2023 Financial Assurance Estimate Form

(with pre-plat construction)

Updated: 12/8/2022

agleview Regional Drainage Improvements			IFORMATION 3/3/2023					
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roject Name			Date			PCD File No.		
						444	لحسلا	
	_		Unit			,	-Plat Cons	
escription	Quantity	Units	Cost		Total	% Complete	Re	maining
ECTION 1 - GRADING AND EROSION CONTROL (Co	nstruction and F	ermanent l	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		CY	\$ 3.50	=	\$ -		\$	-
50,001-200,000; \$175,000 min	85,575	CY	\$ 2.50	=	\$ 213,937.50	1	\$	213,937.
greater than 200,000; \$500,000 min	05,575	CY	\$ 2.00		\$ -	'	\$	213,337
	0 054	SY	\$ 8.00			\ \ \	\$	70 922 /
Permanent Erosion Control Blanket (Coir Mat- Channel Slope)	8,854			=			· ·	70,832.
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	12.9	AC	\$ 1,875.00	=	\$ 24,187.50		\$	24,187.
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$615,000.00	=	\$ 615,000.00		\$	615,000.0
Concrete Washout Basin	1	EA	\$ 1,589.00	=	\$ 1,089.00		\$	1,089.0
Inlet Protection	3	EA	\$ 202.00	=	\$ 606.00)	\$	606.0
Rock Check Dam		EA	\$ 605.00	=	\$ -		\$	-
Safety Fence		LF	\$ 3.00	=	\$ -		¢	
Sediment Basin	1	EA	\$ 2,132.00	=		to matcl	h the	2,132.0
Sediment Trap	-	EA	\$ 500.00	= \	. Opdate			,222,
Silt Fence	1,084	LF	\$ 3.00		Cost E	stimate fi	rom	3,252.0
Slope Drain	1,004	LF	\$ 40.00	_	- :			3,232.0
						ainage Re	eport	-
Straw Bale		EA	\$ 31.00	=	Ψ	J - 1		
Straw Wattle/Rock Sock		LF	\$ 7.00	=	\$ -		\$	-
Surface Roughening		AC	\$ 250.00		\$ -		\$	-
Temporary Erosion Control Blanket	14,073.0	SY	\$					
Temporary Seeding and Mulching		AC	\$ 1, Reg		nd- SR1 (County Cost) e #1 / Forebay (24" Riprap)	CY	865 \$	178 \$ 153
Vehicle Tracking Control	2	EA	\$ 2,		e #2/ Forebay (18" Riprap)	CY	544 \$	178 \$ 96
Rock Chutes/Forebay (Subregional Pond)	1,506	CY	\$		e #6/ Forebay (18" Riprap)	CY	97 \$	178 \$ 17
, , , , , , , , , , , , , , , , , , , ,	,			Pond Earthw Concrete Tric	rkle Channel (8' wide)		81160 \$ 1166 \$	8 \$ 649 64 \$ 74
				Concrete Tric	kle Channel (4' wide)	LF	92 \$	50 \$ 4
				Concrete Mic		EA EA		i,000 \$ 25
					fall Pipe (2- 72 Inch)	LF	196 \$	
[insert items not listed but part of construction plans]				Concrete FES	w/ Toe Wall	LF EA	2 \$ 5	,000 \$ 10
	INTENANCE (35°	% of Constr	ruction I	Concrete FES Rip Rap Eme	w/ Toe Wall gency Spillway (12" Riprap)	LF EA CY	2 \$ 5 1841 \$,000 \$ 10 178 \$ 327
MAI	INTENANCE (35°	% of Constr	ruction I	Concrete FES Rip Rap Eme Maintenance Certification	w/ Toe Wall	LF EA CY CY EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8	5,000 \$ 10 178 \$ 327 56 \$ 36 5,000 \$ 8
MAI ECTION 2 - PUBLIC IMPROVEMENTS *	INTENANCE (35°	% of Constr	ruction I	Concrete FES Rip Rap Eme Maintenance Certification Mobilization	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick)	LF EA CY CY EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10	5,000 \$ 10 178 \$ 327 56 \$ 36 1,000 \$ 8
MAI ECTION 2 - PUBLIC IMPROVEMENTS *	INTENANCE (35°	% of Constr	ruction I	Concrete FES Rip Rap Eme Maintenance Certification	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick)	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10	5,000 \$ 10 178 \$ 327 56 \$ 36 5,000 \$ 8
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS	INTENANCE (35°		ruction I	Concrete FES Rip Rap Eme Maintenance Certification Mobilization	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) rol Subto	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10 1 \$ 40	5,000 \$ 10 178 \$ 327 56 \$ 36 5,000 \$ 8 1,000 \$ 10
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control	INTENANCE (35°	LS		Concrete FES Rip Rap Eme Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) rol Subto	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10 1 \$ 40	5,000 \$ 10 178 \$ 327 56 \$ 36 5,000 \$ 8 1,000 \$ 10 0,000 \$ 40 \$ 1,578
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)	INTENANCE (35°	LS Tons	\$ 34.00	Concrete FES Rip Rap Emer Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) rol \$ ubtc \$ - \$ -	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10 1 \$ 40	,000 \$ 10 178 \$ 327 56 \$ 36 ,000 \$ 8 ,000 \$ 10 ,000 \$ 10 \$ 1,578
