																Tunnel						Tunnel			Heavy
			FIRMS			GE	3A									Vision		GBA		Manhole	Smoke Dye	Vision	TV	Heavy	Cleaning
				TASK	TASK			Senior Senior		Project		Senior		Sr Admin.	Direct		Direct	Direct	Mileage	Equip.	Equip. Tan			Cleaning	CCTV
				TOTAL	TOTAL		TASK	Lead AES AES	AES	AES	Tech	Tech	AES	Assistant	Expense	TASK	Expenses	Expenses			(\$/day) (\$/da			(\$/hr)	(\$/hr)
						TOTAL	TOTAL	\$245 \$198	\$155	\$172	\$166	\$166	\$137	\$115		TOTAL		(Total)	\$1	\$100	\$200 \$10	(Total	\$1.00	\$225	\$180
				\$	HRS	\$	HRS									\$									
			MANAGEMENT AND ADMINISTRATION																			_			ь—
			Maintenance	\$5,1			30	0 2		0	_	0	0	10	\$0		\$0 \$0	\$0	0	0		0 \$0		0	
			Meeting	\$1,10		\$1,104	6	1 3.	0	0		0	0	0	\$0	\$0			0	0		0 \$0		0	
1	1.3 Pr	ogress	Meetings	\$1,6	30 9	\$1,680	9	2	0	0	2	0	0	2	\$0	\$1	\$0	\$0	0	0	0	0 \$0		0	
	-	+H	Task 1 Hours	_	45		45	3 2) 0	0	3	0	0	12					0	0	0	0			
			Task 1 Fee	\$7,89		\$7,894	45	\$613 \$5.54				\$0		\$1,323	\$0	so	\$0	\$0	\$0			<u>0</u> 80 \$0	\$0	\$0	\$0
 	+	+	Task 11 ee	φ1,0.	7 4	\$1,034		φ010 φ0,044	+ 40	φυ	9410	φυ	φυ	φ1,323	φυ	Ţ.	φ0	ΨU	φυ	φυ	90	φυ φυ	J 40	φυ	- 40
TACK 2 EI	IEI D I	NVECT	TIC ATIONS	_					+							_						_			
TASK 2 - FIELD INVESTIGATIONS 2.1 Simple Manhole Condition Assessments (50 Manholes)			\$8,2	18 49	\$8,218	49	0	3 12	4	14.5	12.5	0	0	\$0	so	\$0	\$0	0	0	0	0 \$0		0		
			Manhole Condition Assessments (5 Manholes)	\$2.5			15		1 3	0		6.5			\$100	\$6	\$0		0	1	0	0 \$0		0	
			spections (10,000 LF)	\$17,7			25	0 1	3 0	0		0.5	0		\$100	\$13,240			0	0	-	0 \$13,240		0	
	2.4 Smoke Testing (14,000 LF)			\$17,7			105	0 1	2 10						\$600	\$13,240	\$13,240		0	0		0 \$13,240		0	
	2.5 Dyed Water Testing (5 Tests)			\$3,3			20	0	1 10	2		3.5		0	\$100	\$0			n	0		1 \$0		0	
			rity Unusual or Unclear Conditions	\$1,3		\$1,328	8	0) 10	0		0.5 A	0	0	\$100	S(\$0		0	0		0 \$0		0	
 		ileage	ny chacaa or choica conditions	\$1,5		\$1,520		0	0 0	0		0	0	0	\$1.500	Si Si			1,500	0	_	0 \$0		0	
		suge	11	Ψ1,5	-	ψ1,500		, , , , , , , , , , , , , , , , , , ,	1 0	-	- 0	- 0	0	0	ψ1,000	- "	φυ	ψ1,500	1,500	-	9	<u> </u>	<u> </u>	<u> </u>	
		\pm	Task 2 Hours		222		222	0 2	3 43	10	63	60	24	0					1.500	1	3	1	10.000	8	9
		\pm	Task 2 Fee	\$52,0°		\$38,779		\$0 \$4,55			\$10,375		\$3,288	\$0	\$2,300	\$13,240	\$13,240	\$2,300		\$100	\$600 \$1	00 \$13,240		\$1,800	\$1,440
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TASK 3 - G	IS DA	TABAS	SE PREPARATION AND DATA ENTRY																			_			
			GIS Database and Shapefiles	\$9:	30 6	\$930	6	0) 6	0	0	0	0	0	\$0	\$(\$0	\$0	0	0	0	0 \$0	0 0	0	C
			GIS Databases and Shapefiles to City	\$69		\$696	4	0	1 0	0		3		0	\$0		\$0 \$0	\$0	0	0		0 \$0		0	-
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		# 1	Task 3 Hours		10		10	0	1 6	0	0	3	0	0					0	0	0	0	0	0	C
			Task 3 Fee	\$1,6	26	\$1,626		\$0 \$19	\$930	\$0	\$0	\$498	\$0	\$0	\$0	\$(\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0
TASK 4 - DA	ATA A	MALY:	SIS AND REHAB RECOMMENDATIONS																						
4.1 Inflow and Infiltration Evaluation			\$9:	30 6	\$930	6	0) 6	0	0	0	0	0	\$0	\$0	\$0	\$0	0	0	0	0 \$0	0 0	0	0	
4.2 Manhole Inspection and CCTV Data Analysis			\$2,5	8 16	\$2,568	16	0	8 (0	8	0	0	0	\$0	\$(\$0	0	0	0	0 \$0	0 0	0	(
4.3 Develop Draft Report and Submit			\$4,0	74 24	\$4,074	24	2	12	0	8	0	0	0	\$0	\$0	\$0	\$0	0	0	0	0 \$0	0 0	0	(
4.4 Draft Report Review Meeting			\$50	32	\$562	3	0	2 0	0	1	0	0	0	\$0	\$0	\$0		0	0	0	0 \$0	0 0	0		
4.5 Develop Final Report and Submit			\$1,5	59 10	\$1,559	10	0	3 4	0	0	0	0	3	\$0	\$0	\$0	\$0	0	0	0	0 \$0	0 0	0	(
4.6 Present Findings to Council			\$59		\$594	3	0	3 0	0	0	0	0	0	\$0	\$0	\$0	\$0	0	0	0	0 \$0	0 0	0	(
	M	ileage		\$40	00 -	\$400	-	0	0	0	0	0	0	0	\$400	\$0	\$0	\$400	400	0	0	0 \$0	0 0	0	C
		\perp																							
			Task 4 Hours		62		62	2 1	,	0		0	0	3					400			0	0	0	C
oxdot	_	\perp	Task 4 Fee	\$10,6	37	\$10,687		\$490 \$1,98	\$4,650	\$0	\$2,822	\$0	\$0	\$345	\$400	\$(\$0	\$400	\$400	\$0	\$0	\$0 \$0	\$0	\$0	\$0
lacksquare	_	$\perp \downarrow \downarrow$		_					<u> </u>							_						_			
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\vdash	+	+	I U I AL FEE	\$72,2	20	\$58,986		\$1,103 \$12,27	\$12,245	\$1,720	\$13,612	\$10,375	\$3,288	\$1,668	\$2,700	\$13,240	\$13,240	\$2,700	\$1,900	\$100	\$600 \$1	JU \$13,240	\$10,000	\$1,800	\$1,440
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