## 2021 Financial Assurance Estimate Form

(with pre-plat construction) Updated: 12/22/2020

	PROJECT INFORMATION	
Vollmer Road	11/18/2021	CDR-20-005
Project Name	Date	PCD File No.

				Unit					Plat C	onstruction)
escription	Quantity	Units		Cost			Total	% Complete		Remaining
ECTION 1 - GRADING AND EROSION CONTRO	L (Construction	and Perma	nent	BMPs)						
* Earthwork										
less than 1,000; \$5,300 min		CY	\$	8.00	=	\$	-		\$	-
1,000-5,000; \$8,000 min		CY	\$	6.00	=	\$	-		\$	-
5,001-20,000; \$30,000 min		CY	\$	5.00	=	\$	-		\$	-
20,001-50,000; \$100,000 min	25,220	CY	\$	3.50	=	\$	100,000.00	25.00%	\$	75,000.0
50,001-200,000; \$175,000 min		CY	\$	2.50	=	\$	-		\$	-
greater than 200,000; \$500,000 min		CY	\$	2.00	=	\$	-		\$	-
* Permanent Seeding (inc. noxious weed mgmnt.)	2	AC	\$	828.00	=	\$	1,656.00		\$	1,656.0
* Mulching	2	AC	\$	777.00	=	\$	1,554.00		\$	1,554.0
* Permanent Erosion Control Blanket		SY	\$	6.00	=	\$	-		\$	-
* Permanent Pond/BMP Construction		CY	\$	21.00	=	\$	-		\$	-
* Permanent Pond/BMP (provide engineer's estimate)		EA			=	\$	-		\$	-
,,		EA			=	\$	-		\$	-
Safety Fence		LF	\$	3.00	=	\$	-		\$	-
Temporary Erosion Control Blanket		SY	\$	3.00	=	\$	-		\$	-
Vehicle Tracking Control	2	EA	\$	2,453.00	=	\$	4,906.00		\$	4,906.0
Silt Fence	2,633	LF	\$	2,433.60		\$	6,845.80		\$	6,845.8
	2,033	AC	\$	650.00		\$	650.00		\$	650.0
Temporary Seeding Temporary Mulch	1	AC	\$	777.00		\$	777.00		\$	777.0
. ,	12		-			\$			\$	
Erosion Bales	12	EA LF	\$	26.00	=		312.00		\$	312.
Erosion Logs/Straw Waddle			\$	5.00	=	\$				
Rock Check Dams		EA	\$	518.00	=	\$	-		\$	-
Inlet Protection	4	EA	\$	173.00	=	\$	692.00		\$	692.
Sediment Basin		EA	\$	1,824.00	=	\$	-		\$	-
Concrete Washout Basin	1	EA	\$	932.00	=	\$	932.00		\$	932.0
Temp. Sediment Basin	1	EA	\$	8,000.00	=	\$	8,000.00		\$	8,000.0
[insert items not listed but part of construction plans]					=	\$	-		\$	
M	AINTENANCE (35	5% of Cons	truct	ion BMPs)	=	\$	8,090.18		\$	8,090.