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	INTENANCE (35	LS Tons CY	\$ 34.00 \$ 61.00	Concrete FES Rip Rap Eme Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 1 \$ 8 8 1 \$ 10 1 \$ 40 \$ 40	,000 \$ 10 178 \$ 327 56 \$ 36, ,000 \$ 8, ,000 \$ 10, ,000 \$ 40 \$ 1,578,
MAI 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)	INTENANCE (35	LS Tons CY SY	\$ 34.00 \$ 61.00 \$ 17.00	Concrete FES Rip Rap Eme Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) rol \$ 5ubc \$ - \$ - \$ - \$ -	LF EA CY CY EA EA	2 \$ 5 1841 \$ 647 \$ 1 \$ 8 1 \$ 10 1 \$ 40 \$ \$ \$ \$ \$,000 \$ 10 178 \$ 327 56 \$ 36 ,000 \$ 8 ,000 \$ 10 ,000 \$ 10 \$ 1,578
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MAI 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 (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	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Cont = = = = = = = = = = = = = = = = = =	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) Subto S	LF EA CY CY EA EA LS	2 \$ 5 5 647 \$ 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$,000 \$ 10 178 \$ 322 56 \$ 36 ,000 \$ 8 0,000 \$ 10 0,000 \$
MAI 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 (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	INTENANCE (35°	LS Tons CY SY SY Tons SF EA EA LF LF LF SY	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) \$	LF EA CY CY EA EA LS	2 \$ 5 5 647 \$ \$ 647 \$ 64	,000 \$ 10 178 \$ 30 56 \$ 36 56 \$ 36 50 \$ 10 50 \$ 10 50 \$ 10 50 \$ 10 50 50 \$ 10 50 50 \$ 10 50 50 \$ 10 50 50 \$ 10 50 50 \$ 10 50 50 \$ 10 50 \$ 10 5
MAI 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 (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 a Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) 4" Sidewalk (common areas only) 5" Sidewalk	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF SY SY	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) Subto S	LF EA CY CY EA EA LS	2 \$ 5 5 647 \$ 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$,000 \$ 10 178 \$ 30 56 \$ 36 56 \$ 36 50 500 \$ 10 500 \$ 10 5
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Barricades - 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	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF LF SY SY	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 37.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick)	LF EA CY CY EA EA LS	2 \$ 5 5 647	,000 \$ 10 178 \$ 30 56 \$ 36 56 \$ 36 50 500 \$ 10 500 \$ 10 5
MAI 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 (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 8" Sidewalk Pedestrian Ramp	INTENANCE (35°	LS Tons CY SY SY SY Tons EA EA LF LF LF SY SY SY EA	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 106.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 16.00 \$ 17.00 \$ 16.00 \$ 17.00 \$ 17.00 \$ 116.00	Concrete FES Rip Rap Eme Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall genery Spillway (12" Riprap) Road (6" Thick) \$ -	LF EA CY CY EA EA LS	2 \$ 5 \$ 647 \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$,000 \$ 10 178 \$ 322 56 \$ 36 ,000 \$ 8 \$ 0,000 \$ 10 \$ 1,578
MAI 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 (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)	INTENANCE (35°	LS Tons CY SY SY SY Tons EA EA LF LF LF SY SY SY EA LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 106.00 \$ 10.00 \$ 28.00 \$ 241.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 110.00 \$ 110.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Control Certification Control Certification Control Certification Control Certification Control Certification Control Certification Cer	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) \$ -	LF EA CY CY EA EA LS	2 \$ 5 5 647 \$ \$ 647 \$ 64	,000 \$ 10 178 \$ 325 56 \$ 36 ,000 \$ 8 ,000 \$ 10 ,000 \$ 40 \$ 1,577
MAI 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 (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 Thermopalstic 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) Cross Pan, collector (9" thick, 8' wide to include return)	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) \$ -	LF EA CY CY EA EA LS	2 \$ 5 5 647 647 5 647 5 647 5 647 647 647 647 647 647 647 647 647 647	,000 \$ 10 178 \$ 30 17
