## 2023 Financial Assurance Estimate Form

(with pre-plat construction)

(with pre-plat construction)		Updated: 12/8/2022						
PROJECT INFORMATION								
Vollmer RV Storage	11/22/2023	PPR-22-045						
Project Name	Date	PCD File No.						

Doscription	Oussite	Dalt-	Unit			Total	· ' '		onstruction)
Description SECTION 1 - GRADING AND EROSION CONTRO	Quantity	Units	Cost			Total	% Complete		Remaining
Earthwork	JL (Constructio	n and Pern	nanent BMPs)						
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	11,222	CY	\$ 5.00	_	\$	56,110.00		\$	56,110.00
20,001-50,000; \$100,000 min	11,222	CY	\$ 3.50		\$	50,110.00		\$	50,110.00
50,001-200,000; \$175,000 min		CY	\$ 2.50		\$			\$	
greater than 200,000; \$500,000 min		CY	\$ 2.00	_	\$			\$	
Permanent Erosion Control Blanket		SY	\$ 8.00	=	\$			\$	
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	3.0	AC	\$ 1,875.00	=	\$	5,625.00		\$	5,625.00
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 29,000.00	=	\$	29,000.00		\$	29,000.00
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$	1,089.00		\$	1,089.00
Inlet Protection	5	EA	\$ 202.00	=	\$	1,010.00		\$	1,010.00
Rock Check Dam	8	EA	\$ 605.00	=	\$	4,840.00		\$	4,840.00
Safety Fence	Ü	LF	\$ 3.00	=	\$	-		\$	
Sediment Basin	1	EA	\$ 2,132.00	=	\$	2,132.00		\$	2,132.00
Sediment Trap	_	EA	\$ 500.00	=	\$	-,		\$	-,
Silt Fence	1,986	LF	\$ 3.00	=	\$	5,958.00		\$	5,958.00
Slope Drain	_,	LF	\$ 40.00		\$	-		\$	-
Straw Bale		EA	\$ 31.00	=	\$	_		\$	_
Straw Wattle/Rock Sock		LF	\$ 7.00	=	\$	_		\$	_
Surface Roughening		AC	\$ 250.00		\$	_		\$	-
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$	_		\$	_
Temporary Seeding and Mulching		AC	\$ 1,666.00	=	\$	-		\$	-
Vehicle Tracking Control	1	EA	\$ 2,867.00	=	\$	2,867.00		\$	2,867.00
Outlet Protection	2	EA	\$ 185.00	=	\$	370.00		\$	370.00
[insert items not listed but part of construction plans]				=	\$	-		\$	-
	ITENANCE (35%	of Constr	uction BMPs)	=	\$	6,011.95		\$	6,011.95
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED)  SECTION 2 - PUBLIC IMPROVEMENTS *  ROADWAY IMPROVEMENTS					\$	115,012.95		\$	115,012.95
Construction Traffic Control		LS		=	\$			\$	
Aggregate Base Course (135 lbs/cf)				_	Ψ.			₽	
riggiogate base course (100 lbs/ci)		Tons	\$ 34.00	_	4	_		¢	
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00 \$ 61.00	=	\$	-		\$	-
Aggregate Base Course (135 lbs/cf) Asphalt Payement (3" thick)		CY	\$ 61.00	=	\$			\$	
Asphalt Pavement (3" thick)		CY SY	\$ 61.00 \$ 17.00	=	\$	-		\$ \$	-
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)		CY SY SY	\$ 61.00 \$ 17.00 \$ 23.00	=	\$ \$ \$			\$ \$ \$	-
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)		CY SY SY SY	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00		\$ \$ \$ \$	- - -		\$ \$ \$	- - -
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick		CY SY SY SY Tons	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00	=	\$ \$ \$ \$ \$	- - - -		\$ \$ \$ \$	- - -
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved		CY SY SY SY Tons	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00	= =	\$ \$ \$ \$ \$	- - - - -		\$ \$ \$ \$ \$	- - - -
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		CY SY SY SY Tons SF EA	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00	= = =	\$ \$ \$ \$ \$	- - - - - -		\$ \$ \$ \$ \$	- - - - -
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		CY SY SY SY Tons SF EA EA	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00	= = =	\$ \$ \$ \$ \$ \$ \$	- - - - - - -		\$ \$ \$ \$ \$ \$	- - - - -
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		SY SY SY Tons SF EA EA SF	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00	= = =	\$ \$ \$ \$ \$ \$ \$	- - - - - - -		\$ \$ \$ \$ \$ \$ \$	- - - - - -
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking		CY SY SY SY Tons SF EA EA SF SF	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 16.00 \$ 28.00	= = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -
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		SY SY SY Tons SF EA EA SF	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00	= = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - -
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I		CY SY SY SY Tons SF EA EA SF SF EA	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00	= = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - -
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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)  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)		CY SY SY SY Tons SF EA EA LF LF SY SY SY LF	\$ 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 \$ 116.00 \$ 72.00 \$ 17.90 \$ 111.00 \$ 1,390.00 \$ 111.00 \$ 1,790.00 \$ 17.00 \$ 17.00 \$ 2,538.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator		CY SY SY SY SY Tons SF EA EA SF SF EA LF	\$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 116.00 \$ 172.00 \$ 173.00 \$ 111.00 \$ 1,790.00 \$ 60.00 \$ 2,538.00 \$ 4,556.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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PROJECT INFORMATION							
Vollmer RV Storage	11/22/2023	PPR-22-045					
Project Name	Date	PCD File No.					

