ROSS VALLEY SANITARY DISTRICT FY20/21 Gravity Sewer Rehabilitation Project Bid Tabulation June 3rd, 2021

Item No.	. Item Description	Unit	Estimated Quantity	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost I	tem Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost
						Bay	Pacific Pacific	Glo	sage	KJ Woods	S	Cratus	s Inc.	E	PS inc	Team	Ghilotti Inc.	Range	er Pipelines
1	Mobilization and Demobilization	LS	1	\$213,000	\$213,000	\$100,000	\$100,000	\$190,000	\$190,000	\$150,000	\$150,000	\$150,000	\$150,000			\$225,000		0 \$200,000	
2	Traffic Control	LS	1	\$128,000	\$128,000	\$100,000	\$100,000	\$49,000	\$49,000	\$76,960	\$76,960	\$100,000	\$100,000	\$75,000	****	\$435,270	\$435,270	\$200,000	\$200,000
3	Overexcavation and Special Pipe Foundation (Revocable if not used)	CY CY	10	\$620 \$1,100	\$6,200 \$16,500	\$100 \$100	\$1,000	\$500	\$5,000	\$100 \$800	\$1,000	\$100	\$1,000	\$1,000	\$10,000	\$277	\$2,770	0 \$25	\$250
5	Rock Excavation (Revocable if not used) Trench Sheeting, Shoring and Bracing	LS	15	\$1,100	\$10,300	\$100,000	\$1,500 \$100,000	\$100 \$48,000	\$1,500 \$48,000	\$800 \$150,000	\$12,000 \$150,000	\$300 \$110,000	\$4,500 \$110,000	\$1,500 \$80,000	\$22,500 \$80,000	\$444 \$112,000		0 \$50 0 \$200,000	\$750 \$200,000
6	AC Surface Upheaval Repair (Revocable if not used)	SF	2,000	\$15	\$30,000	\$150,000	\$30,000	\$48,000	,	\$130,000	\$16,000	\$110,000	\$14,000	\$20		\$112,000	, , , , , , , , , , , , , , , , , , , ,	0 \$200,000	\$2,000
7	PCC Pavement/Slab Excavation (Revocable if not used)	CY	100	\$310	\$31,000	\$20	\$2,000	\$120		\$100	\$10,000	\$50	\$5,000	\$250		\$877	,	0 \$200	\$20,000
8	Sag Repair for HDPE SS	LF	200	\$230	\$46,000	\$250	\$50,000	\$250		\$200	\$40,000	\$250	\$50,000		/	\$327			\$10,000
9	HMA Surface Restoration Including 2" Mill per Detail 2/D-02	TON	370	\$235	\$86,950	\$150	\$55,500	\$250		\$250	\$92,500	\$300	\$111,000	\$326	\$120,620	\$255	\$94,350	0 \$250	\$92,500
10	Bid Allowance for Districts Use	LS	1	\$200,000	\$200,000 \$868,650	\$400,000	\$400,000	\$200,000	\$200,000 \$658,000	\$200,000	\$200,000 \$748,460	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000 \$1,265,150	\$200,000	\$200,000 \$925,500
11 Sanita	rry Sewer Improvements: PP-01. Madera Ave			Subtotal: Misc	\$808,050		\$840,000	\$658,000	\$658,000		\$748,460		\$745,500		\$891,120		\$1,265,150		\$925,500
11a	Abandon Existing 6" SS by Filling Pipe	LF	90	\$18	\$1,620	\$6	\$540	\$10	\$882	\$10	\$900	\$20	\$1,800	\$15	\$1,350	\$30	\$2,718	3 \$3	\$270
11b	Construct 8" SS by Open Trench	LF	90	\$470	\$42,300	\$250	\$22,500	\$310	\$27,900	\$350	\$31,500	\$20	\$1,800	\$310	1 /	\$282	. ,	5 \$350	\$31,500
11c	Remove and Replace or Construct New Property Line SSCO	EA	5	\$1,000	\$5,000	\$1,000	\$5,000	\$1,500	* - /	\$800	\$4,000	\$750	\$3,750	\$800	4.,	\$1,130	1.,	. ,	\$5,000
11d	Construct New SSMH	EA	1	\$8,100	\$8,100	\$4,500	\$4,500	\$9,000		\$6,000	\$6,000	\$11,000	\$11,000	,	,	\$5,200	*-,		\$6,000
11e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	4	\$3,000	\$12,000	\$2,000	\$8,000	\$2,000	\$8,000	\$1,000	\$4,000	\$2,500	\$10,000		/	\$3,827		8 \$2,500	\$10,000
11f 11g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20') Rehabilitate Existing SSMH	EA EA	1	\$3,100 \$2,800	\$3,100 \$2,800	\$2,500 \$3,500	\$2,500 \$3,500	\$2,000 \$2,800	\$2,000 \$2,800	\$1,500 \$2,500	\$1,500 \$2,500	\$3,000 \$4,500	\$3,000 \$4,500	\$5,000 \$5,800	1.7	\$3,875 \$2,700	\$3,875 \$2,700	5 \$3,200 0 \$2,500	\$3,200 \$2,500
11h	Remove and Replace Existing 6" SS with 8" SS by Open Trench	LF	140	\$465	\$65,100	\$280	\$3,300	\$2,800	\$43,400	\$2,300	\$49,000	\$4,500	\$4,500 \$42,000	\$3,800	\$3,800	\$2,700	4=,,	0 \$2,300	\$2,500
11i	Remove and Replace Existing 8 35 with 8 35 by Open French Remove and Replace Existing SSCO/SSLH with New SSMH	EA	1	\$9,300	\$9,300	\$4,500	\$4,500	\$9,000	\$9,000	\$6,500	\$6,500	\$11,500	\$11,500	\$18,500	\$18,500	\$7,111	\$7,111	1 \$6,500	\$6,500
11j	Remove Ex Mini-SSMH	EA	1	\$1,700	\$1,700	\$500	\$500	\$900	\$900	\$500	\$500	\$2,000	\$2,000	\$3,800		\$3,277	\$3,277	7 \$500	\$500
