' Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', 5' ≤ Depth < 10' Curb Inlet (Type R) L =15', 10' ≤ Depth < 15' Curb Inlet (Type R) L =15', 10' ≤ Depth < 15' Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', Depth < 5'		EA				3		3	
Curb Inlet (Type R) L=5', $5' \le Depth < 10'$ Curb Inlet (Type R) L =5', $10' \le Depth < 15'$ Curb Inlet (Type R) L =10', $5' \le Depth < 10'$ Curb Inlet (Type R) L =10', $5' \le Depth < 10'$ Curb Inlet (Type R) L =10', $10' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 5'$ Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 10'$ Curb Inlet (Type R) L =20', $10' \le Depth < 10'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$			0 0	129.00		3		\$	
Curb Inlet (Type R) L =5', $10' \le Depth < 15'$ Curb Inlet (Type R) L =10', $5' \le Depth < 5'$ Curb Inlet (Type R) L =10', $5' \le Depth < 10'$ Curb Inlet (Type R) L =10', $10' \le Depth < 15'$ Curb Inlet (Type R) L =15', $10' \le Depth < 5'$ Curb Inlet (Type R) L =15', $10' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 10'$ Curb Inlet (Type R) L =20', $10' \le Depth < 10'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type R) L =20', $10' \le Depth < 5'$ Curb Inlet (Type C), $10' \le Depth < 5'$		EA EA	Decided to favoring the	5,138.00	=	3		3	
Curb Inlet (Type R) L =10', Depth < 5' Curb Inlet (Type R) L =10', $5' \le Depth < 10'$ Curb Inlet (Type R) L =10', $10' \le Depth < 15'$ Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 10'$ Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', $10' \le Depth < 10'$ Grated Inlet (Type R) L =20', Depth < 5' Depth < 5'		EA	- meannana an	7,981.00	=	,		1	
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', 10' ≤ Depth < 10'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'  Curb Inlet (Type R) L =20', Depth < 5'			15 none of automore	3,242.00	=	3		\$	
Curb Inlet (Type R) L =10', $10' \le Depth < 15'$ Curb Inlet (Type R) L =15', $Depth < 5'$ Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 15'$ Curb Inlet (Type R) L =20', $Depth < 5'$ Curb Inlet (Type R) L =20', $5' \le Depth < 10'$ Grated Inlet (Type C), $Depth < 5'$		EA		3,447.00	=	3	0.706.00	\$	
Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 15'$ Curb Inlet (Type R) L =20', Depth < 5' Curb Inlet (Type R) L =20', $5' \le Depth < 10'$ Grated Inlet (Type C), Depth < 5'	1	EA		3,706.00	=	3	8,706.00	80.00% \$	1,74
Curb Inlet (Type R) L =15', $5' \le Depth < 10'$ Curb Inlet (Type R) L =15', $10' \le Depth < 15'$ Curb Inlet (Type R) L =20', $Depth < 5'$ Curb Inlet (Type R) L =20', $Depth < 10'$ Grated Inlet (Type C), $Depth < 5'$		EA	1 Southern Common	0,898.00	=	\$		\$	
Curb Inlet (Type R) L =15',       10' ≤ Depth < 15'		EA	Definition of each spike that the Au-	0,984.00	=	\$		\$	
Curb Inlet (Type R) L =20',       Depth < 5'	7	EA		,775.00	=	\$	82,425.00	80.00% \$	16,48
Curb Inlet (Type R) L =20',         5' ≤ Depth < 10'		EA		2,876.00	=	\$		\$	
Grated Inlet (Type C), Depth < 5'		EA	the production of the party of the	,706.00	=	\$		\$	
		EA	to 4 mag 42 down stops	2,920.00	=	\$		\$	
Grated Inlet (Type D), Depth < 5'	3	EA	I servery was a	,138.00	=	\$	15,414.00	80.00% \$	3,08
		EA	- 011000-W110-0-	3,347.00	=	\$		\$	
Storm Sewer Manhole, Box Base	4	EA	Company to Ch.	2,876.00	=	\$	51,504.00	80.00% \$	10,300
Storm Sewer Manhole, Slab Base	5	EA	ANTANAS ANTANAS	,082.00	=	\$	35,410.00	80.00% \$	7,082
Geotextile (Erosion Control)		SY	\$	7.00	=	\$	-	\$	
Rip Rap, d50 size from 6" to 24"		Tons	\$	89.00	=	\$	-	\$	
Rip Rap, Grouted		Tons	\$	105.00	=	\$	-	\$	
Drainage Channel Construction, Size (W x H)		LF			=	\$	-	\$	
Drainage Channel Lining, Concrete		CY	\$	631.00	=	\$	-	\$	
Drainage Channel Lining, Rip Rap		CY	\$	124.00	=	\$	-	\$	
Drainage Channel Lining, Grass		AC	\$	1,626.00	=	\$	-	\$	
Drainage Channel Lining, Other Stabilization					=	\$	-	\$	
					=	\$	-	\$	
[insert items not listed but part of construction plans]					=	\$		\$	
Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)								7	

	PROJECT INFORMATION	
Homestead North Filing No. 2 - For Plat Recordation	10/17/2023	SF2218
Project Name	Date	PCD File No.

