2022 Financial Assurance Estimate Form

(with pre-plat construction)

Updated: 11/4/2021 PROJECT INFORMATION

12/1/2022

Date Vollmer- Barbarick Segment Project Name CDR 2110 PCD File No.

			Unit				,	-Plat Construction)
Description	Quantity	Units	Cost			Total	% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTR	OL (Constructio	n and Pern	nanent 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	24,647	CY	\$ 3.50	=	\$	100,000.00		\$ 100,000
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.)	4	AC	\$ 886.00	=	\$	3,898.40		\$ 3,898
* Mulching	4	AC	\$ 831.00	=	\$	3,656.40		\$ 3,656
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$	-		\$
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$			\$
* Permanent Pond/BMP (provide engineer's estimate)		EA	7 22.00	=	\$			\$
(p		EA		=	\$			\$
Safety Fence		LF	\$ 3.00	=	\$			\$
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$			\$
Vehicle Tracking Control	1	EA	\$ 2,625.00		\$	2,625.00		\$ 2,625
Silt Fence		LF	\$ 2,023.00	=	\$			
	4,609				-	13,827.00		
Temporary Seeding		AC	\$ 695.00	=	\$	-		\$
Temporary Mulch		AC	\$ 831.00	=	\$	-		\$
Erosion Bales		EA	\$ 28.00	=	\$	-		\$
Erosion Logs/Straw Wattles		LF	\$ 6.00	=	\$	-		\$
Rock Check Dams	12	EA	\$ 554.00	=	\$	6,648.00		\$ 6,648
Inlet Protection	7	EA	\$ 185.00	=	\$	1,295.00		\$ 1,295
Sediment Basin		EA	\$ 1,952.00	=	\$	-		\$
Concrete Washout Basin	1	EA	\$ 997.00	=	\$	997.00		\$ 997
				=	\$	-		\$
[insert items not listed but part of construction plans]				=	\$	-		\$
MAI	NTENANCE (35%	of Constr	uction BMPs)	=	\$	8,887.20		\$ 8,887
	•		,					
- Subject to defect warranty financial assurance. A minimum of 20% shall		Contin	n 1 Cubtotal		φ.	1 1 1 0 2 1 0 0		¢ 1/1 00//
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 1 Subtotal	=	\$	141,834.00		\$ 141,834.0
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 1 Subtotal	=	\$	141,834.00		\$ 141,834.0
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS *		Section	on 1 Subtotal	=	\$	141,834.00		\$ 141,834.0
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS *	1	Section	on 1 Subtotal	=	\$			
ne retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control	1		\$ 10,000.00		\$	10,000.00		\$ 10,000
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)		LS Tons	\$ 10,000.00 \$ 31.00	=	\$	10,000.00		\$ 10,000
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	1 4,883	LS Tons CY	\$ 10,000.00 \$ 31.00 \$ 56.00	=	\$ \$ \$			\$ 10,000 \$ \$ 273,448
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		LS Tons CY SY	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00	=	\$ \$ \$ \$	10,000.00		\$ 10,000 \$ \$ 273,448
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)	4,883	LS Tons CY SY	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00	=	\$ \$ \$ \$ \$	10,000.00 - 273,448.00 -		\$ 10,000 \$ \$ 273,448 \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)		LS Tons CY SY SY SY	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00	=	\$ \$ \$ \$ \$	10,000.00 - 273,448.00 - - - 710,272.00		\$ 10,000 \$ 273,448 \$ \$ 710,272
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Retained until final acceptance (MAXIMUM OF 80% COMPLETE MALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 15.00 \$ 26.00 \$ 221.00 \$ 227.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 15.00 \$ 106.00 \$ 106.00 \$ 106.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00		\$ 10,000 \$ 273,448 \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Retained until final acceptance (MAXIMUM OF 80% COMPLETE NALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" 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) 4" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return)	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY SY LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 1,273.00 \$ 106.00 \$ 106.00 \$ 1,273.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 1,998 \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14" thick) Asphalt Pavement (14" 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)	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 99.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC I MPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) 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	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons EA EA LF LF LF SY SY SY SY LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 97.00 \$ 97.00 \$ 9.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 15.00 \$ 17.00 \$ 10.00 \$ 10.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 710,272 \$ \$ \$ 800 \$ \$ \$ 800 \$ \$ \$ \$ 278,496 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC I MPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14T lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam)	4,883 22,196 6 2 8,703	LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY SY LF EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 1,273.00 \$ 1,273.00 \$ 1,273.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asgregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Sea Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY SY SY LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 1,273.00 \$ 102.00 \$ 1,639.00 \$ 55.00 \$ 80.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ 800 \$ \$ \$ \$ 278,496 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
peretained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 15.00 \$ 26.00 \$ 221.00 \$ 227.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 106.00 \$ 1,273.00 \$ 167.00 \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk 6" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 102.00 \$ 16,39.00 \$ 1,639.00 \$ 55.00 \$ 55.00 \$ 53.00 \$ 102.00 \$ 102.00 \$ 1,273.00 \$ 103.00 \$ 1,273.00 \$ 103.00 \$ 10		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 1,998 \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14" 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)	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 99.00 \$ 15.00 \$ 26.00 \$ 221.00 \$ 221.00 \$ 221.00 \$ 33.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 102.00 \$ 1,639.00 \$ 1,639.00 \$ 2,324.00 \$ 2,324.00 \$ 2,324.00 \$ 87.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (14" thick) Asphalt Pavement (14" 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 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	4,883 22,196 6 2 8,703	LS Tons CY SY SY Tons EA EA SF EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 97.00 \$ 97.00 \$ 99.00 \$ 333.00 \$ 400.00 \$ 15.00 \$ 221.00 \$ 27.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 106.00 \$ 107.00 \$ 1,273.00 \$ 1,273.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ 1,998 \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
peretained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)	4,883 22,196 6 2 8,703	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF	\$ 10,000.00 \$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 99.00 \$ 15.00 \$ 26.00 \$ 221.00 \$ 221.00 \$ 221.00 \$ 33.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 102.00 \$ 1,639.00 \$ 1,639.00 \$ 2,324.00 \$ 2,324.00 \$ 2,324.00 \$ 87.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,000.00 273,448.00 710,272.00 1,998.00 800.00 278,496.00 44,160.00 1,273.00 49,572.00		\$ 10,000 \$ 273,448 \$ \$ 273,448 \$ \$ \$ \$ 710,272 \$ \$ \$ \$ 800 \$ \$ \$ \$ 800 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