			Subtotal	: Madera Ave	\$151,020		\$90,740		\$111,382		\$106,400		\$91,350		\$148,050		\$108,414	i	\$114,470
	ry Sewer Improvements: PP-02. S Grove Hill Ave Easement																		<u> </u>
12a	Abandon Existing 5" SS by Filling Pipe	LF LF	60	\$17	\$1,020	\$5	\$300	\$10		\$9	\$540	\$20	\$1,200	\$15		\$40	. ,		\$180
12b 12c	Construct 8" SS by Open Trench Remove and Replace or Construct New Property Line SSCO	EA	70 4	\$470 \$1,000	\$32,900 \$4,000	\$250 \$1,000	\$17,500 \$4,000	\$315 \$1,500	\$22,050 \$6,000	\$350 \$800	\$24,500 \$3,200	\$350 \$750	\$24,500 \$3,000	\$310 \$800		\$267 \$1,336		0 \$350 4 \$1,000	\$24,500
12d	Construct New SSMH	EA	1	\$8,100	\$8,100	\$4,500	\$4,500	\$1,500	\$8,000	\$7,000	\$3,200	\$11,000	\$11,000	\$18,000	\$18,000	\$6,900		\$1,000 0 \$6,000	\$6,000
12e	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	2	\$630	\$1,260	\$100	\$200	\$1,800	\$3,600	\$500	\$1,000	\$2,500	\$5,000	\$10,000	,	\$1,435		0 \$1,000	\$2,000
12f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	2	\$2,900	\$5,800	\$1,500	\$3,000	\$1,000	\$2,000	\$1,000	\$2,000	\$2,500	\$5,000	\$4,800	. /	\$4,670	\$9,340	0 \$2,500	\$5,000
12g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	1	\$3,000	\$3,000	\$2,000	\$2,000	\$1,500	\$1,500	\$2,000	\$2,000	\$3,000	\$3,000	\$4,900	\$4,900	\$5,000	\$5,000	\$3,200	\$3,200
12h	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	1	\$3,100	\$3,100	\$2,500	\$2,500	\$2,000	\$2,000	\$2,500	\$2,500	\$3,500	\$3,500	\$5,000	40,000	\$5,100	40,000	. ,	\$4,200
12i	Pipe Burst Existing 6" with 8" SS	LF	105	\$210	\$22,050	\$225	\$23,625	\$235	\$24,675	\$190	\$19,950	\$225	\$23,625	\$240	,	\$188	,	\$300	,
12j	Rehabilitate Existing SSMH	EA	1	\$2,800 \$7,300	\$2,800 \$7,300	\$3,500 \$4,500	\$3,500	\$2,800	. ,	\$2,500	\$2,500	\$4,500	\$4,500	,	1.7	\$3,740	1-7.		\$2,500
12k 12l	Remove and Replace Existing Mini-SSMH with New SSMH Remove Existing SSMH	EA EA	1	\$7,300	\$7,300	\$4,500	\$4,500 \$1,000	\$5,500 \$1,000	\$5,500 \$1,000	\$3,000 \$500	\$3,000 \$500	\$11,500 \$3,000	\$11,500 \$3,000	\$18,250 \$4,800	\$18,250 \$4,800	\$10,177 \$3,277	\$10,177 \$3,277	7 \$6,500 7 \$500	\$6,500 \$500
121	8		S Grove Hill	Ave Easement	\$93,430	ψ1,000	\$66.625	\$1,000	\$79,713	\$500	\$68,690	\$3,000	\$98,825	\$4,000	\$118,950	Φ3,277	\$92,578	3 300	\$90,080
13. Sanita	ry Sewer Improvements: PP-03 to PP-04. Millbrae Ave																		
13a	Abandon Existing 5" SS by Filling Pipe	LF	155	\$17	\$2,635	\$5	\$775	\$10	\$1,519	\$9	\$1,395	\$20	\$3,100	\$10		\$22		\$3	\$465
13b	Construct 8" SS by Open Trench	LF	155	\$470	\$72,850	\$250	\$38,750	\$310	\$48,050	\$350	\$54,250	\$20	\$3,100	\$310	,	\$288		0 \$350	\$54,250
13c	Remove and Replace or Construct New Property Line SSCO	EA	5	\$1,000 \$2,900	\$5,000 \$2,900	\$1,000 \$2,000	\$5,000 \$2,000	\$1,500 \$1,000	\$7,500	\$800 \$1,500	\$4,000	\$750 \$2,500	\$3,750	\$800 \$4,800	. /	\$1,399 \$4,550		5 \$1,000 0 \$2,500	\$5,000 \$2,500
13a	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10') Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA EA	3	\$3,000	\$2,900	\$2,500	\$2,000 \$7,500	\$1,000	\$1,000 \$4,500	\$1,500	\$1,500 \$5,100	\$2,500	\$2,500 \$9,000		. /	\$4,550 \$4,927	\$4,550 \$14,781	1 \$3,200	\$2,500
13f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	1	\$3,100	\$3,100	\$2,700	\$2,700	\$2,000	\$2,000	\$2,000	\$2,000	\$3,500	\$3,500	\$5,000		\$5,100		0 \$4,200	\$4,200
13g	Remove and Replace Existing 6" SS with 8" SS by Open Trench	LF	320	\$465	\$148,800	\$280	\$89,600	\$300	\$96,000	\$350	\$112,000	\$350	\$112,000	\$315	\$100,800	\$235	*-,	0 \$350	\$112,000
13h	Remove and Replace Existing Mini-SSMH with New SSMH	EA	1	\$7,300	\$7,300	\$4,500	\$4,500	\$8,200	\$8,200	\$6,000	\$6,000	\$11,500	\$11,500	\$18,250	\$18,250	\$12,820	\$12,820	\$6,500	\$6,500
13i	Remove and Replace Existing SSCO/SSLH with New SSMH	EA	1	\$9,300	\$9,300	\$4,500	\$4,500	\$8,500		\$6,000	\$6,000	\$11,500	\$11,500	,	/	\$9,900	. ,		\$6,500
13j	Remove Existing SSCO	EA	1	\$760	\$760	\$400	\$400	\$500		\$200	\$200	\$1,000	\$1,000	\$350		\$3,111	\$3,111	1 \$100	
