

MUNICIPALITY OF ANCHORAGE – UCIP - 1  
UTILITY CAPITAL NEEDS ANALYSIS

Department	Enterprise Activities
Program Category	Anchorage Sewer Utility

POLICY GOALS

The primary goal of the Sewer Utility is to provide a high level of service and to accommodate reasonable development in all the service areas in accordance with the Comprehensive Development Plan and the new Sewer Master Plan.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

The Sewer Utility will emphasize expansion into those areas where normal development has generated or will generate a public need and provide funding to extend public sewers by means of lateral improvement districts to presently developed areas where on-site disposal systems are no longer feasible.

Construction of the 78" West Interceptor will provide downstream capacity for the expansion of the lateral system in the east and northwest sections of the Anchorage Bowl Sewer Service Area. Expansion of the Eagle River Treatment Plant will enable the Utility to meet the more stringent discharge requirements of the EPA and relieve the present overload situation in addition to providing capacity for the normal development of sewers in the Eagle River Sewer Service Area. The Girdwood/Alyeska Treatment Plant and Interceptors and the majority of the collection system are complete and operational in the Girdwood/Alyeska Sewer Service Area.

MUNICIPALITY OF ANCHORAGE – UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities	
Project Category	Sewer Treatment	SA-40

EXISTING CAPITAL IMPROVEMENT BUDGET

PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Treatment Plant Upgrade	2,200	2,200	Design is proceeding and construction will take place in 1980.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-TREATMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	1,075	131	1,377	0	702	164	3,448		
LAND AND R.O.W.	55	0	0	0	0	0	55		
CONSTRUCTION	2,700	5,808	3,622	5,669	3,883	820	22,502		
EQUIPMENT	34	441	363	11	12	0	860		
INTERFUND CHARGES	527	53	37	47	34	7	705		
OTHER	380	649	550	623	508	109	2,819		
<b>TOTAL</b>	<b>4,771</b>	<b>7,081</b>	<b>5,949</b>	<b>6,350</b>	<b>5,138</b>	<b>1,100</b>	<b>30,389</b>	<b>2,200</b>	<b>32,589</b>
SOURCE OF FUNDS									
G.O. BONDS AUTH	1,239								
G.O. BONDS UNAUTH		2,259	2,221	1,338	1,395	233	8,684	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	2,863	4,079	2,760	4,287	2,843	743	17,574	17,574	
STATE GRANT	577	692	899	714	888	124	3,894	3,894	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	93	52	69	11	12	0	237		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>4,771</b>	<b>7,081</b>	<b>5,949</b>	<b>6,350</b>	<b>5,138</b>	<b>1,100</b>	<b>30,389</b>	<b>21,468</b>	<b>8,921</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS  
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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code								
Enterprise Activities		551-8008-9400								
Program Category		Project Category								
Anchorage Sewer Utility SA-40		Treatment								
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS	
	1980	1981	1982	1983	1984	1985				
THOUSANDS OF DOLLARS										
1	Plant Upgrade	3,500						775		2,725
2	Laboratory-Replacement and New Equipment	15	52	27	11	12			117	
3	Asphalt Paving - Shop Area	59							59	
4	Plant Air Compressor	19							19	
5	Maintenance Shop Bldg.	55	455					510		
6	Treatment Plant Outfall	870	6,033					1,430		5,473
7	Pumper Truck Dump Station	253						253		
<b>TOTALS</b>		4,771	6,540	27	11	12		2,968	195	8,198

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department		Enterprise Activities	Account Code	551-8008-9400
Program Category		Anchorage Sewer Utility SA-40	Project Category	Treatment
PROJECT TITLE		SUMMARY OF PROJECT SCOPE		
1	Plant Upgrade	This project will provide intermediate capacity to process the increased flows since start up in 1972.		
2	Laboratory - Replacement and New Equipment	Equipment for collection of samples will reduce high maintenance costs on the original automatic samplers. New equipment will provide information now requested by regulatory agencies.		
3	Asphalt Paving - Shop Area	Project will restore broken and damaged paved area and pave a newly constructed roadway and parking lot.		
4	Plant Air Compressor	Unit will provide compressed air for maintenance work areas, operation of special equipment and treatment process.		
5	Maintenance Shop Building	Project will increase work area for mechanical maintenance of treatment plant and lift station equipment.		
6	Treatment Plant Outfall	Project is a part of treatment plant expansion and will satisfy EPA requirements for continued use of outfall.		
7	Pumper Truck Dump Station	Project will provide new site and station for pumper trucks to dump.		

MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Enterprise Activities					Account Code				551-8008-9400			
Program Category		Anchorage Sewer Utility SA-40					Project Category				Treatment			
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS					
	1980	1981	1982	1983	1984	1985								
THOUSANDS OF DOLLARS														
8 Administration Building Second Floor Addition		92	852				944							
9 Telemetry and Computer System		27	312				187		152					
10 Pretreatment Replacement Equipment		422					422							
11 Plant Lathe, Grinder & Miller			111				56		55					
12 Plant Power Generator System			539				295		244					
13 Drainage Channels, Floor of Incinerator Building			42					42						
14 Plant Chlorine Contract Chamber			2,815				587		2,228					
<b>TOTALS</b> ➤		541	4,671				2,491	42	2,679					