	PROJECT INFORMATION	
Vollmer- Barbarick Segment	12/1/2022	CDR 2110
Project Name	Date	PCD File No.

				Unit				(with Pre	-Plat	Construction)
Description		Quantity	Units	Cost			Total	% Complete		Remaining
					=	\$	-		\$	-
[insert items not listed but part of construction	n plans]				=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (WxH)		LF		=	\$	-		\$	-
18" Reinforced Concrete Pipe		275	LF	\$ 70.00	=	\$	19,250.00		\$	19,250.00
24" Reinforced Concrete Pipe			LF	\$ 83.00	=	\$	-		\$	-
30" Reinforced Concrete Pipe		98	LF	\$ 104.00	=	\$	10,192.00		\$	10,192.00
36" Reinforced Concrete Pipe			LF	\$ 128.00	=	\$	-		\$	-
42" Reinforced Concrete Pipe			LF	\$ 171.00	=	\$	-		\$	-
48" Reinforced Concrete Pipe			LF	\$ 209.00	=	\$	-		\$	-
54" Reinforced Concrete Pipe			LF	\$ 272.00	=	\$	-		\$	-
60" Reinforced Concrete Pipe			LF	\$ 319.00	=	\$	-		\$	-
66" Reinforced Concrete Pipe			LF	\$ 368.00	=	\$	-		\$	-
72" Reinforced Concrete Pipe			LF	\$ 421.00	=	\$	-		\$	-
18" Corrugated Steel Pipe			LF	\$ 90.00	=	\$	-		\$	-
24" Corrugated Steel Pipe			LF	\$ 103.00	=	\$	-		\$	-
30" Corrugated Steel Pipe			LF	\$ 131.00	=	\$	-		\$	-
36" Corrugated Steel Pipe			LF	\$ 157.00	=	\$	-		\$	-
42" Corrugated Steel Pipe			LF	\$ 180.00	=	\$	-		\$	-
48" Corrugated Steel Pipe			LF	\$ 190.00	=	\$	-		\$	-
54" Corrugated Steel Pipe			LF	\$ 278.00	=	\$	-		\$	-
60" Corrugated Steel Pipe			LF	\$ 300.00	=	\$	-		\$	-
66" Corrugated Steel Pipe			LF	\$ 364.00	=	\$	-		\$	-
72" Corrugated Steel Pipe			LF	\$ 428.00	=	\$	-		\$	-
78" Corrugated Steel Pipe			LF	\$ 492.00	=	\$	-		\$	-
84" Corrugated Steel Pipe			LF	\$ 588.00	=	\$	-		\$	-
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)			EA		=	\$	-		\$	-
Flared End Section (FES) CSP Size =			LA							
(unit cost = 6x pipe unit cost)	18	6	EA	\$ 450.00	=	\$	2,700.00		\$	2,700.00
End Treatment- Headwall			EA		=	\$	-		\$	-
End Treatment- Wingwall			EA		=	\$	-		\$	-
End Treatment - Cutoff Wall			EA		=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5	5'		EA	\$ 6,138.00	=	\$	-		\$	-
Curb Inlet (Type R) L=5', $5' \le Depth <$	10'		EA	\$ 7,981.00	=	\$	-		\$	-
Curb Inlet (Type R) L =5', $10' \le Depth <$	15'		EA	\$ 9,242.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5	5'		EA	\$ 8,447.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', $5' \le Depth <$	10'		EA	\$ 8,706.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', $10' \le Depth <$	15'		EA	\$ 10,898.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', Depth < 5			EA	\$ 10,984.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', $5' \le Depth <$	10'	2	EA	\$ 11,775.00	=	\$	23,550.00		\$	23,550.00
Curb Inlet (Type R) L =15', 10' ≤ Depth <			EA	\$ 12,876.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', Depth < 5			EA	\$ 11,706.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', 5' ≤ Depth <			EA	\$ 12,920.00	=	\$	-		\$	-
Grated Inlet (Type C), Depth < 5			EA	\$ 5,138.00	=	\$	-		\$	-
Grated Inlet (Type D), Depth < 5	'		EA	\$ 6,347.00	=	\$	-		\$	-
Storm Sewer Manhole, Box Base			EA	\$ 12,876.00	=	\$	-		\$	-
Storm Sewer Manhole, Slab Base			EA	\$ 7,082.00	=	\$	-		\$	-
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 >	(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	1				=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction					=	\$	-		\$	-
 Subject to defect warranty financial assurance. A mine retained until final acceptance (MAXIMUM OF 80% C 			Coatte	n 2 Cubtetal		Φ.	1 405 711 00		_	1 405 744 00
E retained until final acceptance (MAXIMOM OF 80% C LLOWED)	Omi EETE		Section	on 2 Subtotal	=	\$	1,425,711.00		\$	1,425,711.00