14 Sonito	rry Sewer Improvements: PP-05 to PP-08, Sequoia Dr		Subtotal:	Millbrae Ave	\$261,645		\$155,725		\$177,769		\$192,445		\$160,950		\$216,000		\$180,507		\$201,115
14a		LF	60	\$17	\$1,020	\$5	\$300	\$10	\$588	\$9	\$540	\$20	\$1,200	\$10	\$600	\$40	\$2,400	0 \$3	\$180
14b	Construct 8" SS by Open Trench	LF	670	\$470	\$314,900	\$250	\$167,500	\$320	\$214,400	\$350	\$234,500	\$350	\$234,500	\$310		\$278	, ,		4.00
14c	Remove and Replace or Construct New Property Line SSCO	EA	7	\$1,000	\$7,000	\$1,000	\$7,000	\$1,500	\$10,500	\$800	\$5,600	\$750	\$5,250	\$800	\$5,600	\$1,355		5 \$1,000	\$7,000
14d	Construct New SSMH	EA	5	\$8,100	\$40,500	\$4,500	\$22,500	\$9,000	\$45,000	\$6,000	\$30,000	\$11,000	\$55,000			\$6,900		\$6,000	\$30,000
14e	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	5	\$630	\$3,150	\$100	\$500	\$1,800	\$9,000	\$500	\$2,500	\$2,500	\$12,500	\$800		\$1,669		5 \$1,000	\$5,000
14f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 0'-5')	EA	3	\$3,000	\$9,000	\$1,000	\$3,000	\$500		\$1,500	\$4,500	\$2,000	\$6,000			\$4,400		\$2,500	\$7,500
14g 14h	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10') Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA EA	2	\$2,900 \$3,000	\$5,800 \$3,000	\$2,000 \$2,500	\$4,000 \$2,500	\$1,000 \$1,500	\$2,000 \$1,500	\$2,000 \$2,500	\$4,000 \$2,500	\$2,500 \$3,000	\$5,000 \$3,000	\$4,800 \$4,900		\$4,587 \$4,999		4 \$3,200 9 \$4,200	\$6,400 \$4,200
14i	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10-13) Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 20'-25')	EA	1	\$3,500	\$3,500	\$2,700	\$2,700	\$2,200		\$3,500	\$3,500	\$2,500	\$2,500	\$5,100		\$5,100			\$5,200
14j	Pipe Burst Existing 4" with 6" SS	LF	240	\$200	\$48,000	\$180	\$43,200	\$2,200	\$48,000	\$230	\$5,200	\$2,300	\$49,200	\$210		\$206		0 \$3,200	\$72,000
14k		LF	220	\$210	\$46,200	\$200	\$44,000	\$268	\$58,960	\$230	\$50,600	\$225	\$49,500	\$250		\$210		0 \$300	
141	Rehabilitate Existing SSMH	EA	1	\$2,800	\$2,800	\$3,500	\$3,500	\$2,800	\$2,800	\$2,500	\$2,500	\$4,500	\$4,500	\$5,800		\$3,737		7 \$2,500	- /
14m	Remove and Relocate Existing SSMH	EA	1	\$8,700	\$8,700	\$4,500	\$4,500	\$9,000		\$5,000	\$5,000	\$12,000	\$12,000	\$9,500		\$12,820			
14n	Remove and Replace Existing 5" SS with 8" SS by Open Trench	LF	215	\$465	\$99,975	\$280	\$60,200	\$380	\$81,700	\$350	\$75,250	\$370	\$79,550	\$310		\$253		5 \$350	\$75,250
14o 14p	Remove and Replace Existing Mini-SSMH with New SSMH Remove Ex Mini-SSMH	EA EA	1	\$7,300 \$1,700	\$7,300 \$1,700	\$4,500 \$500	\$4,500 \$500	\$9,000 \$800		\$6,500 \$500	\$6,500 \$500	\$11,500 \$2,000	\$11,500 \$2,000	\$18,000 \$3,800		\$12,820 \$3,277	\$12,820 \$3,277	0 \$6,500 7 \$500	\$6,50 \$50
14p	Remove EX MINI-SSMH Remove and Replace Existing SSCO/SSLH with New SSMH	EA	1	\$1,700	\$1,700	\$4,500	\$4,500 \$4,500	\$9,000		\$500 \$6,000	\$6,000	\$2,000	\$2,000 \$11,500			\$3,277			\$500
174		27.1	Subtota	al: Sequoia Dr		ψ1,500	\$374,900	\$2,000	\$505,948	ψ0,000	\$489,190	ψ11,500	\$544,700	910,500	\$569,250	Ψ2,74/	\$465,579) 0,500	\$602,23
15. Sanita	ry Sewer Improvements: PP-09. Sequoia Dr Easement																		
15a	Abandon Existing 6" SS by Filling Pipe	LF	55	\$18	\$990	\$6	\$330	\$10		\$9	\$495	\$20	\$1,100	\$15		\$43			4
15b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting At the Contractor's Option, Renaomtate Existing + 33 with 0 33 by one of the Ponowing Methods	EA	3	\$630	\$1,890	\$100	\$300	\$1,500		\$500	\$1,500	\$2,500	\$7,500	\$800		\$1,667		1 \$1,000	,
15c	Artine Contractor's Option, Remarkate Existing of its With Visit by the Ponowing Welthous	LF	65	\$250	\$16,250	\$250	\$16,250	\$222		\$190	\$12,350	\$300	\$19,500	\$210		\$267		5 \$300	\$19,50
15d	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH	LF	75	\$250 \$10,300	\$18,750 \$20,600	\$250 \$4,500	\$18,750	\$215 \$11,000	\$16,125 \$22,000	\$190 \$5,000	\$14,250	\$300	\$22,500	\$180		\$233		5 \$300	
15e	Remove and Replace Existing 55CO/55LH with New HDPE SSMH	EA	2	\$10,300	\$20,600	\$4,500	\$9,000	\$11,000	\$22,000	\$5,000	\$10,000	\$11,500	\$23,000	\$18,500	\$37,000	\$9,877	\$19,754	4 \$6,000	\$12,00

Item No.	Item Description	Unit	Estimated Unit	Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost
15f	Remove Existing SSCO	EA		60	\$1,520	\$400	\$800	\$800	\$1,600	\$100	\$200	\$1,000	\$2,000	\$350	\$700	\$3,111	\$6,222	\$100	\$200
16.0		Sub	total: Sequoia Dr Ea	sement	\$60,000		\$45,430		\$59,194		\$38,795		\$75,600		\$68,075		\$68,172		\$57,365
16. Sanitary	/ Sewer Improvements: PP-10. Alto Ave Easement Remove and Replace or Construct New Property Line SSCO	EA	7 \$1	000	\$7,000	\$1,000	\$7,000	\$1,650	\$11,550	\$800	\$5,600	\$750	\$5,250	\$800	\$5,600	\$1,346	\$9,422	\$1,000	\$7,000
16b	Construct PCC Top Block at SSMH	EA		600	\$3,200	\$500	\$1,000	\$3,800	\$7,600	\$800	\$1,600	\$2,000	1.,	\$2,500	\$5,000	. /	\$17,100	\$1,500	\$3,000
16c	Construct New Type 'C' Retaining Wall	EA		750	\$2,750	\$5,000	\$5,000	\$3,200	\$3,200	\$1,000	\$1,000	\$5,000	\$5,000	\$10,000	\$10,000		\$17,100	\$5,000	\$5,000
16d	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA		000	\$4,410 \$3,000	\$100 \$1,000	\$700	\$1,650	\$11,550	\$500	\$3,500	\$2,500	\$17,500	\$800	\$5,600		\$11,662	\$1,000	\$7,000
16e 16f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 0'-5') Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA EA		000	\$3,000	\$1,000	\$1,000 \$6,000	\$500 \$2,000	\$500 \$6,000	\$1,700 \$2,000	\$1,700 \$6,000	\$2,000 \$2,500	\$2,000 \$7,500	\$4,700 \$4,900	\$4,700 \$14,700	\$4,490 \$4,677	\$4,490 \$14.031	\$2,500 \$3,200	\$2,500 \$9,600
16g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA		100	\$9,300	\$2,500	\$7,500	\$2,000	\$6,000	\$2,500	\$7,500	\$3,000	\$9,000	\$5,000	\$15,000	. /	\$14,631	\$4,200	\$12,600
16h	Pipe Burst Existing 4" with 6" SS	LF		.00	\$72,000	\$180	\$64,800	\$240	\$86,400	\$230	\$82,800	\$225	\$81,000	\$210	\$75,600		\$79,920	\$300	\$108,000
16i 16j	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH Remove and Replace Existing SSMH	EA EA		,300 700	\$10,300 \$8,700	\$4,500 \$4,500	\$4,500 \$4,500	\$7,500 \$1,200	\$7,500 \$1,200	\$5,000 \$6,000	\$5,000 \$6,000	\$11,500 \$12,000	\$11,500 \$12,000	\$18,500 \$18,000	\$18,500 \$18,000		\$11,257 \$5,927	\$6,500 \$6,500	\$6,500 \$6,500
10j	Remove and Replace Existing SSIVIT		ubtotal: Alto Ave Ea		\$129,660	\$4,500	\$4,500 \$102.000	\$1,200	\$1,200	\$6,000	\$120,700	\$12,000	\$12,000 \$154,750	\$18,000	\$18,000	\$5,927	\$185,540	\$6,500	\$167,700
17. Sanitary	Sewer Improvements: PP-11 to PP-12. Roger Ave and West Gate Way								, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				, , , , , ,		, , , , , ,				
17a	Abandon Existing 5" SS by Filling Pipe	LF		17	\$6,120	\$5	\$1,800	\$10	\$3,528	\$9	\$3,240	\$20	\$7,200	\$10	\$3,600	\$16	\$5,760	\$3	\$1,080
17b 17c	Abandon Existing 6" SS by Filling Pipe Construct 8" SS by Open Trench	LF LF		18	\$900 \$208,000	\$6 \$250	\$300 \$100,000	\$10 \$390	\$490 \$156,000	\$10 \$350	\$500 \$140,000	\$20 \$350	\$1,000 \$140,000	\$15 \$310	\$750 \$124,000	\$46 \$330	\$2,300 \$132,000	\$3 \$600	\$150 \$240,000
17d	Remove and Replace or Construct New Property Line SSCO	EA	10 \$1		\$10,000	\$1,000	\$10,000	\$1,650	\$16,500	\$800	\$8,000	\$750	\$7,500	\$800	\$8,000		\$13,350	\$100	\$1,000
17e	Construct New SSMH	EA		,000	\$20,000	\$4,500	\$9,000	\$8,750	\$17,500	\$6,000	\$12,000	\$11,000	\$22,000	\$18,000	\$36,000	,	\$13,794	\$6,000	\$12,000
17f	Construct New Drop Manhole Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA EA		,000	\$15,000 \$3,150	\$5,000 \$100	\$5,000 \$500	\$15,500 \$1,800	\$15,500 \$9,000	\$7,500 \$500	\$7,500 \$2,500	\$15,000 \$2,500	\$15,000 \$12,500	\$18,100 \$800	\$18,100 \$4,000		\$14,200 \$8,335	\$7,000 \$1,000	\$7,000 \$5,000
17g 17h	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA		900	\$8,700	\$1,500	\$4,500 \$4,500	\$1,800	\$3,000	\$300 \$1,700	\$2,500	\$2,500	\$12,500	\$4,700	\$14,100	\$4,400	\$8,333 \$13,200	\$3,200	\$9,600
17i	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA		100	\$15,500	\$2,700	\$13,500	\$1,500	\$7,500	\$2,000	\$10,000	\$3,000	\$15,000	\$5,000	\$25,000	\$4,567	\$22,835	\$4,200	\$21,000
17j	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 20'-25')	EA		500	\$7,000	\$3,000	\$6,000	\$2,000	\$4,000	\$3,000	\$6,000	\$3,500	\$7,000	\$5,100	\$10,200	\$4,777	\$9,554	\$5,200	\$10,400
