

MUNICIPALITY OF ANCHORAGE — CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	ANCHORAGE WATER UTILITY
Program Category	ANCHORAGE WATER UTILITY

POLICY GOALS

The primary goal of the Water Utility is to provide quality water at a reasonable cost to all existing and new customers for domestic, commercial, industrial, and fire protection needs within the service area certified to the Water Utility by the Alaska Public Utilities Commission.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

The long term goals of the Water Utility emphasize realistic and orderly development and expansion of the water system including: improved production and reliability of the existing sources of water supply, through redevelopment of operating wells, the addition of new surface water supplies, and improved facility and equipment maintenance; increased production and treatment capability, through construction of additional wells and expansion of the water treatment facility; increased water reservoir storage capacity, which is needed to balance the available supply with all demands; improved monitoring and control of all water system production, treatment, storage and distribution functions, through expansion of the existing telemetry system; expansion of the distribution network in accordance with an identifiable public demand for water; and repair and replacement of existing water mains with a high potential of failure (ie- woodstave mains). With Assembly adoption of the Metropolitan Anchorage Urban Study the Water Utility will also strive for implementation of a Water Development Agency to coordinate use and development of all Anchorage water resources.

PRIORITY CRITERIA

Priorities criteria is reflected in need for a reliable and saleable public water supply. Expansion to the system follows demand, guided by the Water Distribution System Analysis, Water Resources Study, Metropolitan Anchorage Urban Study, and State and Federal regulations.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

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Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY – RESOURCE DEVELOPMENT

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Production Well/House/Site (1979 p. 110) (8838-877x)	500	500	Proceeding as described.
Production Well/House/Site (1980 p. 247) (8880-8015)	615	431	Proceeding as described. Total current funding includes state grant offer which has been appropriated. Design is underway. Construction is scheduled for 1981/1982.
Test Wells (1980 p. 247)	130	75	Project scheduled for 1982. Additional funding will be appropriated as state grant offers are received.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: RESOURCE DEVELOPMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROX	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	70	105	15	66	17	0	273		
LAND AND R.O.W.	0	23	8	38	9	0	78		
CONSTRUCTION	0	435	120	611	137	0	1,305		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	0	6	2	10	2	0	20		
OTHER	0	41	20	80	23	0	164		
TOTAL	70	610	165	805	190	0	1,840	0	1,840
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	330	99	483	114	0	1,026		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	220	66	322	76	0	684	684	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	70	60	0	0	0	0	130		
OTHER	0	0	0	0	0	0	0		
TOTAL	70	610	165	805	190	0	1,840	684	1,156

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

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Department ANCHORAGE WATER UTILITY					Account Code 541-8006-8800				
Program Category ANCHORAGE WATER UTILITY					Project Category RESOURCE DEVELOPMENT				
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Water Distribution Analysis Phase II	70	60						130	
Production Well/House/Site No. 14		550					330		220
Test Wells			165		190		213		142
Production Well/House/Sites				805			483		322

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

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Department ANCHORAGE WATER UTILITY	Account Code 541-8006-8800
Program Category ANCHORAGE WATER UTILITY	Project Category RESOURCE DEVELOPMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Water Distribution Analysis, Phase II	This project completes the water distribution analysis begun in 1980 and continued in 1981.
Production Well/House/Site No. 14	Due to the increase population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selection will depend on results of 1980-81 Test Well program. The need for Well No. 14 was recognized in the Water Distribution Analysis Final Report, page 90, dated November, 1980 which further expressed the desirability to have this well on line by 1985. Current plans are to locate the well in the area of Section 16.
Test Wells	Projects are necessary to locate production quantities of water prior to expending larger amounts of money constructing large production wells.
Production Well/House/Site	Due to the increased population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selections will depend on results of 1983-84 Test Well program.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
ANCHORAGE WATER UTILITY
Project Category
ANCHORAGE WATER UTILITY – TREATMENT