	PROJECT INFORMATION	
Vollmer- Barbarick Segment	12/1/2022	CDR 2110
Project Name	Date	PCD File No.

				Unit		(with Pre-Plat Cons			-Plat Construction)
Description	Quantity	Units		Cost			Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPME	NT IMPROVEMENTS (F	Private or D	istr	ict and N	IOT Main	tained b	y EPC)**		
ROADWAY IMPROVEMENTS							, , , , , , , , , , , , , , , , , , , 		
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
STORM DRAIN IMPROVEMENTS	(Exception: Permanent Pe	ond/BMP shall	be ite	emized unde	er Section 1))			
					= '	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
WATER SYSTEM IMPROVEMENTS	'	'							
Water Main Pipe (PVC), Size 8"		LF	\$	71.00	=	\$	-		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	83.00	=	\$	-		\$ -
Gate Valves, 8"		EA	\$	2,058.00	=	\$	-		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$	7,306.00	=	\$	-		\$ -
Water Service Line Installation, inc. tap and va	lves	EA	\$	1,466.00	=	\$	-		\$ -
Fire Cistern Installation, complete		EA			=	\$	-		\$ -
					=	\$	-		\$ -
[insert items not listed but part of construction p	olans]				=	\$	-		\$ -
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"		LF	\$	71.00	=	\$	-		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	4,858.00	=	\$	-		\$ -
Sanitary Service Line Installation, complete		EA	\$	1,553.00	=	\$	-		\$ -
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$ -
					=	\$	-		\$ -
[insert items not listed but part of construction p	olans]				=	\$	-		\$ -
LANDSCAPING IMPROVEMENTS	(For subdivision s	pecific conditio	n of a	approval, or	PUD)				
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
** - Section 3 is not subject to defect warranty requirements		Section	n 3	Subtotal		\$	_		\$ -

PROJECT INFORMATION							
Vollmer- Barbarick Segment	12/1/2022	CDR 211	0				
Project Name	Date	PCD File N	0.				

			Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent W	QCV BMPs)	LS	\$ 10,000.00	=	\$	10,000.00		\$	10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume c	alculations)	LS		=	\$	-		\$	-
				Total	Constru	uction Financia	I Assurance	\$	1,577,545.00
			(Sum of all sec	tion subtota	als plus as	s-builts and pond/BN	MP certification)		
	Total Remain	ing Constr	uction Finan	cial Assu	rance (\	with Pre-Plat Co	onstruction)	\$	1,577,545.00
	(Sum of all	section totals	less credit for ite	ems comple	te plus as	s-builts and pond/BN	MP certification)		
				Total De	fect Wa	rranty Financia	I Assurance	\$	306,653.16
	(2	0% of all items	s identified as (*	. To be coll	ateralized	I at time of prelimina	arv acceptance)		,
	(-	- ,					,pia)		

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