Subject to defect warranty financial assurance. A minimum of 20% shall be		Soot	ion 1	1 Cubtotal	_		124 414 00			100 414 0
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *		Sect	ion ′	1 Subtotal	=	\$	134,414.98		\$	109,414.98
Subject to defect warranty financial assurance. A minimum of 20% shall be ained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Sect	ion ′	1 Subtotal	=	\$	134,414.98		\$	109,414.9
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS	1	Sect	ion '	1 Subtotal	=	\$	20,000.00		\$	•
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS  Construction Traffic Control	1						•			
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)	3,580	LS	\$	20,000.00	=	\$	•		\$	20,000.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS *  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)		LS Tons	\$	20,000.00	=	\$ \$	20,000.00		\$	20,000.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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)		LS Tons CY	\$ \$ \$	20,000.00 29.00 52.00	=	\$ \$	20,000.00		\$ \$ \$	20,000.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  ADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)		LS Tons CY SY	\$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00	=	\$ \$ \$ \$	20,000.00		\$ \$ \$ \$	20,000. - 186,160. -
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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)	3,580	LS Tons CY SY	\$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50	=	\$ \$ \$ \$	20,000.00 - 186,160.00 -		\$ \$ \$	20,000. - 186,160. -
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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)	3,580	LS Tons CY SY SY SY Tons	\$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00	= =	\$ \$ \$ \$ \$	20,000.00 - 186,160.00 -		\$ \$ \$ \$ \$ \$ \$	20,000.0 - 186,160.0 -
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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 (14T lbs/cf)" thick  Raised Median, Paved	3,580 (16,340)	LS Tons CY SY SY SY Tons SF	\$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30	= = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 -		\$ \$ \$ \$ \$ \$ \$ \$	20,000.1 - 186,160.1 - - 490,200.1 -
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)  Raised Median, Paved  Regulatory Sign/Advisory Sign	3,580 (16,340)	LS Tons CY SY SY SY Tons SF EA	\$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 - - 2,799.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. - 186,160. - - 490,200. - - 2,799.
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)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign	3,580 (16,340)	LS Tons CY SY SY SY Tons SF EA EA	\$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00	= = = = =	\$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. - 186,160. - - 490,200. - - 2,799.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking	3,580 (16,340)	LS Tons CY SY SY SY Tons SF EA EA SF	\$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00 14.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - 490,200.00 - 2,799.00 1,200.00		\$ \$ \$ \$ \$ \$ \$ \$	20,000. 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking	3,580 16,340 9 4	LS Tons CY SY SY SY Tons SF EA EA SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00 14.00 24.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 - 2,799.00 1,200.00		* * * * * * * * * *	20,000.0 - 186,160.1 - - 490,200.0 - - 2,799.0 1,200.0
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  DADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3	3,580 (16,340)	LS Tons CY SY SY SY Tons SF EA SF SF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 14.00 24.00 207.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - 490,200.00 - 2,799.00 1,200.00		* * * * * * * * * * *	20,000.0 - 186,160.1 - - 490,200.0 - - 2,799.0 1,200.0
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)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type I	3,580 16,340 9 4	LS Tons CY SY SY Tons SF EA EA SF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00 14.00 24.00 207.00 25.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 - - 2,799.00 1,200.00 - - - 207.00		* * * * * * * * * * * * * * * * * * * *	20,000.0 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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 (147 lbs/cf)" thick Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign Epoxy Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)	3,580 16,340 9 4	LS Tons CY SY SY Tons SF EA EA SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00 14.00 24.00 207.00 25.00 31.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 - 186,160.00 - - 490,200.00 - - 2,799.00 1,200.00 - - 207.00 - 110,608.00		* * * * * * * * * * * * * * * * * * * *	20,000 186,160 490,200 2,799. 1,200 207 110,608.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" 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)	3,580 16,340 9 4	LS Tons CY SY SY SY Tons SF EA EA SF EA LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 300.00 14.00 24.00 207.00 31.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		* * * * * * * * * * * * * * * * * * * *	20,000. 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  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)	3,580 16,340 9 4	LS Tons CY SY SY SY Tons SF EA EA LF LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 207.00 31.00 31.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		* * * * * * * * * * * * * * * * * * * *	20,000. 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARRIFIC CONTROL  Aggregate Base Course (135 lbs/cf)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type 1  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)	3,580 16,340 9 4	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 31.00 24.00 207.00 25.00 31.00 31.00 31.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000 186,160 490,200 2,799. 1,200 110,608
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROI  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 (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 31.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000 186,160 490,200 2,799. 1,200 110,608
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type C (Ramp)  4" Sidewalk  6" Sidewalk	3,580 16,340 9 4	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00 75.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00 62,250.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 31.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. 