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Ship Creek Treatment Plant (Design) (1979 p. 110) (8839-9021)	500	500	Project scheduled for 1983. Design will depend upon the results of a requirements survey.
Ship Creek Treatment Plant (Construction) (1980 p. 251)	5,595	3,052	Project scheduled for 1984. Additional funding will be appropriated as state grant offers are received.
Telemetry/Remote Control (1980 p. 267)	65	38	Project scheduled for 1982. This project, in conjunction with the following project, will reduce the time necessary for operating and monitoring wells, valves, and other facilities which must presently be operated manually. Additional funding will be appropriated as state grant offers are received.
Telemetry (1981 p. 313)	35	21	Project scheduled for 1982. This project, in conjunction with the above project, will reduce the time necessary for operating and monitoring wells, valves, and other facilities which must presently be operated manually. Additional funding will be appropriated as state grant offers are received.
Upgrade Treatment (1981 p. 313)	50	50	Proceeding as described. This project was for the repair and improvement of flocculation equipment and replacement of electrical equipment and instrumentation.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: TREATMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	44	24	313	0	15	0	396		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	204	61	2,466	0	131	0	2,862		
EQUIPMENT	104	190	0	0	0	0	294		
INTERFUND CHARGES	26	31	52	0	2	0	111		
OTHER	33	35	319	0	22	0	409		
TOTAL	411	341	3,150	0	170	0	4,072	0	4,072
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	172	205	1,800	0	0	0	2,177		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	114	136	1,200	0	0	0	1,450	1,450	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	125	0	150	0	170	0	445		
OTHER	0	0	0	0	0	0	0		
TOTAL	411	341	3,150	0	170	0	4,072	1,450	2,622

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category TREATMENT					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Upgrade Wells	125		150		170			445	
Telemetrying, Phase II	286	341					377		250
Ship Creek Treatment Plant Expansion			3,000				1,800		1,200

MUNICIPALITY OF ANCHORAGE — CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Program Category ANCHORAGE WATER UTILITY		Project Category TREATMENT	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Upgrade Wells		This project will restore Well No. 1 to maximum production and efficiency during 1982. An additional well will be restored during 1984 and 1986 as conditions warrant.	
Telemetry, Phase II		This project will reduce the time necessary for operating and monitoring wells, valves and other facilities which must be operated manually at present.	
Ship Creek Treatment Plant Expansion		Anticipated appropriations needed to begin construction in 1984. Project is to expand existing water treatment plant to a 20 MGD plus capacity. Design deferred pending 1981 requirement survey.	

**MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY**

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - DISTRIBUTION RESERVOIRS

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Construct 10 MG Reservoir #4 at Tudor and Patterson (1979 p. 110) (8838-872x)	1,500	1,500	Project under design. Construction scheduled for 1981/1982. Additional funds will be appropriated as state grant offers are received.
Miscellaneous Distribution Reservoirs (1980 p. 255)	1,330	730	Project scheduled to be designed in 1982 by A/E Consultant with construction scheduled for 1983 pending availability of bond funds. Additional funds will be appropriated as state grant offers are received.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: DISTRIBUTION RESERVOIRS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	75	0	0	130	0	205		
LAND AND R.O.W.	0	10	0	0	17	0	27		
CONSTRUCTION	0	1,825	0	0	3,163	0	4,988		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	0	115	0	0	200	0	315		
OTHER	0	225	0	0	390	0	615		
TOTAL	0	2,250	0	0	3,900	0	6,150	0	6,150
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	1,350	0	0	2,340	0	3,690		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	900	0	0	1,560	0	2,460	2,460	
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		
TOTAL	0	2,250	0	0	3,900	0	6,150	2,460	3,690

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

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Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category DISTRIBUTION RESERVOIRS					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Miscellaneous Distribution Reservoirs		2,250			3,900		3,690		2,460
TOTALS		2,250			3,900		3,690		2,460

