## 2022 Financial Assurance Estimate Form

Updated to Jan 2023 submittal

(with pre-plat construction)

Updated: 11/4/2021

The function of this FAE (all three reaches) is to show changes from the previously submitted bond PROJECT INFORMATION

8/16/2023
Date PCD Fil Sand Creek Channel Improvements Project Name CDR 204 PCD File No.

			Unit					Plat Construct	
Description	Quantity	Units	Cost			Total	% Complete	Remain	ing
SECTION 1 - GRADING AND EROSION CONTRO	L (Construction and	Permanent	BMPs)						
* Earthwork									
less than 1,000; \$5,300 min		CY	\$ 8.00		\$	-	9	\$	-
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$	-	9		-
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$	-	9		-
		CY	\$ 3.50						
20,001-50,000; \$100,000 min				=	\$	-			-
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$	-			-
greater than 200,000; \$500,000 min	779,300	CY	\$ 2.00	=	\$	1,558,600.00	9		58,600.00
* Permanent Seeding (inc. noxious weed mgmnt.)	34	AC	\$ 886.00	=	\$	30,124.00		\$ 3	30,124.00
* Mulching	34	AC	\$ 831.00	=	\$	28,254.00	9	\$ 2	28,254.00
* Permanent Erosion Control Blanket	95,000	SY	\$ 7.00	=	\$	665,000.00	9		55,000.00
* Permanent Pond/BMP Construction	/	CY	\$ 22.00	=	\$	-	9		-
* Permanent Pond/BMP (provide engineer's estimate)		EA	\$ 22.00	=	\$	_	9		
r ermanent i ond/bivii (provide engineer s estimate)						-			
0.4.5		EA	0.00	=	\$	-			-
Safety Fence		LF	\$ 3.00	=	\$	-			-
Temporary Erosion Control Blanket	20,700	SY	\$ 3.00	=	\$	62,100.00	9	\$ (	52,100.00
Vehicle Tracking Control	4	EA	\$ 2,625.00	=	\$	10,500.00	9	\$ 1	10,500.00
Silt Fence	21,000	LF	\$ 3.00	=	\$	63,000.00	9	\$ 6	53,000.00
Temporary Seeding	,	AC	\$ 695.00	=	\$		9		-
Temporary Mulch		AC	\$ 831.00	=	\$	_	9		-
Erosion Bales		EA	\$ 28.00		\$		3		
	2.000								
Erosion Logs/Straw Wattles	2,000	LF	\$ 6.00	=	\$	12,000.00			12,000.00
Rock Check Dams	20	EA	\$ 1,000.00	=	\$	20,000.00			20,000.00
Inlet Protection		EA	\$ 185.00	=	\$	-			-
Sediment Basin		EA	\$ 1,952.00	=	\$	-	9	\$	-
Concrete Washout Basin	3	EA	\$ 997.00	=	\$	2,991.00	9	\$	2,991.00
			,	=	\$		9		_
[insert items not listed but part of construction plans]				=	\$	-	\$	\$	-
	MAINTENANCE (35	% of Cons	truction BMPs)	=	\$	59,706.85	9	\$ 5	59,706.85
- Subject to defect warranty financial assurance. A minimum of 20% shall be	•		•			,			
		Sect	ion 1 Subtotal	=	\$	2,512,275.85		\$ 2,512,	275.85
etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)					T	_,=_,_,	· · · · · · · · · · · · · · · · · · ·	-,,	_,
etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)									
etained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *									
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS									
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control		LS	\$ 5,000.00	=	\$	-			-
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS		LS Tons	\$ 5,000.00 \$ 31.00	= =	\$	-	9		- -
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control							9	\$	
CONSTRUCTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)		Tons	\$ 31.00 \$ 56.00		\$		9	\$ \$	-
SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Raised Median, Paved		Tons CY SF	\$ 31.00 \$ 56.00 \$ 9.00	=	\$ \$ \$		9	\$ \$	-
SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Raised Median, Paved  Barricade - Type 3		Tons CY SF EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00	= = =	\$ \$ \$	- - -	4 4	\$ \$ \$	- - -
ROADWAY IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control  Aggregate Base Course (135 lbs/cf)  Aggregate Base Course (135 lbs/cf)  Raised Median, Paved  Barricade - Type 3  Delineator - Type I		Tons CY SF EA EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00	= = = =	\$ \$ \$ \$	- - - -	q	\$ \$ \$	- - - -
SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS  Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6° Vertical)		Tons CY SF EA EA LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00	= = = = =	\$ \$ \$ \$ \$	- - - -	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$	- - - - -
ROADWAY IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		Tons CY SF EA LF LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00	= = = = = =	\$ \$ \$ \$ \$	- - - - -	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$	- - - - - -
Construction Tarffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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)		Tons CY SF EA LF LF LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00	= = = = =	\$ \$ \$ \$ \$ \$	- - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5 5 5 5 5 5 5	- - - - -