				Unit				(with Pre-Pl	at Construction)
Description	Quantity	Units		Cost			Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMP	<b>ROVEMENTS</b> (Priv	ate or D	istri	ct and NOT	Mainta	ined b	y EPC)**		THE RESIDENCE OF THE PROPERTY OF THE PARTY O
ROADWAY IMPROVEMENTS									
					=	\$	-	\$	-
					=	\$	-	\$	-
					=	\$	-	\$	
					=	\$		\$	-
					=	\$	-	\$	
Assume the contract of the second of the sec					=	\$		\$	
	eption: Permanent Pond				ection 1)			erane was unknowned to	
18" Reinforced Concrete Pipe	548	LF	\$	70.00	=	\$	38,360.00	\$	38,360.00
48" Reinforced Concrete Pipe	58	LF	\$	209.00	=	\$	12,122.00	100.00% \$	
24" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = 24"	104	LF	\$	103.00	=	\$	10,712.00	100.00% \$	
(unit cost = 6x pipe unit cost)	1	EA	\$	618.00	=	\$	618.00	100.00% \$	14
Drainage Channel Lining, Rip Rap 12" depth	111	CY	\$	124.00	=	\$	13,764.00	100.00% \$	
Rip Rap, d50 size from 6" to 24"	7	CY	\$	124.00	=	\$	868.00	100.00% \$	
Grated Inlet (Type C), Depth < 5'	2	EA	\$	5,138.00	=	\$	10,276.00	\$	10,276.00
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"	4,267	LF	\$	71.00	=	\$	302,935.70	100.00% \$	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	83.00	=	\$		100.00% \$	
Gate Valves, 8"	7	EA	\$	2,058.00	=	\$	14,406.00	100.00% \$	
Fire Hydrant Assembly, w/ all valves (3 valves	/FH) 10	EA	\$	7,306.00	=	\$	73,060.00	100.00% \$	
Water Service Line Installation, inc. tap and valves	74	EA	\$	1,466.00	=	\$	108,484.00	100.00% \$	-
Fire Cistern Installation, complete		EA			=	\$	-	\$	-
					=	\$	-	\$	-
[insert items not listed but part of construction plans]					=	\$	-	\$	4
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"	2,778	LF	\$	71.00	=	\$	197,234.45	100.00% \$	-
Sanitary Sewer Manhole, Depth < 15 feet	14	EA	\$	4,858.00	=	\$	68,012.00	100.00% \$	
Sanitary Service Line Installation, complete	74	EA	\$	1,553.00	=	\$	114,922.00	100.00% \$	-
Sanitary Sewer Lift Station, complete		EA			=	\$		\$	-
					=	\$		\$	-
[insert items not listed but part of construction plans]					=	\$		\$	
LANDSCAPING IMPROVEMENTS	(For subdivision spec	cific conditio	on of a	approval, or PUE	O)				
Landscaping Improvments	1	EA	\$	150,000.00	=	\$	150,000.00	\$	150,000.00
		EA			=	\$		\$	
		EA			=	\$		\$	*
		EA			=	\$	-	\$	
		EA			=	\$		\$	
** - Section 3 is not subject to defect warranty requirements		Sec	tion	3 Subtotal	=	\$	1,115,774.15	\$	198,636.00

	PROJECT INFORMATION	
Homestead North Filing No. 2 - For Plat Recordation	10/17/2023	SF2218
Project Name	Date	PCD File No.

			Unit			(with Pre-Pla	t Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent		LS	\$ 10,000.00	=	\$ 10,000.00	\$	10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume	calculations)	LS	\$ 10,000.00	=	\$ 10,000.00	\$	10,000.00

Total Construction Financial Assurance \$ 3,175,882.13

with the Project.

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

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,490,097.98

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

Total Defect Warranty Financial Assurance \$

(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

Approved by Owner / Applicant

15-18-27 Date

Date

Approved

Ap

Gilbert LaForce, P.E.

**Engineering Manager** Date: 10/24/2023 10:17:48 AM

El Paso County Department of Public Works