## 2023 Financial Assurance Estimate Form

(with pre-plat construction)

Updated: 12/8/2022

add: "& SF237"

Project Name		Waterbury Fi	ling No. 1		Date	2/6/2023		PCD File No. Pl	JDSP 21-005
Description			Quantity	Units	Unit Cost		Total	(with Pre-PI	at Construction) Remaining
	RADING AND EF	ROSION CONTR	OL (Construct	on and Perm	anent BMPs)				
Earthwork	00. ¢E 200 min			CY	e 0.00		A	1 14	
	00; \$5,300 min			CY	\$ 8.00 \$ 6.00	=	\$ - \$ -	\$	-
1,000-5,000; 5,001-20,000;				CY	\$ 5.00	=	\$ -	\$	<u> </u>
	0; \$100,000 min			CY	\$ 3.50	=	\$ -	\$	<u>-</u>
	00; \$175,000 min			CY	\$ 2.50		\$ -	\$	
	200,000; \$500,000 mi	n	361,139	CY	\$ 2.00	=	\$ 722,278.00	\$	722,278.00
Permanent Erosion			301,133	SY	\$ 8.00	=	\$ -	\$	-
	g (inc. noxious weed	mamnt.) & Mulchina	9	AC	\$ 1,875.00	=	\$ 16,875.00	\$	16,875.00
	BMP (provide enginee		13	EA	\$ 71,750.00	=	\$ 215,250.00	\$	215,250.00
Concrete Washout	t Basin		1	EA	\$ 1,089.00	=	\$ 1,089.00	\$	1,089.00
Inlet Protection	GEC plan states	est area of	24	EA	\$ 202.00	=	\$ 4,848.00	\$	4,848.00
	disturbance is 6		v 9	EA	\$ 605.00	=	\$ -	\$	-
	ac permanently		3,440	LF	\$ 3.00	=	\$ 10,320.00	\$	10,320.00
	happens to the		5	EA	\$ 2,132.00	=	\$ 10,660.00	\$	10,660.00
	Provide temp se			EA	\$ 500.00	=	\$ -	\$	-
Slit Fence	mulching and/or		5,165	LF	\$ 3.00	=	\$ 15,495.00	\$	15,495.00
Slope Drain	roughening.	Surface		LF	\$ 40.00		\$ -	\$	-
Straw Date			60	EA	\$ 31.00	=	\$ 1,860.00	\$	1,860.00
Straw Wattle/Rock			260	LF	\$ 7.00	=	\$ 1,820.00	\$	1,820.00
Surface Roughenir		Chauser OFO	nlan /	AC	\$ 250.00		\$ -	\$	-
Temporary Erosion		Show on GEC	pian/	SY	\$ 3.00	=	\$ -	\$	-
Temporary Seeding		if proposed.		AC	\$ 1,666.00	=	\$ -	\$	-
Vehicle Tracking C	Control		2	EA	\$ 2,867.00	=	\$ 5,734.00	\$	5,734.00
						=	\$ -	\$	-
[insert items not lis	ted but part of constru					=	\$ -	\$	
			NTENANCE (35	% of Constru	iction BMPs)	=	\$ 17,757.95	\$	17,757.95
	anty financial assurance								
* - Subject to defect warra be retained until final acc	eptance (MAXIMUM OF 80	A minimum of 20% shall		Sectio	n 1 Subtotal	=	\$ 1.023.986.95	\$	1.023.986.95
pe retained until final acc ALLOWED)	eptance (MAXIMUM OF 80	% COMPLETE		Sectio	n 1 Subtotal	=	\$ 1,023,986.95	\$	1,023,986.95
be retained until final acco ALLOWED) <b>SECTION 2 - PU</b>	eptance (MAXIMUM OF 80  UBLIC IMPROVE	% COMPLETE		Sectio	n 1 Subtotal	=	\$ 1,023,986.95	\$	1,023,986.95
pe retained until final accordance  ALLOWED)  SECTION 2 - PU  ROADWAY IMPROV	eptance (MAXIMUM OF 80  UBLIC IMPROVE  VEMENTS	% COMPLETE				=			
pe retained until final acco ALLOWED) SECTION 2 - PU ROADWAY IMPROV Construction Traffic	eptance (MAXIMUM OF 80  UBLIC IMPROVE  VEMENTS  IC Control	MENTS *	1.0	LS	\$ 15,000.00	=	\$ 15,000.00	\$	
pe retained until final account of the country of t	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c)	% COMPLETE  MENTS *  f)		LS Tons	\$ 15,000.00 \$ 34.00		\$ 15,000.00 \$ -	\$	15,000.00
pe retained until final according to the ALLOWED)  SECTION 2 - PUROADWAY IMPROVICE Construction Traffic Aggregate Base Conference Construction Construction Traffic Aggregate Base Conference Construction Construction Cons	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c) ourse (135 lbs/c)	% COMPLETE  MENTS *  f)	1.0 5,298.0	LS Tons CY	\$ 15,000.00 \$ 34.00 \$ 61.00	=	\$ 15,000.00 \$ - \$ 323,178.00	\$ \$	15,000.00
pe retained until final acco ALLOWED)  SECTION 2 - PL  ROADWAY IMPROV  Construction Traffic  Aggregate Base Co  Asphalt Pavement	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c (3" thick)	% COMPLETE  MENTS *  f)	5,298.0	LS Tons CY SY	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00	=	\$ 15,000.00 \$ - \$ 323,178.00	\$ \$	15,000.00 - 323,178.00