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department		Enterprise Activities	Account Code	551-8008-9400
Program Category		Anchorage Sewer Utility SA-40	Project Category	Treatment
PROJECT TITLE		SUMMARY OF PROJECT SCOPE		
8	Administration Building Second Floor Addition	Project will provide additional work area for increased staff and space for telemetry/computer system as well as allow expansion of existing laboratory.		
9	Telemetry/Computer System	Equipment collects operational data to provide 24-hour monitoring and operation of treatment plants and pump stations, thereby reducing labor and transportation costs and decreasing reaction time.		
10	Pretreatment Replacement Equipment	Project will improve solids collection/handling thus attaining more efficient use of downstream equipment as well as reduce high maintenance costs of existing facility.		
11	Plant Lathe, Grinder & Miller	Equipment for mechanical work and parts restoration.		
12	Plant Power Generation System	Necessary to meet 1982 EPA requirements for standby power system capable of sustaining plant operation in case of power failure.		
13	Drainage Channels, Floor of Incinerator Building	Project will collect and drain off water accumulation from around machinery and help keep floor dry.		
14	Plant Chlorine Contact Chamber	Project will provide increased efficiency over effluent disinfection process and will reduce the amount of liquid chlorine required. (Note: this project not necessary if outfall is extended.)		

**MUNICIPALITY OF ANCHORAGE – UCIP - 4  
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department				Account Code						
Enterprise Activities				551-8008-9400						
Program Category				Project Category						
Anchorage Sewer Utility SA-40				Treatment						
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS	
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV			
THOUSANDS OF DOLLARS										
15	Ultimate Design Collection and Processing Facilities			1,251	6,339			1,597		5,993
16	Covers for Clarifiers, Thickeners and Distribution Boxes					919		505		414
17	Sludge Incinerator No. 2					4,207		890		3,317
18	Scum Incinerator						1,100	233		867
<b>TOTALS</b>				1,251	6,339	5,126	1,100	3,224		10,590



MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department		Enterprise Activities	Account Code	551-8008-9400
Program Category		Anchorage Sewer Utility SA-40	Project Category	Treatment
PROJECT TITLE		SUMMARY OF PROJECT SCOPE		
15	Ultimate Design Collection and Processing Facilities	This project will construct the additional facilities required to increase plant capacity from 34 MGD to ultimate design capacity of 75 MGD.		
16	Covers for Clarifiers, Thickeners and Distribution Boxes	This project to provide all weather protection for equipment and treatment processes and to make it possible to perform operations and maintenance more efficiently during winter months.		
17	Sludge Incinerator No. 2	This project will provide capability to dispose of solids volume that is relative to expansion listed above and to community growth. Heat recovery will be included and the heat used within the plant.		
18	Scum Incinerator	This project will provide a means to dispose of very volatile grease and oil portion of sewage solids, thereby reducing loading on sludge incinerator and eliminating relative to the combustion of two materials with very different characteristics. Unit to be connected to the waste heat recovery system.		

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-PUMP STATIONS/FORCE MAINS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	108	46	84	0	0	0	238		
LAND AND R.O.W.	224	0	12	0	0	0	236		
CONSTRUCTION	1,063	0	1,882	0	0	0	2,945		
EQUIPMENT	35	0	0	0	0	0	35		
INTERFUND CHARGES	81	1	135	0	0	0	216		
OTHER	133	5	216	0	0	0	355		
<b>TOTAL</b>	<b>1,644</b>	<b>52</b>	<b>2,329</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,025</b>	<b>0</b>	<b>4,025</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	975								
G.O. BONDS UNAUTH		11	491	0	0	0	1,477	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	35	1,576	0	0	0	1,611	1,611	
STATE GRANT	619	6	263	0	0	0	887	887	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	50	0	0	0	0	0	50		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,644</b>	<b>52</b>	<b>2,329</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,025</b>	<b>2,498</b>	<b>1,527</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS  
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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code									
Enterprise Activities		551-8008-9400									
Program Category		Project Category						BONDS		OTHER LOCAL	STATE OR FEDERAL FUNDS
Anchorage Sewer Utility SA-40		Pump Stations/Force Mains						<input checked="" type="checkbox"/> G.O.	<input type="checkbox"/> REV		
PROJECT TITLE	TOTAL PROJECT COST						1985				
	1980	1981	1982	1983	1984	1985					
THOUSANDS OF DOLLARS											
1. Chester Creek Pumping Unit No.4	330						179			151	
2. Vibration Monitoring for Chester Creek & Campbell Creek	23							23			
3. Fish Creek Force Main No.2	1,064						596			468	
4. Intern'l. Airport Station No.15	9							9			
5. Intern'l. Airport Station No.16	6							6			
6. 22nd & Fairbanks Station No.3	6							6			
7. First Ave. Station No.1	6							6			
8. 36th Ave./Turnagain Blvd. Pump Station	200		1,488				501.5			1,186.5	
9. Emergency Generator No.2 Chester Creek Pump Station		52	427				101.4			377.6	
10. 36th Ave. Force Main			414				99			315	
<b>TOTALS</b>	<b>1,644</b>	<b>52</b>	<b>2,329</b>				<b>1,476.9</b>	<b>50</b>		<b>2,498.1</b>	