17k 17l	Pipe Burst Existing 6" with 8" SS Rehabilitate Existing SSMH	LF EA		10 800	\$64,050 \$2,800	\$240 \$3,500	\$73,200 \$3,500	\$215 \$2,800	\$65,575 \$2,800	\$230 \$2,500	\$70,150 \$2,500	\$225 \$4,500	\$68,625 \$4,500	\$240 \$5,800	\$73,200 \$5,800	\$210 \$3,777	\$64,050 \$3,777	\$300 \$2,500	\$91,500 \$2,500
17m	Remove and Relocate Existing SSMH	EA		700	\$8,700	\$4,500	\$4,500	\$11,000	\$11,000	\$6,000	\$6,000	\$12,000	\$12,000	\$9,500	\$9,500		\$12,820	\$6,000	\$6,000
17n	Remove Ex Mini-SSMH	EA		700	\$1,700	\$500	\$500	\$1,000	\$1,000	\$500	\$500	\$2,000	\$2,000	\$3,800	\$3,800	\$5,929	\$5,929	\$500	\$500
10 C		otal: Rog	ger Ave and West Ga	te Way	\$371,620		\$232,300		\$313,393		\$273,990		\$321,825		\$336,050		\$321,904		\$407,730
18. Sanitary	/ Sewer Improvements: PP-13. West Gate Way Easement Abandon Existing 5" SS by Filling Pipe	LF	60 \$	17	\$1,020	\$5	\$300	\$10	\$588	\$9	\$540	\$20	\$1,200	\$10	\$600	\$60	\$3,600	\$3	\$180
18b	Construct New Drop Manhole	EA		,000	\$15,000	\$5,000	\$5,000	\$16,000	\$16,000	\$6,500	\$6,500	\$15,000	\$15,000	\$18,100	\$18,100		\$12,827	\$7,000	\$7,000
18c	Construct 8" SS by Open Trench	LF		70	\$11,750	\$250	\$6,250	\$325	\$8,125	\$350	\$8,750	\$500	\$12,500	\$250	\$6,250	\$260	\$6,500	\$350	\$8,750
18d	Construct PCC Top Block at SSMH	EA		600	\$3,200 \$1,890	\$500	\$1,000	\$3,800	\$7,600	\$800	\$1,600	\$2,000	\$4,000	\$2,500	\$5,000		\$17,110	\$1,500	\$3,000
18e 18f	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting Pipe Burst Existing 6" with 6" SS	EA LF		30	\$1,890 \$35,000	\$100 \$220	\$300 \$38,500	\$1,700 \$190	\$5,100 \$33,250	\$500 \$230	\$1,500 \$40,250	\$2,500 \$205	\$7,500 \$35,875	\$800 \$180	\$2,400 \$31,500		\$5,001 \$36,050	\$1,000 \$300	\$3,000 \$52,500
18g	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH	EA	·	,300	\$20,600	\$4,500	\$9,000	\$10,000	\$20,000	\$4,000	\$8,000	\$11,500	\$23,000	\$18,500	\$37,000		\$22,654	\$6,500	\$13,000
18h	Remove and Replace Existing Mini-SSMH with New SSMH	EA		300	\$7,300	\$4,500	\$4,500	\$9,800	\$9,800	\$5,000	\$5,000	\$11,500	\$11,500	\$18,250	\$18,250	\$11,337	\$11,337	\$6,500	\$6,500
10 Sanitary	Sewer Improvements: PP-14 to PP-15. Skyland Way	Subtotal	: West Gate Way Ea	sement	\$95,760		\$64,850		\$100,463		\$72,140		\$110,575		\$119,100		\$115,079		\$93,930
19a	Abandon Existing 4" SS by Filling Pipe	LF	340 \$	16	\$5,440	\$4	\$1,360	\$10	\$3,332	\$8	\$2,720	\$20	\$6,800	\$10	\$3,400	\$16	\$5,440	\$3	\$1,020
19b	Construct 8" SS by Open Trench	LF		70	\$162,150	\$250	\$86,250	\$320	\$110,400	\$350	\$120,750	\$350		\$310	\$106,950	\$330	\$113,850	\$350	\$120,750
19c	Remove and Replace or Construct New Property Line SSCO	EA		000	\$2,000	\$1,000	\$2,000	\$1,800	\$3,600	\$800	\$1,600	\$750	\$1,500	\$800	\$1,600		\$2,774	\$1,000	\$2,000
19d 19e	Construct New SSMH Rehabilitate Existing SSMH	EA EA		100 800	\$8,100 \$5,600	\$4,500 \$3,500	\$4,500 \$7,000	\$9,000 \$2,800	\$9,000 \$5,600	\$7,000 \$2,500	\$7,000 \$5,000	\$11,000 \$4,500	\$11,000 \$9,000	\$18,000 \$5,800	\$18,000 \$11,600	\$6,899 \$3,737	\$6,899 \$7,474	\$6,000 \$2,500	\$6,000 \$5,000
19f	Pipe Burst Existing 4" with 6" SS	LF		:00	\$48,000	\$180	\$43,200	\$210	\$50,400	\$230	\$55,200	\$205	\$49,200	\$210	\$50,400		\$49,680	\$300	\$72,000
19g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA		100	\$6,200	\$2,500	\$5,000	\$1,500	\$3,000	\$2,000	\$4,000	\$3,000	\$6,000	\$5,000	\$10,000	1.,	\$10,200	\$4,200	\$8,400
19h	Remove Existing SSMH	EA	1 \$2 Subtotal: Skylar	100 d Way	\$2,100 \$239,590	\$1,000	\$1,000 \$150,310	\$1,000	\$1,000 \$186,332	\$500	\$500 \$196,770	\$3,000	\$3,000 \$207,250	\$4,800	\$4,800 \$206,750	\$3,277	\$3,277 \$199,594	\$500	\$500 \$215,670
20. Sanitary	Sewer Improvements: PP-16. El Portal Easement		Subtotai, Skylai	u way	9237,370		\$150,510		\$180,332		\$170,770		\$207,230		\$200,730		\$199,394		\$213,070
20a	Construct New SSMH	EA		100	\$8,100	\$4,500	\$4,500	\$10,000	\$10,000	\$6,000	\$6,000	\$11,000	\$11,000	\$2,800	\$2,800		\$6,899	\$6,000	\$6,000