ROADWAY IMPROVEMENTS * Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		Tons CY SF EA LF LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00	= = = = = =	\$ \$ \$ \$ \$	- - - - -	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5	- - - - - -
Construction Tarffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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)	7,115	Tons CY SF EA LF LF LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00	= = = = = = =	\$ \$ \$ \$ \$ \$	-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5 5 5 5 5 5 5 5	- - - - - - - - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course	7,115	Tons CY SF EA LF LF LF SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00	= = = = = = =	\$ \$ \$ \$ \$ \$ \$	- - - - -	9 9 9 9 9 9	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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	7,115	Tons CY SF EA EA LF LF SY SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - 469,590.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - 59,590.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course	7,115	Tons CY SF EA LF LF LF SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 469,590.00	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - 59,590.00
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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	7,115	Tons CY SF EA EA LF LF SY SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - 469,590.00	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - 59,590.00
Construction Targic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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	7,115	Tons CY SF EA EA LF LF SY SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 469,590.00	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - 59,590.00
ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS		Tons CY SF EA EA LF LF SY SY SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 469,590.00 - -	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - 59,590.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Baricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6° Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4* Sidewalk (common areas only) 5° Sidewalk 6° Sidewalk 8° Sidewalk  [Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS 24° & 36° Reinforced Concrete Pipe	72	Tons CY SF EA LF LF LF SY SY SY SY LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 53.00 \$ 66.00 \$ 106.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - 59,590.00 - - - -
ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS		Tons CY SF EA EA LF LF SY SY SY SY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 469,590.00 - -	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - 59,590.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Baricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6° Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4* Sidewalk (common areas only) 5° Sidewalk 6° Sidewalk 8° Sidewalk  [Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS 24° & 36° Reinforced Concrete Pipe	72	Tons CY SF EA LF LF LF SY SY SY SY LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 53.00 \$ 66.00 \$ 106.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - 59,590.00 - - - - - - - - - - - - - - - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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  [insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe	72	Tons CY SF EA LF LF LF SY SY SY SY LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 53.00 \$ 66.00 \$ 106.00	= = = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - 59,590.000 - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Belineator - 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  Insert items not listed but part of construction plans) STORM DRAIN IMPROVEMENTS 24° & 36° Reinforced Concrete Pipe 42° Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unt cost + 6x pipe unit cost)	72	Tons CY SF EA EA LF LF SY SY SY SY LF LF LF	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 53.00 \$ 66.00 \$ 106.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - - - - - - - - - - - -
CONTROLLER SECTION 2 - PUBLIC IMPROVEMENTS ** COADWAY IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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  Insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unit cost = 6 ppe unit cost) Flared End Section (FES) CSP Size =	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF LF EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 53.00 \$ 66.00 \$ 106.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - 59,590.00 - - - - - - - - - - - - - - - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6' Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4' Sidewalk (common areas only) 5' Sidewalk 6' Sidewalk 8' Sidewalk [insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS 24' & 36' Reinforced Concrete Pipe 42' Reinforced Concrete 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)	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF LF LF EA	\$ 31.00 \$ 66.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 80.00 \$ 106.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 - - - - - - - - 9,216.00 4,275.00		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - - - - - - - - - - - -
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Baricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Insert items not listed but part of construction plans) TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5"	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF LF EA EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
CONSTRUCTION 2 - PUBLIC IMPROVEMENTS ** COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 8" Sidewalk  **Insert items not listed but part of construction plans] STORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unit cost = 6 xp pe unit cost) Flared End Section (FES) CSP Size = (unit cost = 6 xp pe unit cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type D), Depth < 5'	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF LF EA EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 106.00 \$ 171.00 \$ 171.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - 59,590.00 - - - - 9,216.00 4,275.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6° Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4° Sidewalk (common areas only) 5° Sidewalk 6° Sidewalk 8° Sidewalk [insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24° & 36° Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF EA EA EA EA EA	\$ 31.00 \$ 60.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 128.00 \$ 1,138.00 \$ 6,347.00 \$ 12,876.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 - - - - - - - - 9,216.00 4,275.00		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - - - - - - - - - - - - - -
COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 Insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unit cost - 6 kpipe unit cost) Flared End Section (FES) CSP Size = (unit cost - 6 kpipe unit cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type C), Depth < 5'	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF LF EA EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 106.00 \$ 171.00 \$ 171.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6° Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4° Sidewalk (common areas only) 5° Sidewalk 6° Sidewalk 8° Sidewalk [insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24° & 36° Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base	72	Tons CY SF EA EA LF LF LF SY SY SY LF LF EA EA EA EA EA	\$ 31.00 \$ 60.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 128.00 \$ 1,138.00 \$ 6,347.00 \$ 12,876.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	- - - - - - 59,590.00 - - - - - - - - - - - - - - - - - -
COADWAY IMPROVEMENTS CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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  "Insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unit cost - 6 x pipe unit cost) Flared End Section (FES) CSP Size = (unit cost - 6 x pipe unit cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24"	72 25	Tons CY SF EA EA LF LF LF SY SY SY SY SY SY SY  LF LF LF EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 171.00 \$ 5,138.00 \$ 6,347.00 \$ 12,876.00 \$ 7.00 \$ 89.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk  [insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted	72 25	Tons CY SF EA EA LF LF LF LF SY SY SY SY SY SY Tons Tons	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 128.00 \$ 1,138.00 \$ 6,347.00 \$ 12,876.00 \$ 89.00 \$ 105.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 Insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, Grouted Drainage Channel Construction, Size ( W x H )	72 25	Tons CY SF EA EA LF LF LF SY SY SY SY SY LF LF EA	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 1,138.00 \$ 5,138.00 \$ 6,347.00 \$ 12,876.00 \$ 7.00 \$ 89.00 \$ 105.00 \$ 105.		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00