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400
Program Category Anchorage Sewer Utility SA-40		Project Category Pump Stations/Force Mains
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
1. Chester Creek Pump Unit No. 4	A revised schedule to provide this unit in 1980 is necessary to have capability of handling normal pumping requirements should one of the three existing units become inoperative.	
2. Chester Creek & Campbell Creek Vibration Monitoring	Recently developed electronic sensing device applied to shutdown major equipment in case a fault occurs, and signal to the treatment plant as well, thereby reducing damage to the equipment.	
3. Fish Creek Force Main No. 2	The increased flow into the Chester Creek Pumping Station almost exceeds the capacity of the one force main now in use. A second force main will also decrease the pumping cost as the total pumping head will be reduced.	
4. International Airport Station No. 15	Pump station building foundation eroded below concrete requires rebuilding.	
5. International Airport Station No. 16	Pumps are worn, will soon require replacement.	
6. 22nd & Fairbanks Station No. 3	Pumps are worn, will soon require replacement.	
7. First Avenue Station No. 1	Pumps are worn, will soon require replacement.	
8. 36th Avenue Pump Station	This pump station, in conjunction with a new force main, will intercept a substantial portion of the flow into the Chester Creek dumping station, indefinitely delaying further expansion of that facility. Pumping costs will also be substantially less because of the lower pumping head. Site acquisition only will occur in 1980.	
9. Chester Creek Emergency Power Generator No. 2	Project now scheduled along with above force main so as to provide emergency power for all pumps.	
10. 36th Avenue Force Main	This force main, in conjunction with 36th Avenue pump station, will direct large portion of Fish Creek trunk's flow direct to interceptor in Wisconsin Street.	

MUNICIPALITY OF ANCHORAGE — UCIP - 2  
EXISTING CAPITAL BUDGET SUMMARY

Department Enterprise Activities
Project Category Sewer Trunks and Interceptors SA 40

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
78-Inch West Interceptor	2,500	2,500	Design of Phase I is proceeding and construction will be initiated in 1979.
E-1-1 Trunk	1,430	1,430	Project under construction
Southeast Interceptor (Dimond to E-2)	1,035	1,035	Project under construction
E-1 Trunk	350	350	Design is proceeding. Waiting for creation of the trunk improvement district for initiation of construction in Spring of 1980.
New Seward/Huffman Interchange	60	60	Design is proceeding. Construction will be initiated in 1980 in conjunction with Interchange Project by State Dept. of Transportation.
International Airport Rd. Trunk	500	500	Project under construction
C-3 Trunk	1,396	150	Postponed until 1980
E-3 Trunk	733	80	Design is proceeding. Waiting for creation of the trunk improvement district for initiation of construction in Spring 1980
D-3 Trunk	157	50	Design is proceeding. Construction to be initiated in Spring 1980
CBD-1 Trunk	570	75	Design is proceeding. Construction to be initiated in Summer 1981
CBD-2 Trunk	975	100	Design is proceeding. Construction to be initiated in Summer 1981
Private Development Oversizing	150	150	Proceeding as described

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-TRUNKS AND INTERCEPTORS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	654	261	184	157	179	154	1,589		
LAND AND R.O.W.	217	148	67	62	68	64	626		
CONSTRUCTION	3,712	11,124	2,180	1,663	2,068	2,340	23,087		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	269	513	215	194	221	183	1,595		
OTHER	552	962	301	242	287	278	2,622		
<b>TOTAL</b>	<b>5,404</b>	<b>13,008</b>	<b>2,947</b>	<b>2,318</b>	<b>2,823</b>	<b>3,019</b>	<b>29,519</b>	<b>2,618</b>	<b>32,137</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	2,195								
G.O. BONDS UNAUTH		3,924	1,635	1,283	1,552	1,809	12,397	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	1,710	6,510	251	277	314	0	9,061	9,061	
STATE GRANT	1,250	2,574	1,062	758	958	1,210	7,811	7,811	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	250	0	0	0	0	0	250		
<b>TOTAL</b>	<b>5,404</b>	<b>13,008</b>	<b>2,947</b>	<b>2,318</b>	<b>2,823</b>	<b>3,019</b>	<b>29,519</b>	<b>16,872</b>	<b>12,647</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department			Account Code						
Enterprise Activities			551-8008-9400						
Program Category			Project Category						
Anchorage Sewer Utility SA-40			Trunks & Interceptors						
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
1. E-1-1 Trunk - Phase II	800						448.5		351.5
2. 78 Inch West Interceptor - Phase II	550	7,570					1,557.5		6,562.5
3. Southeast Interceptor	2,360	1,804	384	423	479		1,191.5		4,258.5
<b>TOTALS</b>	3,710	9,374	384	423	479		3,197.5		11,172.5

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department <b>Enterprise Activities</b>		Account Code <b>551-8008-9400</b>	
Program Category <b>Anchorage Sewer Utility SA-40</b>		Project Category <b>Trunks &amp; Interceptors</b>	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
1. E-1-1 Trunk, Phase II		From the intersection of 80th Avenue and Spruce Street east to Abbott Loop Road	
2. 78" West Interceptor Phase II.		Connect northeast and southeast interceptors with phase 1 of 78" west interceptor thereby diverting flow via gravity away from Campbell Creek pump station and thus avoiding overflow into Campbell Lake during peak periods of infiltration and inflow. Project is 6600 L.F. long and is planned for construction in 1981.	
3. Southeast Interceptor		<p>Connects E-1, E-2, E-3, E-4, E-5, E-6, E-7, E-8, and E-9 trunks with the 78" west interceptor. Interceptor will be located for the most part along the Alaska Railroad right-of-way and New Seward Highway for a total distance of 7 miles. Construction schedule of the interceptor to be as follows:</p> <ul style="list-style-type: none"> <li>1980 - From O'Malley Road to Huffman Road</li> <li>1981 - From Huffman Road to DeArmoun Road</li> <li>1982 - Crossing of DeArmoun and New Seward Highway interchange</li> <li>1983 - From DeArmoun to E-7 trunk</li> <li>1984 - From E-7 trunk to E-8 trunk</li> </ul>	