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  CONTON 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk  5" Sidewalk  8" Sidewalk	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00 75.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00 62,250.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. 186,160. 490,200. 2,799. 1,200. 207. 2110,608.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  CONTON 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  8" Sidewalk  8" Sidewalk  Pedestrian Ramp	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY SF EA SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 207.00 25.00 31.00 31.00 31.00 50.00 62.00 75.00 99.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00 62,250.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  CONTON 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only) 5" Sidewalk B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY SF EA LF LF LF SY SY SY SY SY SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 8.30 311.00 300.00 14.00 207.00 25.00 31.00 31.00 50.00 62.00 75.00 99.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00 62,250.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROL  Aggregate Base Course (135 lbs/cf)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type 1  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  6" Sidewalk  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY SY LF SY SY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 99.00 14.00 24.00 207.00 31.00 31.00 31.00 31.00 31.00 31.00 31.00 62.00 99.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. 186,160. 490,200. 2,799. 1,200. 207. 110,608.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  6" Sidewalk  8" Sidewalk  8" Sidewalk  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF LF LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 311.00 24.00 25.00 31.00 31.00 31.00 50.00 62.00 75.00 1,190.00 63.00 95.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TRAFFIC CONTROI  Aggregate Base Course (135 lbs/cf)  Asgregate Base Course (135 lbs/cf)  Asphalt Pavement (3" thick)  Asphalt Pavement (4" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (6" thick)  Asphalt Pavement (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  6" Sidewalk  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY SY LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 311.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00 75.00 99.00 1,190.00 63.00 95.00 1,532.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000. 186,160. 490,200. 2,799. 1,200. 207. 110,608.
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARIFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raissed Median, Paved  Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I  Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Crors Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 300.00 14.00 24.00 207.00 25.00 31.00 50.00 62.00 75.00 99.00 1,190.00 63.00 95.00 1,532.00 51.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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 (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type I  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  6" Sidewalk  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8" wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail End Anchorage	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 207.00 25.00 31.00 31.00 50.00 62.00 75.00 99.00 1,190.00 63.00 95.00 1,532.00 51.00 75.00 2,172.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00 62,250.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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 (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 8.30 311.00 300.00 14.00 24.00 207.00 31.00 31.00 31.00 50.00 62.00 62.00 99.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 1,190.00 63.00 95.00 1,190.00 1,1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000
Subject to defect warranty financial assurance. A minimum of 20% shall be ined 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 (147 lbs/cf)" thick  Raised Median, Paved  Regulatory Sign/Advisory Sign  Guide/Street Name Sign  Epoxy Pavement Marking  Thermoplastic Pavement Marking  Barricade - Type 3  Delineator - Type 1  Curb and Gutter, Type A (6" Vertical)  Curb and Gutter, Type B (Median)  Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only)  5" Sidewalk  8" Sidewalk  Pedestrian Ramp  Cross Pan, local (8" thick, 6' wide to include return)  Cross Pan, collector (9" thick, 8' wide to include return)  Curb Chase  Guardrail Type 3 (W-Beam)  Guardrail Type 7 (Concrete)  Guardrail Impact Attenuator  Sound Barrier Fence (CMU block, 6' high)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF LF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 91.00 8.30 311.00 24.00 25.00 31.00 31.00 31.00 50.00 62.00 75.00 99.00 1,190.00 63.00 95.00 1,532.00 51.00 2,172.00 3,899.00 81.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.0 - 186,160.0 - 490,200.0 - 2,799.0 - 1,200.0 - 207.0 - 110,608.0 62,250.0