MAI CCTION 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 (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 9" Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF LF SY SY SY SY LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 37.00 \$ 37.00 \$ 111.00 \$ 11,790.00	Concrete FES Rip Rap Eme Maintenance Mobilization Control Con	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) Subtec S	LF EA CY CY EA EA	2 \$ 5 5 647 \$ 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$,000 \$ 10 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 10 17
MAI 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 (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 Thermopalstic 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) Cross Pan, collector (9" thick, 8' wide to include return)	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF LF SY SY SY LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 16.00 \$ 13.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Mobilization Erosion Cont	W/ Toe Wall	LF EA CY CY EA EA	2 \$ 5 5 647 \$ 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	,000 \$ 10 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 30 178 \$ 10 17
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3' thick) Asphalt Pavement (6" thick) Asphalt Pavement (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 Epoxy Pavement Marking Barricade - Type a 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 8" Sidewalk 9" Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF LF SY SY SY SY LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 37.00 \$ 37.00 \$ 111.00 \$ 11,790.00	Concrete FES Rip Rap Eme Maintenance Mobilization Control Con	w/ Toe Wall gency Spillway (12" Riprap) Road (6" Thick) Subtec S	LF EA CY CY EA EA	2 \$ 5 5 647 \$ 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$ 5 647 \$,000 \$ 10 178 \$ 30 17
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) "" thick Raised Median, Paved Regulatory Sign/Advisory Sign 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 Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF LF LF LF SY SY SY LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 16.00 \$ 13.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00	Concrete FES Rip Rap Eme Maintenance Mobilization Certification Control Certification Certification Certification Certification Certification Certification Control Certification Certif	W/ Toe Wall	LF EA CY CY EA EA	2 \$ 5 5 647 \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647	,000 \$ 10 178 \$ 325 56 \$ 326 500 \$ 8 \$ 1,578
MAI ECTION 2 - PUBLIC IMPROVEMENTS * DADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) E " 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 B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete)	INTENANCE (35°	LS Tons CY SY SY SY Tons EA EA LF LF LF SY SY SY LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 106.00 \$ 10.00 \$ 10.00 \$ 28.00 \$ 241.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 16.00 \$ 17.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 116.00 \$ 173.00 \$ 11790.00 \$ 11790.00 \$ 11790.00 \$ 11790.00 \$ 173.00 \$ 173.00	Concrete FES Rip Rap Eme Maintenance Certification Mobilization Erosion Cont	w/ Toe Wall genery Spillway (12" Riprap) Road (6" Thick) \$ -	LF EA CY CY EA EA	2 \$ 5 5 647 \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$,000 \$ 101 178 \$ 307 56 \$ 36 ,000 \$ 8 ,000 \$ 10 ,000 \$ 1
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) "" thick 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 Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)	INTENANCE (35°	LS Tons CY SY SY SY Tons SF EA EA LF	\$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 72.00 \$ 116.00 \$ 11.390.00 \$ 17.390.00 \$ 117.90.00 \$ 87.00	Concrete FES Rip Rap Eme Maintenance Maintenance Certification Control Certification Control Certification Control Certification Control Certification Control Certification Certificati	W/ Toe Well genery Spillway (12" Riprap) Road (6" Thick) \$ -	LF EA CY CY EA EA	2 \$ 5 5 647 \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647 \$ \$ \$ 647	,000 \$ 1178 \$ 322 \$ 325 \$ 56 \$ 36 \$ 36 \$ 36 \$ 36 \$ 36 \$ 36 \$ 3