MUNICIPALITY OF ANCHORAGE -- UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400							
Program Category Anchorage Sewer Utility SA-40				Project Category Trunks & Interceptors					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
4. C-3 Trunk - South	558					316.5			241.5
5. D-3 Trunk	266					152.5			113.5
6. International Airport Road Trunk	321					211			110
7. "C" Street Trunk	30					17.5			12.5
8. Abbott Loop Manor Trunk	18					11			7
<b>TOTALS</b>	1,193					708.5			484.5

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department		Enterprise Activities		Account Code		551-8008-9400	
Program Category		Anchorage Sewer Utility SA-40		Project Category		Trunks & Interceptors	
PROJECT TITLE				SUMMARY OF PROJECT SCOPE			
4. C-3 Trunk (South)				From 88th Avenue and Jewel Lake Road in a northwesterly direction for a distance of approximately 1/2 mile.			
5. D-3 Trunk				From East 20th Avenue south along Pine Street approximately 1/3 of a mile.			
6. International Airport Road Trunk				Expansion of trunk system to serve parcels of land north of International Airport Road between Cambridge Way and "C" Street. This project to be constructed in conjunction with the improvement of International Airport Road by the State of Alaska Department of Transportation during 1979 and 1980 construction seasons.			
7. "C" Street Trunk				Section of "C" Street trunk to be constructed in conjunction with construction of Tudor Corners L.I.D. Improvement will start at the intersection of Old Seward Highway and 42nd Avenue and extend in an easterly direction.			
8. Abbott Loop Manor Trunk				Improvement consists of oversizing a sewer line in conjunction with Abbott Loop Manor L.I.D.			

MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department				Account Code					
Enterprise Activities				551-8008-9400					
Program Category				Project Category					
Anchorage Sewer Utility SA-40				Trunks & Interceptors					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
9. C-5-2 Trunk Phase I	85						49.5		35.5
10. Private Development Over-sizing	199	214	231	249	270	290	1,453		
11. Projects in Conjunction with Alaska Dept. of Transportation	217	235	256	274	296	320	915.5		682.5
12. C-3 Trunk - North		1,161					643.5		517.5
13. C-5-2 Trunk Phase II		732					410		322
14. 15th/Gambell Trunk		1,292					743		549
<b>TOTALS</b> 	501	3,634	487	523	566	610	4,214.5		2,106.5

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400	
Program Category Anchorage Sewer Utility		SA-40	Project Category Trunks & Interceptors
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
9. C-5-2 Trunk Phase I		Improvement consists of oversizing a sewer line in conjunction with Laurel Acres Phase II L.I.D.	
10. Private Development Oversizing		Reimbursement to developers for oversizing of systems designed to serve the entire service area.	
11. D.O.T. Projects		Reimbursement to the State of Alaska Department of Transportation for installation of sewer improvements in conjunction with State projects.	
12. C-3 Trunk (North)		From 80th Avenue and Jewel Lake Road in a westerly direction around Sand Lake	
13. C-5-2 Trunk Phase II		Extension of trunk system from approximate vicinity of 96th Avenue and Victor Road east for about 3/4 of a mile.	
14. 15th Avenue & Gambell St. Trunk		Construction of a sewer line parallel along 15th Avenue and west of Gambell Street	


MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code						
Enterprise Activities		551-8008-9400						
Program Category		Project Category						
Anchorage Sewer Utility SA-40		Trunks & Interceptors						
PROJECT TITLE	TOTAL PROJECT COST					BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985		
THOUSANDS OF DOLLARS								
15. Miscellaneous Trunk Improvement			998				559	439
16. Dimond Blvd. Trunk			80				47	33
17. Miscellaneous Trunk Improvement			998	552			871	679
18. Miscellaneous Trunk Improvement				220			126	94
<b>TOTALS</b>			2,076	772			1,603	1,245

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department <b>Enterprise Activities</b>		Account Code <b>551-8008-9400</b>	
Program Category <b>Anchorage Sewer Utility SA-40</b>		Project Category <b>Trunks &amp; Interceptors</b>	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
15. Miscellaneous Trunk Improvement		Miscellaneous Trunk Improvement pending approval of Trunk Improvement District.	
16. Dimond Blvd. Trunk		Construction of 160 linear feet of trunk under Dimond Blvd., in conjunction with the improvements of Dimond Blvd. between Jewel Lake Road and Old Seward Hwy. by the State of Alaska Department of Transportation during the 1982 construction season.	
17. Miscellaneous Trunk Improvement		Miscellaneous Trunk Improvement pending approval of Trunk Improvement District.	
18. Miscellaneous Trunk Improvement		Miscellaneous Trunk Improvement pending approval of Trunk Improvement District.	

MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department Enterprise Activities				Account Code 551-8008-9400					
Program Category Anchorage Sewer Utility SA-40				Project Category Trunks & Interceptors					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
19. Miscellaneous Trunk Improvement				600			339		261
20. Miscellaneous Trunk Improvement					607		343		264
21. C-7 Trunk					1,171		656		515
22. C-6 Trunk						2,409	1,335.5		1,073.5
<b>TOTALS</b> 				600	1,778	2,409	2,673.5		2,113.5

MUNICIPALITY OF ANCHORAGE -- UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400
Program Category Anchorage Sewer Utilities SA-40		Project Category Trunks & Interceptors
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
19. Miscellaneous Trunk Improvement	Miscellaneous Trunk Improvement pending approval of Trunk Improvement District.	
20. Miscellaneous Trunk Improvement	Miscellaneous Trunk Improvement pending approval of Trunk Improvement District.	
21. C-7 Trunk	Construction of trunk system from Turnagain Interceptor near Klatt Road in a easterly direction for approximately 1 1/2 mile along projected 115th Avenue.	
22. C-6 Trunk	Extension of the trunk system from the projected intersection of Victor Road and 104th Avenue, east along 104th Avenue (projected) a distance of approximately 1 1/2 miles.	



MUNICIPALITY OF ANCHORAGE – UCIP - 2  
EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities	
Project Category	Sewer - Laterals	SA-40

## EXISTING CAPITAL IMPROVEMENT BUDGET

PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Campbell Hts. Phase II LID	807		Canceled
Kelly LID 92	360	360	Design is completed. Construction will be initiated early summer 1979.
Zodiak Manor LID 85	100		Project postponed until construction of E-1-1 Trunk is complete.
Homecrest LID 93	90	90	Design is complete. Construction will be initiated early summer 1979.
Hathor LID 94	530	530	Design is completed and project will be under construction summer 1979.
Campbell Hts. South LID 91	590	590	Design is completed and project will be under construction summer 1979.
Marys LID 95	125	125	Design is proceeding.
Anticipated LID's	660	660	Proceeding as described.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-LATERALS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	127	118	128	138	149	161	821		
LAND AND R.O.W.	56	59	64	69	75	80	403		
CONSTRUCTION	1,392	1,478	1,596	1,724	1,862	2,011	10,063		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	166	177	192	207	224	241	1,207		
OTHER	242	310	333	360	388	421	2,054		
<b>TOTAL</b>	<b>1,983</b>	<b>2,142</b>	<b>2,313</b>	<b>2,498</b>	<b>2,698</b>	<b>2,914</b>	<b>14,548</b>	<b>0</b>	<b>14,548</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIN BURSABLES</b>
G.O. BONDS AUTH	1,141								
G.O. BONDS UNAUTH		1,256	1,355	1,464	1,581	1,708	8,503	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	843	887	958	1,035	1,118	1,207	6,046	6,045	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,983</b>	<b>2,142</b>	<b>2,313</b>	<b>2,498</b>	<b>2,698</b>	<b>2,914</b>	<b>14,548</b>	<b>6,045</b>	<b>8,503</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department Enterprise Activities			Account Code 551-8008-9400						
Program Category Anchorage Sewer Utility SA-40			Project Category Laterals						
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
1. Campbell Heights North LID	437						247		190
2. Turnagain Heights LID	368						209		159
3. Tudor Corners LID	178						102		76
4. Anticipated LID's	1,000	2,142	2,313	2,498	2,698	2,914	7,864.5		5,700.5
<b>TOTALS</b>	1,983	2,142	2,313	2,498	2,698	2,914	8,422.5		6,125.5

**MUNICIPALITY OF ANCHORAGE – UCIP - 5  
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

Department <b>Enterprise Activities</b>		Account Code <b>551-8008-9400</b>
Program Category <b>Anchorage Sewer Utility SA-40</b>		Project Category <b>Laterals</b>
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
1. Campbell Heights North LID	Property owners requested sewer improvement district, approved by assembly	
2. Turnagain Heights LID	Property owners requested sewer improvement district, approved by assembly	
3. Tudor Corners LID	Property owners requested sewer improvement district	
4. Anticipated LID's	Planned lateral sewer expansion based upon residents request and approval	

MUNICIPALITY OF ANCHORAGE -- UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities
Project Category	Sewer-Repair and Rehabilitation SA 40