Subject to defect warranty financial assurance. A minimum of 20% shall be ined until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  ECTION 2 - PUBLIC IMPROVEMENTS  CONSTRUCTION TARIFIC CONTROI Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raissed Median, Paved  Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I  Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)  4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Crors Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	3,580 16,340 9 4 1 3,568	LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 29.00 52.00 14.50 20.00 30.00 8.30 311.00 300.00 14.00 24.00 207.00 31.00 31.00 31.00 50.00 62.00 62.00 99.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 63.00 95.00 1,190.00 1,190.00 63.00 95.00 1,190.00 1,1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.00 186,160.00 490,200.00 2,799.00 1,200.00 207.00 110,608.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20,000.0 - 186,160.0 - 490,200.0 - 2,799.0 1,200.0 - 207.0 - 60,250.0

PROJECT INFORMATION							
Vollmer Road	11/18/2021	CDR-20-005					
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   30" Reinforced Concrete Pipe   36" Reinforced Concrete Pipe   42" Reinforced Concrete Pipe   42" Reinforced Concrete Pipe   48" Reinforced Concrete Pipe   60" Reinforced Concrete Pipe   66" Reinforced Concrete Pipe   72" Reinforced Concrete Pipe   72" Reinforced Concrete Pipe   72" Reinforced Concrete Pipe   73" Corrugated Steel Pipe   74" Corrugated Steel Pipe   74" Corrugated Steel Pipe   75" Size =	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	67.00 81.00 100.00 124.00 166.00 202.00 254.00 393.00 87.00 99.00 126.00 152.00 174.00 269.00 290.00 352.00 414.00 569.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Concrete Box Culvert (M Standard), Size (W x H )  18" Reinforced Concrete Pipe  24" Reinforced Concrete Pipe  30" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  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  30" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  54" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  54" Corrugated Steel Pipe  72" Corrugated Steel Pipe  72" Corrugated Steel Pipe  73" Corrugated Steel Pipe  74" Corrugated Steel Pipe  75" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  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  Curb Inlet (Type R) L=5', Depth < 5'  Curb Inlet (Type R) L=5', 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 < 5'  Curb Inlet (Type R) L =10', 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 =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 =15', Depth < 5'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81.00 100.00 124.00 166.00 202.00 254.00 298.00 344.00 393.00 87.00 126.00 152.00 174.00 184.00 269.00 290.00 400.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Concrete Box Culvert (M Standard), Size (W x H )  18" Reinforced Concrete Pipe  24" Reinforced Concrete Pipe  30" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  60" Reinforced Concrete Pipe  60" 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  48" Corrugated Steel Pipe  66" Corrugated Steel Pipe  54" Corrugated Steel Pipe  66" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  73" Corrugated Steel Pipe  74" Corrugated Steel Pipe  75" Corrugated Steel Pipe  76" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  85 Expert Note Note Note Note Note Note Note Not	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81.00 100.00 124.00 166.00 202.00 254.00 298.00 344.00 393.00 87.00 126.00 152.00 174.00 184.00 269.00 290.00 400.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
18" Reinforced Concrete Pipe  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  72" Reinforced Concrete Pipe  81" Corrugated Steel Pipe  30" Corrugated Steel Pipe  30" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  45" Corrugated Steel Pipe  60" Corrugated Steel Pipe  54" Corrugated Steel Pipe  54" Corrugated Steel Pipe  60" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  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- Headwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- (utoff Wall  Curb Inlet (Type R) L =5', 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 < 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 =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 =15', Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81.00 100.00 124.00 166.00 202.00 254.00 298.00 344.00 393.00 87.00 126.00 152.00 174.00 184.00 269.00 290.00 400.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