Description		Quantity	Units	Unit Cost			Total	(with Pre	F	nstruction) temaining
					=	\$	-		\$	-
[insert items not listed but part of constructio	n plans]				=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS	M v 11 )		1.5			-			+	
Concrete Box Culvert (M Standard), Size (	wx H)	01	LF	ć 76.00	=	\$	- 016.00		\$	- 016.00
18" Reinforced Concrete Pipe		91	LF LF	\$ 76.00	=	\$	6,916.00		\$	6,916.00
24" Reinforced Concrete Pipe			LF	\$ 91.00 \$ 114.00	=	\$			\$	
30" Reinforced Concrete Pipe			LF	-	=	\$			\$	<u> </u>
36" Reinforced Concrete Pipe 42" Reinforced Concrete Pipe			LF	\$ 140.00 \$ 187.00	=	\$			\$	
48" Reinforced Concrete Pipe			LF	\$ 228.00	=	\$			\$	
54" Reinforced Concrete Pipe			LF	\$ 228.00	=	\$			\$	
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	\$ 112.00		\$			\$	
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)	18"	4	EA	\$ 420.00	=	\$	1,680.00		\$	1,680.00
Flared End Section (FES) CSP Size =									+	
(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 <			EA	\$ 8,715.00	=	\$	-		\$	-
Curb Inlet (Type R) L =5', 10' ≤ Depth <			EA	\$ 10,092.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5			EA	\$ 9,224.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 5' ≤ Depth <			EA	\$ 9,507.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 10' ≤ Depth <			EA	\$ 11,901.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', Depth < 5			EA	\$ 11,995.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 5' ≤ Depth <			EA	\$ 12,858.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 10' ≤ Depth <			EA	\$ 14,061.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', Depth < 5			EA	\$ 12,783.00	=	\$	-		\$	-
Curb Inlet (Type R) L =20', 5' ≤ Depth <			EA	\$ 14,109.00	=	\$	-		\$	-
Grated Inlet (Type C), Depth < 5			EA	\$ 5,611.00	=	\$	-		\$	-
Grated Inlet (Type D), Depth < 5	<u>'</u>		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)		4 =	SY	\$ 8.00	=	\$	- 140.65		\$	- 140.65
Rip Rap, d50 size from 6" to 24"		1.5	Tons	\$ 97.00	=	\$	140.65		\$	140.65
Rip Rap, Grouted			Tons	\$ 115.00	=	\$	-		\$	-
Drainage Channel Lining Conststs	Н)		LF	\$ -	=	\$	-		\$	-
Drainage Channel Lining, Concrete			CY	\$ 689.00	=	\$	-		\$	-
Drainage Channel Lining, Rip Rap			CY	\$ 135.00	=	\$	-		\$	-
Drainage Channel Lining, Grass			AC	\$ 1,776.00	=	\$	-		\$	-
Drainage Channel Lining, Other Stabilization	·				=	\$	-		\$	-
[insert items not listed but part of construction					=	\$ \$	-		\$	-
<ul> <li>Subject to defect warranty financial assurance. A min be retained until final acceptance (MAXIMUM OF 80% CO ALLOWED)</li> </ul>			Sectio	n 2 Subtotal	=	\$	8,736.65		\$	8,736.65

PROJECT INFORMATION								
Vollmer RV Storage	11/22/2023	PPR-22-045						
Project Name	Date	PCD File No.						