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
R & R Emergency	215	215	Proceeding as described.
R & R State Right of Way	100	100	Proceeding as described.
Campbell L. 12" Trunk	370		Postponed
International Airport Trunk	175		Postponed
Knik Interceptor	595		Postponed
Fish Creek Trunk	405		Postponed
Implement Recommendations of SSES	500	500	The study is in progress. Implementation of recommendation will be initiated in 1980.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-REPAIR AND REHABILITATION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	55	180	166	145	151	135	832		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	985	2,645	2,499	2,170	2,264	2,145	12,708		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	65	242	217	188	195	173	1,080		
OTHER	35	155	139	117	122	105	673		
<b>TOTAL</b>	<b>1,140</b>	<b>3,222</b>	<b>3,021</b>	<b>2,620</b>	<b>2,732</b>	<b>2,558</b>	<b>15,293</b>	<b>0</b>	<b>15,293</b>
<b>SOURCE OF FUNDS</b>									
G.O. BONDS AUTH	112								
G.O. BONDS UNAUTH		395	436	354	367	326	1,990	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	438	1,535	1,693	1,378	1,425	1,269	7,738	7,738	
STATE GRANT	75	262	289	237	243	218	1,324	1,324	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	515	1,030	603	651	697	745	4,241		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,140</b>	<b>3,222</b>	<b>3,021</b>	<b>2,620</b>	<b>2,732</b>	<b>2,558</b>	<b>15,293</b>	<b>9,062</b>	<b>6,231</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS  
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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department Enterprise Activities				Account Code 551-8008-9400					
Program Category Anchorage Sewer Utility SA-40				Project Category Repair and Rehabilitation					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
1. Repair and Rehabilitation	385	415	449	485	524	565		2,823	
2. Implement S.S.E.S. Recommendation	625	937	1,250	1,250	1,250	1,250	1,181		5,381
3. R & R State Right-of-Way	130	142	154	166	173	180		945	
4. R & R Campbell Lake 12" Trunk		473						473	
5. R & R Fish Creek Interceptor		517	448	486	525	563	457		2,082
6. R & R Knik Interceptor		738	720				263		1,195
7. R & R Intn'l Airport Rd. Trunk				233	260		89		404
<b>TOTALS</b>	1,140	3,222	3,021	2,620	2,732	2,558	1,990	4,241	9,062

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400
Program Category Anchorage Sewer Utility SA-40		Project Category Repair and Rehabilitation
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
1. Repair & Rehabilitation	Misc. repair and rehabilitation to maintain existing sewer collection system	
2. Implement S.S.E.S. Recommendations	Planned repair of select segments of the sanitary sewer systems according to recommendations of the Sanitary Sewer Evaluation Study which is presently being conducted.	
3. R & R State Right-of-Way	Replacement or adjustment of sewer lines in State right-of-way when State Highway Division is repairing or building new highways.	
4. R & R Campbell Lake 12" Trunk	Planned repair and rehabilitation of select segments of Campbell Lake Trunk to eliminate recurring problem areas, reduce infiltration, and respond to emergency situations.	
5. R & R Fish Creek Interceptor	Planned repair and rehabilitation of select segments of the Fish Creek interceptor to eliminate recurring problem areas, reduce infiltration, and respond to emergency situations.	
6. R & R Knik Interceptor	Planned repair and rehabilitation of select segments of the Knik interceptor to eliminate recurring problem areas, reduce infiltration, and respond to emergency situations.	
7. R & R Intn'l. Airport Rd. Truck	Planned repair and rehabilitation of sanitary sewer system along International Airport Road between the terminal and Spenard Road to eliminate problems and high costs caused by shallow mains and four lift stations.	



MUNICIPALITY OF ANCHORAGE – UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities	
Project Category	Sewer-New Equipment	SA-40

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Vehicles	65	65	Proceeding as described
Miscellaneous Equipment	16	16	Proceeding as described

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 40-NEW EQUIPMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	3	0	0	0	0	0	3		
LAND AND R.D.W.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	115	131	163	84	72	104	669		
INTERFUND CHARGES	11	20	24	13	11	16	95		
OTHER	6	13	17	8	7	10	61		
<b>TOTAL</b>	<b>135</b>	<b>164</b>	<b>204</b>	<b>105</b>	<b>90</b>	<b>130</b>	<b>828</b>	<b>0</b>	<b>828</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	0								
G.O. BONDS UNAUTH		0	0	0	0	0	0	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0		
STATE GRANT	0	0	0	0	0	0	0		
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	135	164	204	105	90	130	828		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>135</b>	<b>164</b>	<b>204</b>	<b>105</b>	<b>90</b>	<b>130</b>	<b>828</b>	<b>0</b>	<b>828</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department			Account Code						
Enterprise Activities			551-8008-9400						
Program Category			Project Category						
Anchorage Sewer Utility SA-40			New Equipment						
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985			
THOUSANDS OF DOLLARS									
1	Grit, Sludge and Ash Disposal Truck	60						60	
2	Other New Vehicles	75	164	204	105	90	130	768	
<b>TOTALS</b>		135	164	204	105	90	130	828	

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 551-8008-9400
Program Category New Equipment		Project Category New Equipment
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
1 Grit, Sludge and Ash Disposal Truck	A new 10 wheel dump truck with a special enclosed box that is air and watertight.	
2 Other New Vehicles		
<u>Replacement</u>		
1967 Utility Truck #0704	Worn out, replace with 3/4 Ton Pickup.	
1976 ½ Ton Pickup #2255	Worn out, replace with 3/4 Ton Pickup.	
1971 Sewer Jet #0726	Worn out, replace with like vehicle.	