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pe retained until final account (LOWED)  SECTION 2 - PL  ROADWAY IMPROVIDED THE CONSTRUCTION TRAFFILL  Aggregate Base Conformation Asphalt Pavement  Asphalt Pavement  Asphalt Pavement	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick)	MENTS *	5,298.0	LS Tons CY SY SY	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00	= =	\$ 15,000.00 \$ - \$ 323,178.00 \$ - \$ 731,124.00	\$ \$ \$ \$ \$ \$	15,000.00 - 323,178.00 - 731,124.00
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e retained until final acoult.UCWED)  SECTION 2 - PI ROADWAY IMPROVIDED CONSTRUCTION Traffic Aggregate Base Co. Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement In Thermoplastic Pav Barricade - Type 3 Delineator - Type I Curb and Gutter, T Sidewalk Se Sidewalk Sidewalk Sidewalk Sidewalk Sidewalk Redestrian Ramp	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick) (6" thick) (6" thick) (6" thick) (9" thick) (9" thick) (147 lbs/c aved dvisory Sign e Sign Marking vement Marking (147 lbs/c aved (148 lbs/c aved (148 lbs/c aved (148 lbs/c aved (149 lbs/c aved (148 lbs/c aved (1	ments *  f) f) and road section to 5ft sidewalk ate line and tota	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SF EA	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 TOL \$ 101.00 \$ 35.00 \$	is value undabo erior in n at Gi	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ eseem very lout signage, six tersection stop   bert & Thatch   and update according to the second of the secon	ow consider state of signs, are account coordinally	15,000.00 - 323,178.00 - 731,124.00  Pring pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00
e retained until final acoult.LOWED)  SECTION 2 - PI ROADWAY IMPROVIDED CONSTRUCTION Traffic Aggregate Base Co. Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement In Thermoplastic Pave Barricade - Type I Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T S' Sidewalk S' Sidewalk Pedestrian Ramp Cross Pan, local (6)	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c c(3" thick) (4" thick) (6" thick) aved dvisory Sign e Sign Marking vement Marking Type A (6" Vertical) Type C (Ramp) non areas only)  CDs call c upda "thick, 6' wide to incl	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA LF LF LF SY SY SF EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 TOL \$ sig \$ 2 Sig \$ 35.00 \$ 35.	is value indabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ e seem very low to signage, sign	ow consider state of signs, are account coordinally	15,000.00 - 323,178.00 - 731,124.00  Pring pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00
retreined until final acoult.LOWED)  SECTION 2 - PI ROADWAY IMPROV Construction Traffic Aggregate Base Cc Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement M Thermoplastic Pav Barricade - Type I Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T S' Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6)	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick) (6" thick) (6" thick) aved dvisory Sign e Sign Marking vement Marking in the control ourse (135 lbs/c (4" thick) (6" thick) caved dvisory Sign e Sign Marking vement Marking in the control ourse (6" Vertical) Type B (Median) Type C (Ramp) on areas only)  CDs call oupda "thick, 6' wide to incl or (9" thick, 8' wide to	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA LF LF LF SY SY SF EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 TOL \$ 101.00 \$ 35.00 \$	is value indabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ eseem very lout signage, signage	ow consider the state of the st	15,000.00 - 323,178.00 - 731,124.00  Pring pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00