	PROJECT INFORMATION	
Eagleview Regional Drainage Improvements	3/3/2023	
Project Name	Date	PCD File No.

	Unit							e-Plat Construction)		
Description	Quantity	Units		Cost		Total	% Complete	Remaining		
Sound Barrier Fence (panels, 6' high)		LF	\$	97.00	=	\$ -		\$ -		
Electrical Conduit, Size =		LF	\$	20.00	=	\$ -		\$ -		
Traffic Signal, (provide engineer's estimate)		EA			=	\$ -		\$ -		
[insert items not listed but part of construction plans]					=	\$ -		\$ -		
STORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (W x H)		LF				\$ -		-		
18" Reinforced Concrete Pipe		LF	\$	76.00	=	\$ -		\$ -		
24" Reinforced Concrete Pipe		LF	\$	91.00	=	\$ -		\$ -		
30" Reinforced Concrete Pipe		LF	\$	114.00	=	\$ -		\$ -		
36" Reinforced Concrete Pipe		LF	\$	140.00	=	\$ -		\$ -		
42" Reinforced Concrete Pipe		LF	\$	187.00	=	\$ -		\$ -		
48" Reinforced Concrete Pipe		LF	\$	228.00	=	\$ -		\$ -		
54" Reinforced Concrete Pipe		LF	\$	297.00	=	\$ -		\$ -		
60" Reinforced Concrete Pipe		LF	\$	348.00	=	\$ -		\$ -		
66" Reinforced Concrete Pipe		LF	\$	402.00	=	\$ -		\$ -		
72" Reinforced Concrete Pipe		LF	\$	460.00	=	\$ -		\$ -		
18" Corrugated Steel Pipe		LF	\$	98.00	=	\$ -		\$ -		
24" Corrugated Steel Pipe		LF	\$	112.00	=	\$ -		\$ -		
30" Corrugated Steel Pipe		LF	\$	143.00	=	\$ -		\$ -		
36" Corrugated Steel Pipe		LF	\$	171.00	=	\$ -		\$ -		
42" Corrugated Steel Pipe		LF	\$	197.00	=	\$ -		\$ -		
48" Corrugated Steel Pipe		LF	\$	207.00	=	\$ -		\$ -		
54" Corrugated Steel Pipe		LF	\$	304.00	=	\$ -		\$ -		
60" Corrugated Steel Pipe		LF	\$	328.00	=	\$ -		\$ -		
66" Corrugated Steel Pipe		LF	\$	397.00	=	\$ -		\$ -		
72" Corrugated Steel Pipe		LF	\$	467.00	=	\$ -		\$ -		
78" Corrugated Steel Pipe		LF	\$	537.00	=	\$ -		\$ -		
84" Corrugated Steel Pipe		LF	\$	642.00	=	\$ -		\$ -		
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)		EA			=	-		-		
End Treatment- Headwall		EA			=	\$ -		\$ -		
End Treatment- Wingwall		EA			=	\$ -		\$ -		
End Treatment - Cutoff Wall		EA			=	\$ -		\$ -		
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	6,703.00	=	\$ -		\$ -		
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$	8,715.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA		10,092.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	9,224.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$	9,507.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA		11,901.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =15', Depth < 5'		EA		11,995.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA		12,858.00	=	-		\$ -		
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA		14,061.00	=	-		\$ -		
Curb Inlet (Type R) L =20', Depth < 5'		EA		12,783.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA		14,109.00	=	\$ -		\$ -		
Grated Inlet (Type C), Depth < 5'		EA	\$	5,611.00	=	\$ -		\$ -		
Grated Inlet (Type D), Depth < 5'		EA	\$	6,931.00	=	\$ -		\$ -		
Storm Sewer Manhole, Box Base		EA		14,061.00	=	\$ -		\$ -		
Storm Sewer Manhole, Slab Base		EA		7,734.00	=	\$ -		*		
Geotextile (Erosion Control)		SY	\$	8.00	=	\$ -		\$ -		
Rip Rap, d50 size from 6" to 24"		Tons	\$	97.00	=	\$ -		\$ -		
Rip Rap, Grouted		Tons	\$	115.00	=	\$ -		\$ -		
Drainage Channel Construction, Size (W x H)		LF	\$	-	=	\$ -		\$ -		
Drainage Channel Lining, Concrete		CY	\$	689.00	=	\$ -		\$ -		
Drainage Channel Lining, Rip Rap		CY	\$	135.00	=	\$ -		\$ -		
Drainage Channel Lining, Grass		AC	\$	1,776.00	=	\$ -		\$ -		