MUNICIPALITY OF ANCHORAGE – UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities
Project Category	Sewer - Trunks & Interceptors SA-50

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Eagle River Rd. Interceptor	890	890	Design is proceeding. Construction will be initiated Fall 1979.
Fire Lake Interceptor	758		Postponed until 1981
North Valley Trunk	2,172		Postponed until 1982

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY


DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 50-TRUNKS AND INTERCEPTORS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	80	11	87	121	14	80	393		
LAND AND R.O.W.	37	3	40	50	4	32	166		
CONSTRUCTION	889	470	1,018	1,448	88	1,026	4,939		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	70	47	121	156	11	105	510		
OTHER	88	58	145	207	18	141	657		
<b>TOTAL</b>	<b>1,164</b>	<b>589</b>	<b>1,411</b>	<b>1,982</b>	<b>135</b>	<b>1,384</b>	<b>6,665</b>	<b>0</b>	<b>6,665</b>
<b>SOURCE OF FUNDS</b>									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH	180								
G.O. BONDS UNAUTH		335	808	732	91	792	2,936	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	644	0	0	796	0	0	1,440	1,440	
STATE GRANT	341	255	603	454	45	593	2,289	2,289	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,164</b>	<b>589</b>	<b>1,411</b>	<b>1,982</b>	<b>135</b>	<b>1,384</b>	<b>6,665</b>	<b>3,729</b>	<b>2,936</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS  
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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department				Account Code							
Enterprise Activities				553-8012-9600							
Program Category				Project Category							
Anchorage Sewer Utility SA-50				Trunks and Interceptors							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS		
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV				
THOUSANDS OF DOLLARS											
1 Eagle River Road Interceptor	104						17		87		
2 Private Development Oversizing	21	22	24	25	28	30	150				
3 Dept. of Transportation (State) Related Projects	158	85	91	99	107	117	384		273		
4 Eagle River Road Trunk	70	482	596				648		500		
5 Fire Lake Interceptor	811			1,215			286		1,740		
<b>TOTALS</b> 	1,164	589	711	1,339	135	147	1,485		2,600		

**MUNICIPALITY OF ANCHORAGE – UCIP - 5  
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

<b>Department</b> Enterprise Activities	<b>Account Code</b> 553-8012-9600
<b>Program Category</b> Anchorage Sewer Utility SA-50	<b>Project Category</b> Trunks and Interceptors
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
1 Eagle River Road Interceptor	Approved expansion of system to allow for connection of areas along Eagle River Road with the Sewer Treatment Plant. Construction is scheduled to start in 1979, and completion in 1980.
2 Private Development Oversizing	Reimbursement to developers for oversizing of systems designed to serve the entire service area.
3 Dept. of Transportation (State) Related Projects	Reimbursement to the State of Alaska Department of Transportation for installation of sewer lines in conjunction with State projects.
4 Eagle River Road Trunk	Planned expansion of trunk system to allow service up Eagle River Road valley. Construction of project to proceed as follows:  1981 - Approximately ½ mile of trunk 1982 - Approximately ½ mile of trunk
5 Fire Lake Interceptor	Planned expansion of interceptor to serve area around Fire Lake. Construction of project to proceed as follows:  1980 - 3/4 mile of interceptor 1983 - 1 mile of interceptor



MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code								
Enterprise Activities		553-8012-9600								
Program Category		Project Category								
Anchorage Sewer Utility SA-50		Trunks and Interceptors								
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS	
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV			
THOUSANDS OF DOLLARS										
6	North Valley Trunk			700				395		305
7	Malaspina Street Trunk				643			363		280
8	Trunk East from Chugiak						1,237	693		544
<b>TOTALS</b>				700	643		1,237	1,451		1,129

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department		Enterprise Activities	Account Code	553-8012-9600
Program Category		Anchorage Sewer Utility SA-50	Project Category	Trunks and Interceptors
PROJECT TITLE		SUMMARY OF PROJECT SCOPE		
6	North Valley Trunk	Planned expansion of trunk system to serve North Valley Area.		
7	Malaspina Street Trunk	Planned expansion of trunk system along Malaspina Street.		
8	Trunk East from Chugiak	Planned expansion of trunk system in Chugiak Area.		

MUNICIPALITY OF ANCHORAGE – UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities	
Project Category	Sewer - Laterals	SA-50

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Eagle River Ranchettes LID 50-10	245		Canceled
Anticipated LID's	540	540	Proceeding as described

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 50-LATERALS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	0	65	100	108	117	126	516		
LAND AND R.O.W.	0	33	50	54	58	63	258		
CONSTRUCTION	0	648	1,000	1,080	1,166	1,260	5,154		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	0	91	140	151	163	176	721		
OTHER	0	104	160	173	187	202	826		
<b>TOTAL</b>	<b>0</b>	<b>941</b>	<b>1,450</b>	<b>1,566</b>	<b>1,691</b>	<b>1,827</b>	<b>7,475</b>	<b>0</b>	<b>7,475</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	0								
G.O. BONDS UNAUTH		539	830	896	968	1,046	4,279	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0		
STATE GRANT	0	402	620	670	723	781	3,196	3,196	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>0</b>	<b>941</b>	<b>1,450</b>	<b>1,566</b>	<b>1,691</b>	<b>1,827</b>	<b>7,475</b>	<b>3,196</b>	<b>4,279</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department Enterprise Activities			Account Code 553-8012-9600						
Program Category Anchorage Sewer Utility SA-50			Project Category Laterals						
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
1. Anticipated LID's		941	1,450	1,566	1,691	1,827	4,279		3,196
<b>TOTALS</b> ➤		941	1,450	1,566	1,691	1,827	4,279		3,196

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 553-8012-9600	
Program Category Anchorage Sewer Utility SA-50		Project Category Laterals	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
1. Anticipated LID's		This project is for lateral improvement districts that may be created in the future based upon local requests.	