retrained until final acoult.LOWED)  SECTION 2 - PIROADWAY IMPROVED CONSTRUCTION TRAFFINAL ASPHAIT PAVEMENT ASPHAIT ASPHAI	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick) (6" thick) c esign Marking vement Ma	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY EA Crete, r	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 23.00 \$ 35.00 \$ 17.00 \$ 35.00 \$	is value indabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ 28eem very look tersection stop the section stop bert & Thatch and update acc \$ 223,195.00 \$ 66,850.00 \$ 432,040.00 \$ 513,358.00 \$ - \$ - \$ 61,160.00 \$ 90,958.00 \$ -	ow consider the state of the st	15,000.00 - 323,178.00 - 731,124.00  ering pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00 90,958.00
retreined until final acoult.LOWED)  SECTION 2 - PI ROADWAY IMPROV Construction Traffic Aggregate Base Construction Traffic Aggregate Base Construction Asphalt Pavement Epoxy Pavement Thermoplastic Pav Barricade - Type 3 Delineator - Type 1 Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Sidewalk S" Sidewalk S" Sidewalk B" Sidewalk Cross Pan, local (& Cross Pan, local (& Cross Pan, collect Curb Opening with Guardrail Type 3 (\)	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (137 lbs/c (137 lbs/c (137 lbs/c (147	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons EA EA LF LF LF SY ES Res Crete, r	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 TOU \$ 35.00 \$ 3	is value indabo erior in at Ginage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ 28 seem very look tersection stop the section stop bert & Thatch and update acc \$ 223,195.00 \$ 66,850.00 \$ 432,040.00 \$ 513,358.00 \$ - \$ 61,160.00 \$ 90,958.00 \$ - \$ -	ow consider the state of the st	15,000.00 - 323,178.00 - 731,124.00  ering pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00 90,958.00
pe retained until final acoult.LOWED)  SECTION 2 - PI ROADWAY IMPROVIDED  Construction Traffication Aggregate Base Construction Traffication Aggregate Base Construction Asphalt Pavement Tepoxy Pavement Thermoplastic Pav Barricade - Type 3 Delineator - Type 1 Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T 4 Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Cross Pan, local (& Cross Pan, collecte Curb Opening with Guardrail Type 3 ( Guardrail Type 3 (	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick) (6" thick) (6" thick) (6" thick) (147 lbs/c aved dvisory Sign ee Sign Marking vement Marking  Type A (6" Vertical) Type B (Median) Type C (Ramp) Type	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA EA LF LF LF LF SY Crete, r	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 1 Th \$ 2 Sig \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 36.00 \$ 36.00 \$ 36.00 \$ 36.00 \$ 37.00 \$ 3	is value and about the second in the second	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ 50 Seem Very Ico ut signage, signater & Thatch ind update acc \$ 223,195.00 \$ 66,850.00 \$ 432,040.00 \$ 513,358.00 \$ - \$ - \$ 61,160.00 \$ 90,958.00 \$ - \$ -	ow consider state of signs, are ner. Account coordinally	15,000.00 - 323,178.00 - 731,124.00  ering pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00 61,160.00 90,958.00
pe retained until final aco LLOWED)  SECTION 2 - PI ROADWAY IMPROV Construction Traffic Aggregate Base Co Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement N Thermoplastic Pav Barricade - Type 3 Delineator - Type I Curb and Gutter, T Curb S' Sidewalk Cons S' Sidewalk Cons Pan, local (6 Cross Pan, collecte Curb Opening with Guardrail Type 3 (0 Guardrail Type 7 (0 Guardrail Type 7 (0 Guardrail End Ancil	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (137 thick) (147 lbs/c aved dvisory Sign e Sign Marking rement Marking Type A (6" Vertical) Type B (Median) Type C (Ramp) Inon areas only)  CDs call i upda 3" thick, 6' wide to incl or (9' thick, 8' wide to or (9' thick)	ments *  f) f) and road section 5ft sidewalk ate line and tota ude return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY SY Tons SF EA EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 FOL \$ 3 SIG \$ 35.00 \$ 3	is value indabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ 28eem very look tersection stop libert & Thatch and update according to the second of the second of the second update according to the second u	ow consider state of signs, are ner. Account coordinally	15,000.00 - 323,178.00 - 731,124.00  ering pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00