		PR	OJECT IN	IFO	RMATION									
Eagleview Regional Drainage Improvements				3/	3/2023									
Project Name / / /	$\overline{\sim}$	- ~~~	\sim	-	ate	$\overline{}$	$\overline{}$	·~~	\sim		RCI	File No.	$\overline{}$	
(\longrightarrow			Ť	+		_					1,511	_	-
					Unit							(with Pre	-Plat	Construction)
Description		Quantity	Units		Cost				Total		%	Complete		Remaining
Riprap Rock Chute		496	CY	\$	178.00	=		\$		3,288.00			\$	88,288.00
TRM Matting		1,340	SY	\$				\$		5,080.00			\$	16,080.00
Grouted Boulders (24" Diameter)		635	SY	\$	158.00			\$,330.00			\$	100,330.00
Sheet Pile Cutoff Wall (PZ-22)		1,161	SF	\$	270.00			\$		3,470.00			\$	313,470.00
Maintenance Road		793	CY	\$	56.00			\$,408.00			\$	44,408.00
Riprap Protection (Type VL)		225	CY	\$	178.00			\$,050.00			\$	40,050.00
Riprap Protection (Type L)		263	CY	\$	178.00			\$,814.00			\$	46,814.00
Riprap Protection (Type M)		3,749	CY	\$	178.00			\$		7,322.00			\$	667,322.00
[insert items not listed but part of construction plan	ıs1	, ,		Ť		=		\$		-			\$	-
SECTION 3 - COMMON DEVELOPMENT		IENTS (Private	or Distric	t ar	nd NOT Ma	aintain	ed		**				1	
ROADWAYIMPROVEMENTS				_										
						=		\$		-			\$	-
	Upda	ate to mate	ch the			=		\$		-			\$	-
		Estimate				=		\$		-			\$	-
						=		\$		-			\$	-
	provi	ided in the				=		\$		-			\$	-
	•					=		\$		-			\$	-
STORM DRAIN IMPROVEMENTS	arair	age repor	τ.		emized unde	r Section	1)							
								\$					\$	-
													_	-
	K	Earthwork	Cost)			_		CY	1094	\$	8	ć o	752	-
	-	TRM Matting						SY	1340	\$	12			-
		Rip Rap Chute #	t3 (18" Riprap)					CY	294		178			-
		Rip Rap Chute #	#4 (6" Riprap)					CY	34		178	\$ 6,0	045	-
WATER SYSTEM IMPROVEMENTS		Mobilization						EA	1				000	
Water Main Pipe (PVC), Size 8"		Erosion Control			C			LS	1	\$ 8,	,000		000	-
Water Main Pipe (Ductile Iron), Size 8"					Sui	btotal					-	\$ 96,2	293	-
Gate Valves, 8"	R	each RWT092 (County	Cost)											-
Fire Hydrant Assembly, w/ all valves		Earthwork	,					CY	665	\$	8	\$ 5,3	320	-
Water Service Line Installation, inc. tap and valves	·	Grouted Boulde						SY	158			\$ 66,		-
Fire Cistern Installation, complete		Sheet Pile Cuto						SF	270	\$	35		450	-
	_	Riprap Protection						CY	97 263		178 178			-
[insert items not listed but part of construction plan	ıs]	Riprap Protection						CY	263				043	-
SANITARY SEWER IMPROVEMENTS		Rip Rap Chute #						CY	167		178			
Sewer Main Pipe (PVC), Size 8"		Coir Mat 40						SY	375	\$	8		000	-
Sanitary Sewer Manhole, Depth < 15 feet		Maintenance R	oad (6" Thick)			_		CY	72	\$	56		037	-
Sanitary Service Line Installation, complete		Mobilization Erosion Control				_		EA LS	1		,000,		000	-
Sanitary Sewer Lift Station, complete	H	LI OSIOTI COTILI O			Sul	btotal		LJ		J 0,	,000	\$ 200,		-
												,,		-
[insert items not listed but part of construction plan	R R	each RWT054 (County	Cost)											-
LANDSCAPING IMPROVEMENTS		Earthwork						CY	2655	\$				
			Grouted Boulders (24" Diameter)					SY	477		420			-
	-		Sheet Pile Cutoff Wall (PZ-22) Riprap Protection (Type M - 12")					SF CY	891 894	\$	35 178			-
		Riprap Protection				_		CY	196			\$ 34,9		-
		Coir Mat 40						SY	1528	\$	8			
		Maintenance R	oad (6" Thick)					CY	278	\$	56	\$ 15,	556	
		Mobilization						EA	1		,000			
	Ļ	Erosion Control						LS	1	\$ 20,	,000	\$ 20,0		
	L				Sul	btotal						\$ 509,	583	