24" Reinforced Concrete Pipe  30" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  60" 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  30" Corrugated Steel Pipe  42" Corrugated Steel Pipe  48" Corrugated Steel Pipe  60" Corrugated Steel Pipe  74" Corrugated Steel Pipe  60" Corrugated Steel Pipe  75" Corrugated Steel Pipe  60" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  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)  End Treatment- Headwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- Wingwall  End Treatment- Vingwall  Curb Inlet (Type R) L =5', 5' ≤ 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 < 5'  Curb Inlet (Type R) L =10', 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 =15', Depth < 5'  Curb Inlet (Type R) L =15', Septh < 10'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', Septh < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	81.00 100.00 124.00 166.00 202.00 254.00 298.00 344.00 393.00 87.00 126.00 152.00 174.00 184.00 269.00 290.00 400.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
30" Reinforced Concrete Pipe  36" Reinforced Concrete Pipe  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  30" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  60" Corrugated Steel Pipe  60" Corrugated Steel Pipe  72" Corrugated Steel Pipe  60" Corrugated Steel Pipe  60" Corrugated Steel Pipe  72" 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)  Flared End Section (FES) CSP Size = (unit cost - 6x pipe unit cost)  End Treatment- Wingwall  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', 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 < 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 =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 =15', Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	100.00 124.00 166.00 202.00 254.00 298.00 344.00 87.00 99.00 126.00 174.00 184.00 269.00 290.00 352.00 414.00 476.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
36" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  60" Reinforced Concrete Pipe  60" 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  42" Corrugated Steel Pipe  48" Corrugated Steel Pipe  60" Corrugated Steel Pipe  60" Corrugated Steel Pipe  72" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" 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)  Flaret 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', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', 5' ≤ 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 =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 =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 < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	124.00 166.00 202.00 254.00 298.00 344.00 393.00 87.00 99.00 126.00 174.00 184.00 269.00 290.00 352.00 414.00 476.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
36" Reinforced Concrete Pipe  42" Reinforced Concrete Pipe  48" Reinforced Concrete Pipe  54" Reinforced Concrete Pipe  60" Reinforced Concrete Pipe  60" 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  42" Corrugated Steel Pipe  48" Corrugated Steel Pipe  60" Corrugated Steel Pipe  60" Corrugated Steel Pipe  72" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" 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)  Flaret 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', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', 5' ≤ 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 =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 =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 < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	166.00 202.00 254.00 298.00 344.00 393.00 87.00 99.00 126.00 152.00 174.00 269.00 290.00 352.00 414.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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  30" 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  84" Corrugated Steel Pipe  72" Corrugated Steel Pipe  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)  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	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	166.00 202.00 254.00 298.00 344.00 393.00 87.00 99.00 126.00 152.00 174.00 269.00 290.00 352.00 414.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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 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 84" 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 85" Corrugated Steel Pipe 86" Corrugated Steel Pipe 86" Corrugated Steel Pipe 87" Corrugated Steel Pipe 86" Corrugated Steel Pipe 87" Corrugated Steel Pipe 88" Corrugated Steel Pipe 89" Corrugated End Section (FES) RCP Size = (unit cost = 6x pipe unit cost) 80" Corrugated Steel Pipe 80"	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	202.00 254.00 298.00 344.00 393.00 87.00 99.00 126.00 152.00 174.00 184.00 269.00 352.00 414.00 476.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