20b	Construct PCC Top Block at SSMH	EA		600	\$4,800	\$500	\$1,500	\$2,800	\$8,400	\$800	\$2,400	\$2,000	\$6,000	\$2,500	\$7,500		\$25,650	\$1,500	\$4,500
20c 20d	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting Pipe Burst Existing 4" with 6" SS	EA LF	·	30	\$2,520 \$54,000	\$100 \$180	\$400 \$48,600	\$1,800 \$210	\$7,200 \$56,700	\$500 \$230	\$2,000 \$62,100	\$2,000 \$205	\$8,000 \$55,350	\$800 \$210	\$3,200 \$56,700		\$6,632 \$54,540	\$1,000 \$300	\$4,000 \$81,000
20e	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH	EA		,300	\$20,600	\$4,500	\$9,000	\$10,200	\$20,400	\$5,000	\$10,000	\$11,500		\$18,500	\$37,000		\$19,720	\$6,500	\$13,000
20f	Remove Existing SSCO	EA		60	\$760	\$400	\$400	\$800	\$800	\$100	\$100	\$1,000	\$1,000	\$350	\$350	\$3,111	\$3,111	\$100	\$100
21 Sanitary	Sewer Improvements: PP-17 to PP-22. S Eliseo Dr/Corte Real	S	ıbtotal: El Portal Ea	sement	\$90,780		\$64,400		\$103,500		\$82,600		\$104,350		\$107,550		\$116,552		\$108,600
21. Salitary 21a	Abandon Existing 8" SS by Filling Pipe	LF	265 \$	19	\$5,035	\$8	\$2,120	\$10	\$2,597	\$10	\$2,650	\$20	\$5,300	\$18	\$4,770	\$17	\$4,505	\$3	\$795
21b	Abandon Existing 10" SS by Filling Pipe	LF	435 \$	20	\$8,700	\$10	\$4,350	\$10	\$4,263	\$12	\$5,220	\$20	\$8,700	\$20	\$8,700	\$15	\$6,525	\$3	\$1,305
21c	Construct 10" SS by Open Trench	LF		90	\$384,650 \$28,000	\$260 \$1,000	\$204,100	\$473	\$371,305	\$550 \$800	\$431,750	\$400 \$750		\$340 \$800	\$266,900		\$357,175	\$600 \$1,000	\$471,000 \$28,000
21d 21e	Remove and Replace or Construct New Property Line SSCO Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA EA		30	\$3,150	\$1,000	\$28,000 \$500	\$1,550 \$1,400	\$43,400 \$7,000	\$500 \$500	\$22,400 \$2,500	\$2,500	\$21,000 \$12,500	\$800	\$22,400 \$4,000		\$37,800 \$8,275	\$1,000	\$28,000
21f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	8 \$3	100	\$24,800	\$2,500	\$20,000	\$1,500	\$12,000	\$1,500	\$12,000	\$3,000	\$24,000	\$5,000	\$40,000	\$4,650	\$37,200	\$3,200	\$25,600
21g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 20'-25')	EA		500	\$24,500	\$2,700	\$18,900	\$1,800	\$12,600	\$2,000	\$14,000	\$3,500	\$24,500	\$5,100	\$35,700		\$35,070	\$4,200	\$29,400
21h 21i	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length > 25') Pipe Burst Existing 6" with 8" SS	EA LF		500	\$58,500 \$132,300	\$3,000 \$225	\$39,000 \$141,750	\$2,000 \$230	\$26,000 \$144,900	\$2,500 \$230	\$32,500 \$144,900	\$4,000 \$225	\$52,000 \$141,750	\$5,400 \$240	\$70,200 \$151,200	\$5,100 \$210	\$66,300 \$132,300	\$5,200 \$300	\$67,600 \$189,000
21i	Pipe Burst Existing 6" with 8" SS Rehabilitate Existing SSMH	EA		800	\$19,600	\$3,500	\$141,750 \$24,500	\$2,000	\$144,900 \$14,000	\$230 \$2,500	\$144,900 \$17,500	\$225 \$4,500	. ,	\$240 \$5,800	\$151,200 \$40,600		\$132,300 \$26,159	\$300	\$189,000
21k	Remove and Replace Existing 8" SS with 10" SS by Open Trench	LF	565 \$3	25	\$296,625	\$275	\$155,375	\$470	\$265,550	\$600	\$339,000	\$425	\$240,125	\$330	\$186,450	\$342	\$193,230	\$600	\$339,000
211	Remove and Replace Existing 10" SS with 10" SS by Open Trench	LF		25	\$144,375	\$275	\$75,625	\$475	\$130,625	\$600	\$165,000	\$425		\$340	\$93,500	\$342	\$94,050	\$250	\$68,750
22. Sanitary	Sewer Improvements: PP-23 to PP-25. Rancheria Rd		Subtotal: South El	seo Dr	\$1,130,235		\$714,220		\$1,034,240		\$1,189,420		\$992,250		\$924,420		\$998,589		\$1,242,950
22a 22a	Remove and Replace or Construct New Property Line SSCO	EA	13 \$1	000	\$13,000	\$1,000	\$13,000	\$1,300	\$16,900	\$800	\$10,400	\$750	\$9,750	\$800	\$10,400	\$1,360	\$17,680	\$1,000	\$13,000
22b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA		30	\$8,820	\$100	\$1,400	\$1,500	\$21,000	\$500	\$7,000	\$2,000	\$28,000	\$800	\$11,200	\$1,647	\$23,058	\$1,000	\$14,000
22c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA		900 500	\$26,100 \$18,000	\$3,500 \$2,700	\$31,500	\$750	\$6,750	\$2,500	\$22,500	\$2,000	\$18,000	\$4,800	\$43,200	\$4,400	\$39,600	\$3,200	\$28,800
22d 22e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length > 25') Pipe Burst Existing 6" with 8" SS	EA LF		10	\$18,000	\$2,700 \$225	\$10,800 \$240,750	\$2,000 \$200	\$8,000 \$214,000	\$3,000 \$190	\$12,000 \$203,300	\$3,500 \$225	\$14,000 \$240,750	\$5,400 \$240	\$21,600 \$256,800		\$18,200 \$202,230	\$5,200 \$300	\$20,800 \$321,000