COADWAY IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Finsert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unt cost = 6x pipe unt cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted Drainage Channel Construction, Size ( W x H ) Drainage Channel Clining, Concrete	72 25	Tons CY SF EA EA LF LF LF SY SY SY SY Tons Tons CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 171.00 \$ 5,138.00 \$ 6,347.00 \$ 12,876.00 \$ 7.00 \$ 89.00 \$ 105.00 \$ 631.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 1[insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted Drainage Channel Cining, Rip Rap (Bank Stabilziation)	72 25 25 64	Tons CY SF EA EA LF LF LF LF SY SY SY SY Tons LF EA EA EA EA EA EA EA EA CC CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 227.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 128.00 \$ 171.00 \$ 12,876.00 \$ 7.00 \$ 89.00 \$ 105.00 \$ 631.00 \$ 124.00		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00
COADWAY IMPROVEMENTS CONSTRUCTION TRAFFIC CONTROL Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Finsert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unt cost = 6x pipe unt cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted Drainage Channel Construction, Size ( W x H ) Drainage Channel Clining, Concrete	72 25	Tons CY SF EA EA LF LF LF SY SY SY SY Tons Tons CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 171.00 \$ 171.00 \$ 5,138.00 \$ 6,347.00 \$ 12,876.00 \$ 7.00 \$ 89.00 \$ 105.00 \$ 631.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	469,590.00 		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 1 Insert items not listed but part of construction plans 1 TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost) Grated Inlet (Type C), Depth < 5' Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted Drainage Channel Lining, Rip Rap (Bank Stabiliziation) Drainage Channel Lining, Grass (non Wetland)	72 25 25 64	Tons CY SF EA EA LF LF LF LF SY SY SY SY Tons LF EA EA EA EA EA EA EA EA CC CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 128.00 \$ 171.00 \$ 12,876.00 \$ 89.00 \$ 105.00 \$ 631.00 \$ 124.00		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Raised Median, Paved 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 Insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete 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) Grated Inlet (Type D), Depth < 5' Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, d50 size from 6" to 24" Rip Rap, Grouted Drainage Channel Lining, Rip Rap (Bank Stabiliziation) Drainage Channel Lining, Rip Rap (Bank Stabiliziation) Drainage Channel Lining, Grass (non Wetland) Drainage Channel Lining, Other Stabilization	72 25 25 64	Tons CY SF EA EA LF LF LF LF SY SY SY SY Tons LF EA EA EA EA EA EA EA EA CC CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 128.00 \$ 171.00 \$ 12,876.00 \$ 89.00 \$ 105.00 \$ 631.00 \$ 124.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00 - - - 5,696.00 - - - 5,696.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Raised Median, Paved Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 1[insert items not listed but part of construction plans] TORM DRAIN IMPROVEMENTS 24" & 36" Reinforced Concrete Pipe 42" Reinforced Concrete 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) Grated Inlet (Type C), Depth < 5' Storm Sewer Manhole, Box Base Geotextile (Erosion Control) Rip Rap, Gfouted Drainage Channel Lining, Concrete Drainage Channel Lining, Rip Rap (Bank Stabilziation) Insert items not listed but part of construction plans] Insert items not listed but part of construction plans]	72 25 25 64	Tons CY SF EA EA LF LF LF LF SY SY SY SY Tons LF EA EA EA EA EA EA EA EA CC CY	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 128.00 \$ 171.00 \$ 12,876.00 \$ 89.00 \$ 105.00 \$ 631.00 \$ 124.00		\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Baircade - 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 8" Sidewalk 8" Sidewalk  ### Sidewalk ### Sidewalk  ### Finant Improvements  ### Sidewalk  ### Sidewa	72 25 25 64	Tons CY SF EA EA LF LF LF LF SY SY SY SY LF LF EA EA EA EA EA EA CY CY AC	\$ 31.00 \$ 56.00 \$ 9.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 53.00 \$ 66.00 \$ 106.00 \$ 128.00 \$ 171.00 \$ 12,876.00 \$ 89.00 \$ 105.00 \$ 631.00 \$ 124.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9,216.00 4,275.00 - - - 5,696.00 - - - 5,696.00