peretained until final acco ALLOWED)  SECTION 2 - PI ROADWAY IMPROV Construction Traffic Aggregate Base Co Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement In Thermoplastic Pav Barricade - Type 3 Delineator - Type 1 Curb and Gutter, T Guewalk 8" Sidewalk Conso Pan, local (6 Cross Pan, local (6 Cross Pan, local (6 Curb Opening with Guardrail Type 3 (1 Guardrail End Ancil Guardrail Impact A	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (147 lbs/c ourse (1	ments *  f) f) and road section out 5ft sidewalk ate line and total ude return) include return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$	is value and about the second in the second	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ 2 seem very low to signage, sign	by consider the control of the contr	15,000.00 - 323,178.00 - 731,124.00  Pring pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00
peretained until final aco ALLOWED)  SECTION 2 - PI ROADWAY IMPRO Construction Traffic Aggregate Base Co Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement In Thermoplastic Pav Barricade - Type I Curb and Gutter, T S' Sidewalk S' Sidewalk S' Sidewalk Cross Pan, local (8 Cross Pan, collecte Curb Opening with Guardrail Type 7 (6 Guardrail Type 7 (6 Guardrail Impact A Sound Barrier Fend	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c ourse (135 lbs/c (3" thick) (4" thick) (6" thick) (7" thick, 6' wide to incl or (9" thick, 8' wide to in Drainage Chase W-Beam) Concrete) (15 thick) (6" thick) (6" thick) (7" thick, 8' wide to in Drainage Chase (6" thick) (6"	ments *  f) f) and road section out 5ft sidewalk ate line and total ude return) include return)	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY SY Tons SF EA EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$ 1 Th \$ 3 TOU \$ 35.00 \$ 58.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 58.00 \$ 35.00 \$ 58.00 \$ 5	is value undabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ eseem very lout signage, signage	ow consider the state of the st	15,000.00 - 323,178.00 - 731,124.00  ering pleton int, nd stop nt for all  223,195.00 66,850.00 432,040.00 513,358.00
peretained until final acco ALLOWED)  SECTION 2 - PI ROADWAY IMPROV Construction Traffic Aggregate Base Co Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Asphalt Pavement Raised Median, Pa Regulatory Sign/Ac Guide/Street Name Epoxy Pavement In Thermoplastic Pav Barricade - Type 3 Delineator - Type I Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Curb and Gutter, T Sidewalk Sidewalk Sidewalk Cross Pan, local (8 Cross Pan, collecte Curb Opening with Guardrail Type 7 (6 Guardrail Type 7 (6 Guardrail Impact A Sound Barrier Fend	UBLIC IMPROVE VEMENTS c Control ourse (135 lbs/c ourse (147 lbs/c ourse (1	ments *  men	5,298.0 31,788.0 2,307.0 5.0 3,107.0 73.0 6,377.0 1,910.0 12,344.0 8,851.0 TNI 5" \$	LS Tons CY SY SY Tons SF EA EA LF	\$ 15,000.00 \$ 34.00 \$ 61.00 \$ 17.00 \$ 23.00 \$ 35.00 \$	is value indabo erior in n at Gi nage a	\$ 15,000.00 \$ 323,178.00 \$ 731,124.00 \$ e seem very low to signage, sign	by consider the control of the contr	15,000.00 - 323,178.00 - 731,124.00  Pring pleton int, and stop at for all  223,195.00 66,850.00 432,040.00 513,358.00