		Unit		Unit				(with Pre-Plat Construction)		
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Pr	ivate or	Distr	ict and	NOT Mai	ntained	by EPC)**			
ROADWAY IMPROVEMENTS	-									
Recycled Asphalt (2" thick) (\$8/Ton)	1,176	CY	\$	13.00	=	\$	15,288.00		\$	15,288.00
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Except	tion: Permanent Pon	d/BMP shall	l be ite	mized und	er Section	1)				
18" Reinforced Concrete Pipe	95	LF	\$	70.00	=	\$	6,650.00		\$	6,650.00
48" Reinforced Concrete Pipe		LF	\$	209.00	=	\$	-		\$	-
36" Reinforced Concrete Pipe	41	LF	\$	128.00	=	\$	5,248.00		\$	5,248.00
24" Reinforced Concrete Pipe	186	LF	\$	91.00		\$	16,926.00		\$	16,926.00
30" Reinforced Concrete Pipe	112	LF	\$	114.00		\$	12,768.00		\$	12,768.00
Flared End Section (FES) RCP Size = 18"  (unit cost = 6x pipe unit cost)	1	EA	\$	402.00	=	\$	402.00		\$	402.00
Flared End Section (FES) RCP Size = 36" (unit cost = 6x pipe unit cost)		EA	\$	744.00		\$	-		\$	-
Drainage Channel Lining, Rip Rap 6" depth		CY	\$	124.00	=	\$	-		\$	-
Rip Rap, d50 size from 6" to 24"		Tons	\$	89.00	=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	91.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$	2,247.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	7,978.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,601.00	=	\$	-		\$	-
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	5,305.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete		EA	\$	1,696.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe				PUD)					
Fence	2,578	EA	\$	5.00	=	\$	12,890.00		\$	12,890.00
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
* - Section 3 is not subject to defect warranty requirements		Section	on 3	Subtotal	=	\$	70,172.00		\$	70,172.00

		PROJECT	INF	ORMATIC	N				
Vollmer RV Storage		T. Million.	11	/22/2023				PPI	1-22-045
Project Name			D	ate				PCD File No.	L James W V D
			and processes						
Description			New York	Unit				(with Pre-P	at Construction)
no canad (Pariotta	Quantity	Units		Cost			Total	% Complete	Remaining
AS-BUILT PLANS (Public Improvements i	inc Permanent WACV BMB-1	16		0.000.00					
POND/BMP CERTIFICATION (Inc. elevation	and and uniuma calculations	LS LS	9	3,000.00		\$	3,000.00	\$	3,000.00
The second second	one who volume carcusations)	LS	2	3,000.00	**	\$	3,000.00	\$	3,000.00
					Total	Constr	uction Financia	I Approximate at	400.00
			(Su	m of all secti	on subtots	ele nive a	builts and pond/8	ASSURANCE S	199,921.60
	Total Remaini	ng Constr	ucti	on Financ	lal Assu	rance (	with Pre-Plat Co	onstruction)	199,921.60
	(Sum of all s	ection totals	less	credit for iten	ns comple	te plus as	-builts and pond/8N	AP certification)	ALCIPALIVE
				٦	otal De	fect Wa	rranty Financia	Assurance s	19,894.33
	(20	% of all item	s Idea	ntified as (°).	To be coll	ateralized	at time of prelimina	ry acceptance)	
						-			
Approvals		CONTRACTOR OF STREET	-						
• •		pl.	2	0 1 2	30				
hereby certify that this is an accurate and	complete estimate of costs for the w	ork as show	n on i	he Grading a	od Frash	n Control	Dian and Constructi	lon Denvinus sees	
		t		N BUR!		Como	rian and construct	ion Drawings assoc	ated with the Project.
		1	and it	The state of the s	5:0	VA.			
		E C !	D	E.B.	1	VA .			
4		6	Sec.	n= 1 / 11	) ;	13			
Place Blan	•	6 1	O	00441	S (2)	. 3			
engineer (P.E. Seaf-Required)		V.	12	71/23	10	3			
residences (L.E. Scottledallea)		VI IS	11/	64	1 . 1	22			

Date

Approved by El Paso County Engineer / ECM Administrator