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY

PROJECT CATEGORY: SA 50-NEW EQUIPMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	15	0	0	0	0	0	15		
INTERFUND CHARGES	1	0	0	0	0	0	1		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>16</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	0						0	0	
G.O. BONDS UNAUTH		0	0	0	0	0	0	0	
REVENUE BONDS	0	0	0	0	0	0	0	0	
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0	0	
OPERATING REV	16	0	0	0	0	0	16		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>16</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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**MUNICIPALITY OF ANCHORAGE – UCIP - 4  
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department <b>Enterprise Activities</b>				Account Code <b>553-8012-9600</b>					
Program Category <b>Anchorage Sewer Utility SA-50</b>				Project Category <b>New Equipment</b>					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Vehicles	16							16	
<b>TOTALS</b> ➤	16							16	



MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department Enterprise Activities		Account Code 553-8012-9600
Program Category Anchorage Sewer Utility SA-50		Project Category New Equipment
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
<u>Vehicles</u>  Replacement  #2205 ½ Ton Pickup	Worn out, replace with 1 Ton, 4x4, with snow plow.	

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY


PROJECT CATEGORY: SA 60-TREATMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	2	17	0	0	0	0	19		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	10	173	0	0	0	0	183		
EQUIPMENT	10	0	0	0	0	0	10		
INTERFUND CHARGES	0	2	0	0	0	0	2		
OTHER	2	22	0	0	0	0	24		
<b>TOTAL</b>	<b>25</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239</b>	<b>0</b>	<b>239</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	0								
G.O. BONDS UNAUTH		118	0	0	0	0	118	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	96	0	0	0	0	96	96	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	25	0	0	0	0	0	25		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>25</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239</b>	<b>96</b>	<b>143</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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**MUNICIPALITY OF ANCHORAGE – UCIP - 4  
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department			Account Code						
Enterprise Activities			555-8014-9800						
Program Category			Project Category						
Anchorage Sewer Utility SA-60			Treatment						
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985			
THOUSANDS OF DOLLARS									
1 Holding Tank	13							13	
2 Storage Building	12							12	
3 Lagoon Cover		214					118		96
<b>TOTALS</b> 	25	214					118	25	96

**MUNICIPALITY OF ANCHORAGE – UCIP - 5  
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

Department		Enterprise Activities	Account Code	555-8014-9800
Program Category		Anchorage Sewer Utility SA-60	Project Category	Treatment
PROJECT TITLE		SUMMARY OF PROJECT SCOPE		
1	Holding Tank	A larger tank is required; as the present tank does not have sufficient capacity to provide adequate biological pretreatment for the septic waste.		
2	Storage Building	Project to construct a storage building within fenced area to provide storage for major inventory and supplies.		
3	Lagoon Cover	Provide enclosure over aeration lagoon for the purpose of maintaining above freezing temperatures. During 1978-79 winter season, heavy ice formed, preventing normal treatment process and severely damaged major components of the facility resulting in unanticipated high maintenance cost.		

MUNICIPALITY OF ANCHORAGE – UCIP - 2  
 EXISTING CAPITAL BUDGET SUMMARY

Department	Enterprise Activities	
Project Category	Sewer - Laterals	SA-60

EXISTING CAPITAL IMPROVEMENT BUDGET			
PROJECT TITLE	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Girdwood/Alyeska LID 60-1 Schedule II	2,100	2,100	Design complete. Construction will be initiated during summer 1979.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: SEWER UTILITY


PROJECT CATEGORY: SA 60-LATERALS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	0	45	0	0	0	0	45		
LAND AND R.O.W.	0	20	0	0	0	0	20		
CONSTRUCTION	820	650	0	0	0	0	1,470		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	90	75	0	0	0	0	165		
OTHER	90	84	0	0	0	0	174		
<b>TOTAL</b>	<b>1,000</b>	<b>874</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,874</b>	<b>2,100</b>	<b>3,974</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
G.O. BONDS AUTH	500								
G.O. BONDS UNAUTH		479	0	0	0	0	979	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	500	395	0	0	0	0	895	895	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,000</b>	<b>874</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,874</b>	<b>895</b>	<b>979</b>

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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MUNICIPALITY OF ANCHORAGE – UCIP - 4  
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code					BONDS		OTHER LOCAL	STATE OR FEDERAL FUNDS
Enterprise Activities		555-8014-9800					<input checked="" type="checkbox"/> G.O.			
Program Category		Project Category					<input type="checkbox"/> REV			
Anchorage Sewer Utility SA-60		Laterals								
PROJECT TITLE	TOTAL PROJECT COST									
	1980	1981	1982	1983	1984	1985				
THOUSANDS OF DOLLARS										
Girdwood/Alyeska LID 60-1 Schedule I	1,000						500			500
Anticipated LID's		874					479			395
<b>TOTALS</b> 	1,000	874					979			895

MUNICIPALITY OF ANCHORAGE – UCIP - 5  
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department <b>Enterprise Activities</b>		Account Code <b>555-8014-9800</b>
Program Category <b>Anchorage Sewer Utility SA-60</b>		Project Category <b>Laterals</b>
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Girdwood/Alyeska LID 60-1 Schedule I  Anticipated LID's	<p>Completion of LID 60-1 Schedule I on which construction was initiated, Schedule 1A, in 1979.</p> <p>Planned expansion of sewer system to serve specific areas based upon local residents request.</p>	