## Add concrete trail and reinforced access road sections / articulated mat

SECTION 3 - COMMON DEVELOPMENT IMPROVEMI	NTS (Private	or Distric	t and NOT Ma	intained	by EPG	C)**		
ROADWAY IMPROVEMENTS						-		
				=	\$	-	\$	-
STORM DRAIN IMPROVEMENTS (Exception	on: Permanent Pon	d/DMD chall	ho itomized under	= Coction 1)	\$	-	\$	-
Low Flow Channel Pool Section	3,800	U/BIVIP STIAII	\$ 105	Section 1)	\$	399,000.00	\$	399,000.00
Low Flow Channel Riffle Section	4,800	LF	\$ 85	=	\$	408,000.00	\$	408,000.00
GSB Drop Structures	7	EA	\$ 450,000	=	\$	3,150,000.00	\$	3,150,000.00
Existing Pond 2 Rip Rap Rundown	1	EA	\$ 200,000		\$	200,000.00	\$	200,000.00
Concrete Box Culvert (M Standard), Size ( 12'W x 10' H )	135	LF	\$ 2,000	=	\$	270,000.00	\$	270,000.00
Concrete Box Culvert (M Standard), Size ( 10'W x 10' H )	87	LF	\$ 1,800	=	\$	156,600.00	\$	156,600.00
Concrete Box Culvert (M Standard), Size ( 13'W x 4' H )	186	LF	\$ 1,300	=	\$	241,800.00	\$	241,800.00
Concrete Box Culvert (M Standard), Size ( 13'W x 2' H )	93	LF	\$ 900	=	\$	83,700.00	\$	83,700.00
End Treatment- Headwall W-3, Pond 1 & 2	25	CY	\$ 850	=	\$	21,250.00	\$	21,250.00
End Treatment- Wingwall V-3, Pond 1 & 2	40	CY	\$ 850	=	\$	34,000.00	\$	34,000.00
End Treatment - Cutoff WallW-3, Pond 1 & 2	35	CY	\$ 850		\$	29,750.00	\$	29,750.00
Storm Sewer Manhole, Sab Base, 25x25'	2	EA	\$ 50,000		\$	100,000.00	\$	100,000.00
Geotextile (Erosion Control)	45,000	SY	\$ 7.00		\$	315,000.00	\$	315,000.00
Overflow spillway structure, W-3, Pond 1 & 2 Pile Cutoff Walls	3	EA	\$ 150,000.00		\$	450,000.00	\$	450,000.00 525,000.00
Maint. Access Rds/Trails and Turnarounds, 6" Class 2	270,000	EA SF	\$ 75,000.00 \$ 2.00		\$	525,000.00 540,000.00	\$	540,000.00
Maint. Access Rus/ Mails and Turnarounds, 6 Class 2	270,000	or_	\$ 2.00		\$	540,000.00	\$	540,000.00
				=	\$	-	\$	-
WATER SYSTEM IMPROVEMENTS					Ψ		,	
Water Main Pipe (PVC), Size 8"		LF	\$ 71	=	\$	-	\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83	=	\$	-	\$	-
Gate Valves, 8"		EA	\$ 2,058	=	\$	-	\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,306	=	\$	-	\$	-
Water Service Line Installation, inc. tap and valves		EA	\$ 1,466	=	\$	-	\$	-
Fire Cistern Installation, complete		EA		=	\$	-	\$	-
[insert items not listed but part of construction plans]				=	\$	-	\$	-
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 71	=	\$	-	\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,858	=	\$	-	\$	-
Sanitary Service Line Installation, complete		EA	\$ 1,553	=	\$	-	\$	-
Sanitary Sewer Lift Station, complete		EA		=	\$	-	\$	-
				=	\$	-	\$	-
[insert items not listed but part of construction plans]			1,	=	\$	-	\$	-
	For subdivision spe					447.000.00		447.000.00
Wetland Mitigation Plantings / Stabilization	6	EA EA	\$ 75,000.00	=	\$	447,000.00	\$	447,000.00
Agridrain Improvements Retaining Walls along Access Trail	1 4,375	FF	\$ 100,000.00 \$ 32.50	-	\$	100,000.00 142,187.50	\$	100,000.00 142,187.50
Retaining Walls along Access Trail	т,5/5	EA	\$ 32.30		\$	142,107.50	\$	142,107.30
** - Section 3 is not subject to defect warranty requirements			ion 3 Subtotal		\$	7,613,287.50	s	7,613,287.50
					Ψ_	7/015/207.50	1 7	7/015/207150
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV E	MPs)	LS	\$ 20,000.00	=	\$	20,000.00	\$	20,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculated)		LS	\$ 10,000.00	=	\$	10,000.00	\$	10,000.00
, , , , , , , , , , , , , , , , , , , ,			,				· ·	.,
				Tota	I Cons	struction Financia	al Assurance \$	10,726,004.35
			(Sum of all se			as-builts and pond/BI		20/2 20/00 1100
			(				,	
						Conti	ngency (3%) \$	214,988.63
	(Acc	ounting for c	urrent status of pla	ans, only apr	olied to S	Section 3 Storm Drain		
	(			,,				
				Tota	I Cons	struction Financia	al Assurance \$	10,940,992.98
			(Sum of all se			as-builts and pond/BI		20/0 :0/002:00
			(				,	
				Total D	efect V	Varranty Financia	al Assurance \$	570,483.80
		(20% of all it	ems identified as	*). To be co	llateraliz	ed at time of prelimina	arv acceptance)	
		(======================================		,, ,, ,, ,,,				
Approvals								
I hereby certify that this is an accurate and complete estimate of cos	is for the work as s	hown on the	Grading and Erosi	on Control P	lan and	Construction Drawing	s associated with the	Project.
Engineer (P.E. Seal Required)								
Engineer (P.E. Seal Required)								
Engineer (P.E. Seal Required)								
Engineer (P.E. Seal Required)  Approved by Owner / Applicant			Date					

Date

Approved by El Paso County Engineer / ECM Administrator