Subtotal County Costs Contingency (35%) TOTAL COUNTY COST

Subtotal

Reach RWT094 (Developer Cost)

Erosion Control

Earthwork Riprap Protection (Type M -12")

Coir Mat 40 Maintenance Road (6" Thick) 2,384,818 834,686 3,219,504

> 70,760 490,792 55,616 24,801

20,000

661,969

178 \$

8 \$ 56 \$ 20,000 \$

8845 \$ 2757 \$ 6952 \$ 443 \$

1 \$

CY SY CY

LS

PROJECT INFORMATION							
Eagleview Regional Drainage Improvements	3/3/2023						
Project Name	Date	PCD File No.					

			Unit			(with Pre	e-Plat Co	onstruction)
Description	Quantity	Units	Cost		Total	% Complete		Remaining
		EA		=	\$ -		\$	-
		EA		=	\$ -		\$	-
** - Section 3 is not subject to defect warranty requirements		Sectio	n 3 Subtota	l =	\$ -		\$	-
						•		
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 5,000.0) =	\$ 5,000.00		\$	5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calcula	tions)	LS	\$ 8,000.0) =	\$ 8,000.00		\$	8,000.00

Total Construction Financial Assurance \$ 2,689,522.85

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

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 2,689,522.85

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

Total Defect Warranty Financial Assurance \$ 448,143.80

(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 on $% \left\{ 1,2,,n\right\}$	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