54" Reinforced Concrete Pipe 60" Reinforced Concrete Pipe 66" Reinforced Concrete Pipe 72" 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 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 66" Corrugated Steel Pipe 72" 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 Flared End Section (FES) RCP 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 Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flared Independent Section (FES) CSP Size = (unit cost = 6x pipe unit cost) Flar	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	254.00 298.00 344.00 393.00 87.00 99.00 126.00 152.00 174.00 184.00 269.00 290.00 414.00 476.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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 60" Corrugated Steel Pipe 60" 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 78" Corrugated Steel Pipe 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 < 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 =10', 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 =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'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	298.00 344.00 393.00 87.00 99.00 126.00 152.00 174.00 184.00 269.00 290.00 414.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
66" Reinforced Concrete Pipe 72" Reinforced Concrete Pipe 18" Corrugated Steel Pipe 24" Corrugated Steel Pipe 36" 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 72" Corrugated Steel Pipe 72" 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) 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 < 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 =10', Depth < 5' Curb Inlet (Type R) L =10', 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'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	344.00 393.00 87.00 99.00 126.00 152.00 174.00 184.00 299.00 290.00 352.00 414.00 476.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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  48" Corrugated Steel Pipe  60" Corrugated Steel Pipe  60" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  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 =10', Depth < 5'  Curb Inlet (Type R) L =10', Depth < 10'  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 < 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 =15', S' ≤ Depth < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	393.00 87.00 99.00 126.00 152.00 174.00 184.00 269.00 290.00 352.00 414.00 476.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
18" Corrugated Steel Pipe  24" Corrugated Steel Pipe  30" Corrugated Steel Pipe  36" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  42" Corrugated Steel Pipe  54" Corrugated Steel Pipe  60" Corrugated Steel Pipe  66" Corrugated Steel Pipe  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 = (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 < 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', 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 =15', Depth < 5'  Curb Inlet (Type R) L =15', S' ≤ Depth < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	87.00 99.00 126.00 152.00 174.00 184.00 269.00 290.00 352.00 414.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	
24" Corrugated Steel Pipe  30" Corrugated Steel Pipe  36" Corrugated Steel Pipe  42" Corrugated Steel Pipe  48" 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  84" Corrugated Steel Pipe  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)  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 < 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', 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 = 15', Depth < 5'  Curb Inlet (Type R) L = 15', S' ≤ Depth < 10'	LF L	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	99.00 126.00 152.00 174.00 184.00 269.00 290.00 352.00 414.00	= = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
30" Corrugated Steel Pipe  36" Corrugated Steel Pipe  42" Corrugated Steel Pipe  48" Corrugated Steel Pipe  60" Corrugated Steel Pipe  66" Corrugated Steel Pipe  66" Corrugated Steel Pipe  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 = (unit cost) 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) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (un	LF L	\$ \$ \$ \$ \$ \$ \$	126.00 152.00 174.00 184.00 269.00 290.00 352.00 414.00	= = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$	
36" Corrugated Steel Pipe  42" Corrugated Steel Pipe  48" Corrugated Steel Pipe  54" Corrugated Steel Pipe  60" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  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)  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) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Flared End Section (FES) CSP Size = (unit cost)  Fla	LF	\$ \$ \$ \$ \$ \$ \$	152.00 174.00 184.00 269.00 290.00 352.00 414.00 476.00	= = = = = = = = =	\$ \$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$	