22f	Rehabilitate Existing SSMH	EA		800	\$2,800	\$3,500	\$3,500	\$2,000	\$2,000	\$2,500	\$2,500	\$4,000	\$4,000	\$5,800	\$5,800		\$3,739	\$2,500	\$2,500
22g	Remove and Replace Existing SSMH	EA	2 \$8	700	\$17,400	\$4,500	\$9,000	\$8,800	\$17,600	\$7,000	\$14,000	\$12,000	\$24,000	\$17,500	\$35,000	\$12,820	\$25,640	\$6,500	\$13,000

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Item No	Item Description	Unit	Estimated	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit Cost	Item Cost	Unit	Item Cost	Unit Cost	Item Cost	Unit	Item Cost
22h	Remove Existing Tree	EA	Quantity	\$3,000	\$3,000	\$500	\$500	\$1,800	\$1,800	\$1,500	\$1,500	\$3,000	\$3,000	Cost \$10,000	\$10,000	\$1,377	\$1,377	Cost \$1,500	\$1,500
2211	Remove Existing free	LA	Subtotal	Rancheria Rd	\$313.820	\$300	\$310,450	\$1,800	\$288,050	\$1,500	\$273,200	\$3,000	\$341,500	\$10,000	\$394,000	\$1,5//	\$331,524	\$1,500	\$414.600
23. Sanitary Sewer Improvements: PP-26. Rancheria Rd Easement					9313,020		\$310,430		\$288,030		\$273,200		\$541,500		3374,000	'	\$331,324		\$414,000
23a	Remove and Replace or Construct New Property Line SSCO	EA	2	\$1,000	\$2,000	\$1,000	\$2,000	\$1,500	\$3,000	\$800	\$1,600	\$750	\$1,500	\$800	\$1,600	\$1,370	\$2,740	\$1,000	\$2,000
23b	Construct New SSMH	EA	1	\$8,100	\$8,100	\$4,500	\$4,500	\$8,000	\$8,000	\$6,000	\$6,000	\$11,000	\$11,000	\$18,000	\$18,000	\$6,899	\$6,899	\$6,000	\$6,000
23c	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	2	\$630	\$1,260	\$100	\$200	\$1,800	\$3,600	\$500	\$1,000	\$2,500	\$5,000	\$800	\$1,600	\$1,669	\$3,338	\$1,000	\$2,000
23d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	2	\$2,900	\$5,800	\$2,000	\$4,000	\$1,000	\$2,000	\$1,500	\$3,000	\$2,000	\$4,000	\$4,800	\$9,600	\$4,500	1-,	\$3,200	\$6,400
23e	Pipe Burst Existing 6" with 8" SS	LF	370	\$210	\$77.700	\$225	\$83,250	\$215	\$79,550	\$190	\$70,300	\$225	\$83,250	\$240	\$88.800	\$126	1.,	\$300	\$111,000
23f	Rehabilitate Existing SSMH	EA	1	\$2.800	\$2,800	\$3,500	\$3,500	\$2,000	\$2,000	\$2,500	\$2,500	\$4,000	\$4,000	\$5,800	\$5.800	\$3 739	\$3,739	\$2 500	\$2,500
23g	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH	EA	1	\$10,300	\$10,300	\$4,500	\$4,500	\$10,000	\$10,000	\$6,000	\$6,000	\$12,000	\$12,000	\$18,500	\$18,500	\$11,257	\$11,257	\$6,500	\$6,500
23h	Remove and Replace Wood Fence In-Kind	LF	15	\$110	\$1,650	\$100	\$1,500	\$50	\$750	\$200	\$3,000	\$500	\$7,500	\$20	\$300	\$190		\$200	\$3,000
2311	Remove and Replace Wood Fence III-Kind			Rd Easement	\$109,610	\$100	\$103,450	\$50	\$108,900	\$200	\$93,400	\$500	\$128,250	\$20	\$144.200	\$170	\$86,443	3200	\$139,400
24. Sanita	ary Sewer Improvements: PP-27 to PP-29. Laurel Way	Subtot		Ttu Zusement	\$107,010		\$103,130		\$100,700		\$75,100		\$120,230		ψ111,200		\$60,115		\$135,100
24a	Abandon Existing 6" SS by Filling Pipe	LF	410	\$18	\$7,380	\$6	\$2,460	\$10	\$4,018	\$10	\$4,100	\$20	\$8,200	\$15	\$6,150	\$15	\$6,150	\$3	\$1,230
24b	Construct 8" SS by Open Trench	LF	410	\$470	\$192,700	\$250	\$102,500	\$280	\$114,800	\$350	\$143,500	\$350	\$143,500	\$310	\$127,100	\$331	\$135,710	\$3	\$1,230
24c	Remove and Replace or Construct New Property Line SSCO	EA	2	\$1,000	\$2,000	\$1.000	\$2,000	\$1,800	\$3,600	\$800	\$1,600	\$750	\$1,500	\$800	\$1,600	\$1,370	\$2,740	\$1.000	\$2,000
24d	Construct New SSMH	EA	3	\$8,100	\$24,300	\$4,500	\$13,500	\$8,000	\$24,000	\$7,000	\$21,000	\$11,000	\$33,000	\$18,000	\$54,000	\$6,899	\$20,697	\$6,000	\$18,000
24e	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	4	\$630	\$2,520	\$100	\$400	\$1,500	\$6,000	\$500	\$2,000	\$2,500	\$10,000	\$800	\$3,200	\$1,669	\$6,676	\$1,000	\$4,000
24f	Pipe Burst Existing 6" with 8" SS	LF	480	\$210	\$100.800	\$225	\$108,000	\$218	\$104,640	\$230	\$110,400	\$225	\$108,000	\$240	\$115,200	\$211	\$101,280	\$300	\$144,000
24g	Rehabilitate Existing SSMH	EA	2	\$2,800	\$5,600	\$3,500	\$7,000	\$2,000	\$4,000	\$2,500	\$5,000	\$4,500	\$9,000	\$5,800	\$11,600	\$3,737	\$7,474	\$2,500	\$5,000