PROJECT INFORMATION

PROJECT INFORMATION						
Project Name	Waterbury Filing No. 1	Date	2/6/2023	PCD File No. PUDSP 21-005		

Description		O	11-71	Unit			Tatal		-Plat	t Construction)	
escription		Quantity	Units	Cost	=	\$	Total -	% Complete	¢	Remaining -	
[insert items not listed but part of construction plans]					=	\$			\$		
TORM DRAIN IMPROVEMENTS	piarioj					Ψ			Ψ		
Concrete Box Culvert (M Standard), Size ( W	/ x H )		LF		=	\$			\$	-	
15" Reinforced Concrete Pipe	,	66	LF	\$ 61.00		\$	4,026.00		\$	4,026.00	
18" Reinforced Concrete Pipe		364	LF	\$ 76.00	=	\$	27,664.00		\$	27,664.00	
24" Reinforced Concrete Pipe		1,218	LF	\$ 91.00	=	\$	110,838.00		\$	110,838.00	
30" Reinforced Concrete Pipe		674	LF	\$ 114.00	=	\$	76,836.00		\$	76,836.00	
36" Reinforced Concrete Pipe		2,098	LF	\$ 140.00	=	\$	293,720.00		\$	293,720.00	
42" Reinforced Concrete Pipe		2,050	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			-			-	
			LF	\$ 537.00	=	\$			\$	<u>-</u>	
78" Corrugated Steel Pipe			LF	-	=	\$			\$	-	
84" Corrugated Steel Pipe Flared End Section (FES) RCP Size =			LF	\$ 642.00	=	\$			\$	-	
(unit cost = 6x pipe unit cost)	18"	2	EA	\$ 456.00	=	\$	912.00		\$	912.00	
Flared End Section (FES) CSP Size =	24"	2		+ 546.00		_	4 002 00		_	4 002 00	
(unit cost = 6x pipe unit cost)	24"	2	EA	\$ 546.00	=	\$	1,092.00		\$	1,092.00	
Flared End Section (FES) CSP Size =	36"	1		\$ 684.00	=	\$	684.00		\$	684.00	
(unit cost = 6x pipe unit cost) Flared End Section (FES) CSP Size =	00	-	EA	ψ 001.00		Ψ	001.00		Ψ	001.00	
(unit cost = 6x pipe unit cost)	42"	1	EA	\$ 1,122.00	=	\$	1,122.00		\$	1,122.00	
End Treatment- Headwall			EA		=	\$	_		\$	_	
End Treatment- Wingwall			EA		=	\$	_		\$		
End Treatment - Cutoff Wall			EA		=	\$	_		\$		
Curb Inlet (Type R) L=5', Depth < 5'		10	EA	\$ 6,703.00	=	\$	67,030.00		\$	67,030.00	
Curb Inlet (Type R) L=5', $5' \le Depth < 10'$	n'	4	EA	\$ 8,715.00	_	\$	34,860.00		\$	34,860.00	
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15			EA	\$ 10,092.00	=	\$	5 1,000.00		\$	31,000.00	
Curb Inlet (Type R) L =10', Depth < 5'		6	EA	\$ 9,224.00	=	\$	55,344.00		\$	55,344.00	
Curb Inlet (Type R) L = 10', $5' \le Depth < 10'$	n'	4	EA	\$ 9,507.00	_	\$	38,028.00		\$	38,028.00	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 1!		7	EA	\$ 11,901.00	_	\$	36,026.00		\$	30,020.00	
Curb Inlet (Type R) L = 15',	3		EA	\$ 11,901.00	_	-			\$		
Curb Inlet (Type R) L = 15', $5' \le Depth < 10'$	n'		EA	\$ 12,858.00	=	\$ \$			\$		
			EA	\$ 14,061.00	=	\$			\$		
Curb Inlet (Type R) L =15', $10' \le Depth < 15$ Curb Inlet (Type R) L =20', $Depth < 5'$	3		EA	\$ 12,783.00	_	\$			\$		
Curb Inlet (Type R) L =20', $5' \le Depth < 10'$	n'		EA	\$ 12,783.00	=						
	0		EA			\$	-		\$	-	
Grated Inlet (Type C), Depth < 5'				\$ 5,611.00	=	\$	-		т	-	
Grated Inlet (Type D), Depth < 5'			EA	\$ 6,931.00	=	\$	-		\$	-	
Storm Sewer Manhole, Box Base		10	EA	\$ 14,061.00	=	\$	120 212 00		\$	120 212 0	
Storm Sewer Manhole, Slab Base		18	EA	\$ 7,734.00	=	\$	139,212.00		\$	139,212.00	
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 Living 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	=	\$	-		\$	-	
Drainage Channel Lining, Other Stabilization					=	\$	-		\$	-	
					=	\$	-		\$	-	
	nlane1				=	\$	-		\$	-	
[insert items not listed but part of construction Subject to defect warranty financial assurance. A minin											

PROJECT INFORMATION						
Project Name	Waterbury Filing No. 1	Date	2/6/2023	PCD File No. PUDSP 21-005		

				Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units	(	Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	ROVEMENTS (Pr	ivate or D	Distric	ct and I	OT Ma	intained	by EPC)**			
ROADWAY IMPROVEMENTS										
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS (Excep	otion: Permanent Pon	d/BMP shall	be item	nized und	er Section				Ψ	
12" HDPE Storm Pipe	1,126	LF	\$	50.00	=	\$	56,300.00		\$	56,300.00
18" Dia. Inlet	12	EA	\$	500.00	_	\$	6,000.00		\$	6,000.00
18" RCP Pipe	70	LF	\$	76.00	=	\$	5,320.00		\$	5,320.00
24" RCP Pipe	47	LF	\$	91.00	=	\$	4,277.00		\$	4,277.00
36" RCP Pipe	567	LF	\$	114.00	_	\$	64,638.00		\$	64,638,00
42" RCP Pipe	254	LF	\$	140.00	=	\$	35,560.00		\$	35,560.00
18" FES	3	EA	\$	456.00	_	\$	1,368.00		\$	1,368.00
24" FES	1	EA	\$	546.00	=	\$	546.00		\$	546.00
36" FES	1	EA	\$	684.00	_	\$	684.00		\$	684.00
Headwalls	2	EA		2,000.00		\$	4,000.00		\$	4,000,00
Wingwalls	4	EA		2,000.00	=	\$	8,000.00		\$	8,000.00
4' W x 2' D Swale	565	LF	\$	30.00	=	\$	16,950.00		\$	16,950.00
Rip Rap, d50 size from 6" to 24"	426	Tons	\$	97.00	=	\$	41,322.00		\$	41,322.00
Drainage Channel Lining, Rip Rap	381	CY	Ś	135.00	=	\$	51,381.00		\$	51,381.00
	501		1			\$	-		\$	-
WATER SYSTEM IMPROVEMENTS						Ψ			Ψ	
Water Main Pipe (PVC), Size 8"	9,949	LF	Ś	78.00	=	\$	776,022,00		\$	776,022.00
Water Main Pipe (Ductile Iron), Size 8"	3/3 .3	LF	\$	91.00	=	\$	-		\$	-
Gate Valves, 8"	75	EA		2,247.00	=	\$	168,525.00		\$	168,525.00
Fire Hydrant Assembly, w/ all valves	22	EA		7,978.00	=	\$	175,516.00		\$	175,516.00
Water Service Line Installation, inc. tap and valves	208	EA		1,601.00	=	\$	333,008.00		\$	333,008.00
Fire Cistern Installation, complete	200	EA	Ψ.	2,002.00	=	\$	-		\$	-
The Clotern metalliques, complete					=	\$			\$	
[insert items not listed but part of construction plans]					==	4			\$	
SANITARY SEWER IMPROVEMENTS						Add o	channel		Ψ	
Sewer Main Pipe (PVC), Size 8"	11,604	LF	\$	78.00	_				\$	905,112.00
Sanitary Sewer Manhole, Depth < 15 feet	40	EA		5,305.00	_	stabil	ization		\$	212,200.00
Sanitary Service Line Installation, complete	208	EA		1,696.00	=	nlanti	ngo nor		\$	352,768.00
Sanitary Sewer Lift Station, complete	200	EA		2,050.00			ngs per		\$	-
Carnary Cower Ent Clausii, Complete					=	FDR			\$	
[insert items not listed but part of construction plans]									\$	
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of an	proval or		Ψ		_	4	
	(. s. subdivision spe	EA	or up	p. Svai, Oi	=	\$	_		\$	_
		EA			_	\$			\$	
		EA			=	\$			\$	
		EA			=	\$			\$	-
		EA			_	\$			\$	
** - Section 3 is not subject to defect warranty requirements			n 2 C	ubtotal	_		3,219,497.00		\$	3,219,497.00

Add Roundabout Landscaping

Values will be checked in more detail with following submittals.

PROJECT INFORMATION							
Project Name	Waterbury Filing No. 1	Date	2/6/2023	PCD File No. PUDSP 21-005			

			Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permane	ent WQCV BMPs)	LS	\$ 10,000.00	=	\$	10,000.00		\$	10,000.00
POND/BMP CERTIFICATION (inc. elevations and volu	me calculations)	LS	\$ 5,000.00	=	\$	5,000.00		\$	5,000.00
				Total	Conetr	uction Einancia	I Accurance	•	7 622 260 0F

Total Construction Financial Assurance \$ 7,633,360.95
(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 7,633,360.95

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

Total Defect Warranty Financial Assurance \$ 865,856.00

(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 sh	nown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
Engineer (P.E. Seal Required)	
Ligitical (i.e. scarrequired)	
Approved by Owner / Applicant	Date
	-
Approved by El Paso County Engineer / ECM Administrator	Date