42" Corrugated Steel Pipe  48" 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  84" Corrugated Steel Pipe  84" 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)  Flared End Section (FES) CSP  Size = (unit cost = 6x pipe unit cost)  End Treatment- Headwall  End Treatment- Wingwall  End Treatment- Wingwall  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', 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', 5' ≤ Depth < 10'	LF LF LF LF LF LF LF LF LF	\$ \$ \$ \$ \$ \$	174.00 184.00 269.00 290.00 352.00 414.00 476.00	= = = = = = = =	\$ \$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$	
48" 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 84" Corrugated Steel Pipe 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- Vingwall 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', 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 = 10', Depth < 5' Curb Inlet (Type R) L = 10', 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', S' ≤ Depth < 10'	LF LF LF LF LF LF	\$ \$ \$ \$ \$	184.00 269.00 290.00 352.00 414.00 476.00	= = = = = = =	\$ \$ \$ \$ \$	- - - - -	\$ \$ \$ \$	
54" Corrugated Steel Pipe  60" Corrugated Steel Pipe  66" Corrugated Steel Pipe  72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" 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)  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', 5' ≤ Depth < 10'  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 < 5'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', S' ≤ Depth < 10'	LF LF LF LF LF	\$ \$ \$ \$	269.00 290.00 352.00 414.00 476.00	= = = = = =	\$ \$ \$ \$	- - - -	\$ \$ \$	
60" Corrugated Steel Pipe 66" Corrugated Steel Pipe 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 = (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', 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', 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', S' ≤ Depth < 10'	LF LF LF LF	\$ \$ \$ \$	290.00 352.00 414.00 476.00	= = = = =	\$ \$ \$ \$	- - - -	\$ \$ \$	
66" Corrugated Steel Pipe 72" Corrugated Steel Pipe 78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 84" Corrugated Steel Pipe Flared End Section (FES) RCP Size = (unit cost) Flared End Section (FES) CSP Size = (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', 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', 10' ≤ Depth < 15' Curb Inlet (Type R) L=10', 10' ≤ Depth < 15' Curb Inlet (Type R) L=10', Depth < 5' Curb Inlet (Type R) L=15', Depth < 5'	LF LF LF EA	\$ \$ \$	352.00 414.00 476.00	= = =	\$ \$ \$	- - -	\$	
72" Corrugated Steel Pipe  78" Corrugated Steel Pipe  84" Corrugated Steel Pipe  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)  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', 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', 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'	LF LF LF EA	\$	414.00 476.00	= =	\$		\$	
78" Corrugated Steel Pipe 84" Corrugated Steel Pipe 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', 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 < 5'  Curb Inlet (Type R) L =10', 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', 5' ≤ Depth < 10'	LF LF EA	\$	476.00	= =	\$	-		
84" Corrugated Steel Pipe Flared End Section (FES) RCP Gunt cost = 6x pipe unit cost) Flared End Section (FES) CSP Gunt 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', 5' $\leq$ Depth < 10' Curb Inlet (Type R) L =5', 10' $\leq$ 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', $\leq$ Depth < 10' Curb Inlet (Type R) L =10', $\leq$ Depth < 10' Curb Inlet (Type R) L =10', $\leq$ Depth < 5' Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', Depth < 5' Curb Inlet (Type R) L =15', $\leq$ Depth < 5' Curb Inlet (Type R) L =15', $\leq$ Depth < 10'	LF EA			=			d	
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', 5' ≤ Depth < 10'  Curb Inlet (Type R) L = 10', Depth < 5'  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', 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'	EA	\$	569.00		\$		P	
(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', 5' ≤ Depth < 10'  Curb Inlet (Type R) L =10', Depth < 5'  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 =10', 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'						-	\$	
(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 < 15'  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 < 15'  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', 5' ≤ Depth < 10'				=	\$	-	\$	
End Treatment- Headwall  End Treatment- Wingwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L=5', Depth < 5'  Curb Inlet (Type R) L =5', 5' $\leq$ 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' $\leq$ Depth < 10'  Curb Inlet (Type R) L = 10', 10' $\leq$ 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', S' $\leq$ Depth < 10'	EA			=	\$	-	\$	