24h	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	2	\$3,100	\$6,200	\$2,500	\$5,000	\$1,500	\$3,000	\$2,000	\$4,000	\$3,000	\$6,000	\$5,000	\$10,000	\$4.800	, .	\$4,200	\$8,400
24i	Remove Existing SSMH	EA	1	\$2,100	\$2,100	\$1,000	\$1,000	\$1,000	\$1,000	\$500	\$500	\$3,000	\$3,000	\$4,800	\$4,800	\$3,277	\$3,277	\$500	\$500
211	Remove Baseing Bornii	L/1	Subtota	l: Laurel Way	\$343,600	\$1,000	\$241,860	\$1,000	\$265,058	ψ500	\$292,100	ψ3,000	\$322,200	Ψ1,000	\$333,650	ψ3,277	\$293,604	\$500	\$184,360
25. Sanita	25. Sanitary Sewer Improvements: PP-30. Evergreen Dr Easement						\$2.11,000		\$205,050		02>2,100		\$322,200		4333,020		02>3,001		\$101,500
25a	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	2	\$630	\$1,260	\$100	\$200	\$1,800	\$3,600	\$500	\$1,000	\$200	\$400	\$800	\$1,600	\$1,725	\$3,450	\$1,000	\$2,000
25b	Pipe Burst Existing 6" with 8" SS	LF	435	\$210	\$91,350	\$225	\$97.875	\$208	\$90,480	\$190	\$82,650	\$225	\$97,875	\$240	\$104.400	\$210	\$91,350	\$300	\$130,500
25c	Rehabilitate Existing SSMH	EA	3	\$2,800	\$8,400	\$3,500	\$10,500	\$2,000	\$6,000	\$2,500	\$7,500	\$4,000	\$12,000	\$5,800	\$17,400	\$3,737	\$11,211	\$2,500	\$7,500
230	Television District		al: Evergreer	Dr Easement	\$101,010	\$3,500	\$108,575	\$2,000	\$100,080	\$2,500	\$91,150	\$ 1,000	\$110,275	ψ5,000	\$123,400	ψ3,737	\$106,011	Ψ2,500	\$140,000
26. Sanita	ary Sewer Improvements: PP-31. Fern Way Easement	Subto	un Evergreen	. Di Eusement	\$101,010		\$100,575		\$100,000		\$71,150		\$110,273		\$125,100		\$100,011		\$140,000
26a	Construct PCC Top Block at SSMH	EA	1	\$1,600	\$1,600	\$500	\$500	\$3,800	\$3,800	\$800	\$800	\$2,000	\$2,000	\$2,500	\$2,500	\$8,550	\$8,550	\$1.500	\$1,500
26b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	4	\$630	\$2,520	\$100	\$400	\$1,800	\$7,200	\$500	\$2,000	\$2,500	\$10,000	\$800	\$3,200	\$1,669	40,000	\$1,000	\$4,000
26c	Pipe Burst Existing 6" with 8" SS	LF	255	\$210	\$53,550	\$225	\$57,375	\$210	\$53,550	\$190	\$48,450	\$225	\$57,375	\$240	\$61,200	\$211	\$53,805	\$300	\$76,500
26d	Rehabilitate Existing SSMH	EA	1	\$2,800	\$2,800	\$3,500	\$3,500	\$2,000	\$2,000	\$2,500	\$2,500	\$4,500	\$4,500	\$5,800	\$5,800	\$3.739	\$3,739	\$2,500	\$2,500
26e	Remove and Replace Existing SSCO/SSLH with New HDPE SSMH	EA	1	\$10,300	\$10,300	\$4,500	\$4,500	\$9,500	\$9,500	\$5,000	\$5,000	\$11,500	\$11,500	\$18,500	\$18,500	\$11,250	\$11,250	\$6,500	\$6,500
	remove and replace Editing Bood Bell Will New 1151 E Bollin		btotal: Fern V	Way Easement	\$70,770	¥ 1,0 0 0	\$66,275	\$7,500	\$76,050	\$2,000	\$58,750	\$11,500	\$85,375	\$10,500	\$91,200	ψ11,250	\$84,020	ψο,Σσσ	\$91,000
27. Sanita	rry Sewer Improvements: SS-01. CIPP and Spot Repairs				\$70,770		\$00,275		\$70,050		\$50,750		\$65,575		\$71,200		\$01,020		\$ 1,000
27a	Rehabilitate Existing 6" Sanitary Sewer Mainline by CIPP Method	LF	720	\$60	\$43,200	\$165	\$118,800	\$45	\$32,400	\$45	\$32,400	\$50	\$36,000	\$75	\$54,000	\$49	\$35,280	\$50	\$36,000
27b	Rehabilitate Existing SSMH	EA	4	\$2,800	\$11,200	\$3,500	\$14,000	\$2,000	\$8,000	\$2,500	\$10,000	\$4,500	\$18,000	\$5,800	\$23,200	\$3,737	\$14,948	\$2,500	\$10,000
27c	Robotically Reinstate Sewer Lateral For CIPP	EA	4	\$1,400	\$5,600	\$100	\$400	\$300	\$1,200	\$500	\$2,000	\$200	\$800	\$125	\$500	\$325	\$1,300	\$2,000	\$8,000
27d	Remove and Replace Existing SSCO/SSLH with New SSMH	EA	2	\$9,300	\$18,600	\$5,000	\$10,000	\$8,500	\$17,000	\$7,000	\$14,000	\$11,500	\$23,000		\$37,000	\$9,877	\$19,754	\$6,500	\$13,000
27e	Replace Existing Lateral Connection to Sewer Main with New PVC or VCP Wve	EA	1	\$1,500	\$1,500	\$1,500	\$1,500	\$2,000	\$2,000	\$1,400	\$1,400	\$3,000	\$3,000	\$3,400	\$3,400	\$6,599	,	\$5,000	\$5,000
Subtotal: CIPP at			4-,000	\$80,100	~ - ,e · · ·	\$144,700	+=,300	\$60,600	,100	\$59,800	42,000	\$80,800	42,.30	\$118,100	4 - , - / /	\$77,881	42,230	\$72,000	
Total:					\$5,123,145	\$3,876,810	\$3,876,810		\$4,370,172		\$4,448,000		\$4,676,325		\$5,082,565		\$5,097,141		\$5,268,700
10% (Contigency:				\$512,315	%+/-	-24		-15	-	-13		-9		-1		-1		3
Base I	Bid Total:				\$5,635,460]													