End Treatment- Wingwall  End Treatment - Cutoff Wall  Curb Inlet (Type R) L=5', Depth < 5'  Curb Inlet (Type R) L=5', $5' \le \text{Depth} < 10'$ Curb Inlet (Type R) L =5', $10' \le \text{Depth} < 15'$ Curb Inlet (Type R) L =10', Depth < 5'  Curb Inlet (Type R) L =10', $5' \le \text{Depth} < 10'$ Curb Inlet (Type R) L =10', $10' \le \text{Depth} < 15'$ Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'  Curb Inlet (Type R) L =15', Depth < 5'	EA			=	\$		\$	
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 =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', Depth < 5'  Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	EA				\$		\$	
Curb Inlet (Type R) L=5', Depth < 5' 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', 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', Depth < 5' Curb Inlet (Type R) L =15', $5' \le Depth < 10'$	EA				\$		\$	
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', $Depth < 5'$ 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', $Depth < 5'$ Curb Inlet (Type R) L =15', $S' \le Depth < 10'$	EA	•	F 720 00		\$		\$	
Curb Inlet (Type R) L =5', $10' \le Depth < 15'$ 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', $5' \le Depth < 10'$		\$	5,736.00					
Curb Inlet (Type R) L =10',       Depth < 5'	EA	_	7,440.00		\$		\$	
Curb Inlet (Type R) L =10',       5' ≤ Depth < 10'	EA	\$	8,637.00	=	\$	-	\$	
Curb Inlet (Type R) L =10',       10' ≤ Depth < 15'	EA	\$	7,894.00	=	\$	-	\$	
Curb Inlet (Type R) L =15',	EA	\$	8,136.00	=	\$	-	\$	
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	EA	\$	10,185.00	=	\$	-	\$	
	EA	\$	10,265.00	=	\$	-	\$	
0 1 1 1 1 7	EA	\$	11,005.00	=	\$	-	\$	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'	EA	\$	12,034.00	=	\$	-	\$	
Curb Inlet (Type R) L =20', Depth < 5'	EA	\$	10,940.00	=	\$	-	\$	
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'	EA	\$	12,075.00	=	\$	-	\$	
Grated Inlet (Type C), Depth < 5'	EA	\$	4,802.00	=	\$	-	\$	
Grated Inlet (Type D), Depth < 5'	EA	\$	5,932.00	=	\$	-	\$	
Storm Sewer Manhole, Box Base	EA	\$	12,034.00	=	\$	-	\$	
Storm Sewer Manhole, Slab Base	EA	\$	6,619.00	=	\$	-	\$	
Geotextile (Erosion Control)	SY	\$	6.20	=	\$	-	\$	
Rip Rap, d50 size from 6" to 24"	Tons	\$	83.00	=	\$	-	\$	
Rip Rap, Grouted	Tons	\$	98.00	=	\$	-	\$	
Drainage Channel Construction, Size ( W x H )	LF	Ť	, , , , ,	=	\$		\$	
Drainage Channel Lining, Concrete	CY	\$	590.00	=	\$		\$	
Drainage Channel Lining, Rip Rap	CY	\$	116.00		\$		\$	
Drainage Channel Lining, Kip Kap  Drainage Channel Lining, Grass	AC	\$	1,520.00		\$		\$	
Drainage Channel Lining, Grass  Drainage Channel Lining, Other Stabilization	AC	Φ	1,520.00		\$		\$	
Dramage 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 INFORMATION							
Vollmer Road	11/18/2021	CDR-20-005					
Project Name	Date	PCD File No.					

				Unit				(with Pre	-Plat (	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPR</b>	ROVEMENTS (Priv	ate or Dis	strict	and NOT	Maintai	ned by I	EPC)**			
ROADWAY IMPROVEMENTS										
Utility Relocates	1	EA	\$	112,500.00	=	\$	112,500.00		\$	112,500.00
·					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Exc	eption: Permanent Pon	id/BMP shall l	be iter	mized under	Section 1)					
In Filing 2 FAE					= 1	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS	'									
Water Main Pipe (PVC), Size 8"		LF	\$	66.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$	1,923.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	6,828.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,370.00	=	\$	-		\$	-
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
· '					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS	'									
Sewer Main Pipe (PVC), Size 8"		LF	\$	66.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	4,540.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete		EA	\$	1,451.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe	ecific conditio	n of a	pproval, or P	UD)					
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Sect	ion 3	Subtotal	=	\$	112,500.00		\$	112,500.00

PROJECT INFORMATION							
Vollmer Road	11/18/2021	CDR-20-005					
Project Name	Date	PCD File No.					

			Unit			(with Pre	-Plat (	Construction)
Description	Quantity	Units	Cost		Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent Wo	QCV BMPs)	LS	\$ 10,000.00	=	\$ 10,000.00		\$	10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume ca	Iculations)	LS	\$ 5,000.00	=	\$ 5,000.00		\$	5,000.00

Total Construction Financial Assurance \$ 1,135,338.98

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

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,110,338.98

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

Total Defect Warranty Financial Assurance \$ 195,326.80

(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 $\frac{1}{2}$	on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
Engineer (P.E. Seal Required)	
	·
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date