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

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Program Category ANCHORAGE WATER UTILITY		Project Category DISTRIBUTION RESERVOIRS	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Miscellaneous Distribution Reservoirs		<p>The Water Distribution Analysis Report, Volume 1, (1980) recommends that a new 10 MG reservoir be constructed in the southwest section of the Water Service Area by 1985. This project will increase availability of treated water to the Utility's customers and possibly provide an emergency reserve for Central Alaska Utility customers during periods of peak consumption, power outages, fire, etc. Demand for treated water is consistently increasing in this section of the Utility's service area. A need for additional reservoir facilities in the southwest section of the service area was addressed as early as the 1971 Water Distribution Analysis Study performed by a private consulting firm.</p>	

**MUNICIPALITY OF ANCHORAGE -- CIP - 2
EXISTING CAPITAL BUDGET SUMMARY**

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - TRANSMISSION

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
36-Inch Transmission Main from Diversion Dam to Water Treatment Plant (1977 p. 355; 1978 p. 1,107) (8839- 9012)	2,816	2,816	Proceeding as described. Final clean-up scheduled for 1981.
International Airport Road, Minnesota to "A" Street (1978 p. 1,107; 1979 p. 110) (8838-839x)	510	510	Proceeding as described. Final clean-up scheduled for 1981.
Bragaw Street 20-Inch, Providence to Tudor (1979 p. 110) (8880-8008)	150	150	Proceeding as described. Design completed. Construction scheduled for 1981/1982.
76th Avenue, Lake Otis to Hartzell (1980 p. 259) (8839-9016)	285	343	Proceeding as described. Design completed. Construction scheduled for 1981. Current funding includes state grant offer.
68th Avenue, Lake Otis to Abbott Loop Road (1980 p. 259) (8839-9015)	565	715	Proceeding as described. Design and construction scheduled for 1981. Current funding includes state grant offer.
Dowling Road 16-Inch, Peterson to New Seward Highway (1981 p. 321)	300	180	Project scheduled for design and construction in 1982. Additional funding will be appropriated when state grant offers are received.
Private Development Oversizing (1981 p. 321)	50	50	Proceeding as described.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: TRANSMISSION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROX	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	125	193	90	46	116	55	625		
LAND AND R.O.W.	15	24	15	7	20	20	101		
CONSTRUCTION	40	1,994	2,592	1,272	997	261	7,156		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	10	76	77	46	21	4	234		
OTHER	0	263	336	169	126	35	929		
TOTAL	190	2,550	3,110	1,540	1,280	375	9,045	0	9,045
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	130	1,544	1,878	936	780	237	5,505		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	60	1,006	1,232	604	500	138	3,540	3,540	
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		
TOTAL	190	2,550	3,110	1,540	1,280	375	9,045	3,540	5,505

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

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Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category TRANSMISSION					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Private Development Oversizing	40	35	30	30	30	30	195		
Abbott Loop 30-Inch/Tudor to Abbott Road	150	1,300	1,300	1,000			2,250		1,500
Chugach Way 12-Inch/Arctic Boulevard to Spenard Road		340					204		136
Abbott Road 16-Inch/Abbott Loop to Lake Otis		800					480		320
Fourth Avenue 30-Inch/Gambell to "E" Street		75	900				585		390
Debarr-15th Avenue/Airport Heights to Sitka			480				288		192
"A" Street 16-Inch/Tudor to International Airport Road			400				240		160
Fourth Avenue 24-Inch/"E" Street to "I" Street				510			306		204
Lore Road 16-Inch/Lake Otis to Abbott					750		450		300
Spruce Street 12-Inch/Lore Road to 68th Avenue					320		192		128
TOTALS	190	2,550	3,110	1,540	1,100	30	5,190		3,330

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

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Department	ANCHORAGE WATER UTILITY	Account Code	541-8006-8800
Program Category	ANCHORAGE WATER UTILITY	Project Category	TRANSMISSION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Private Development Oversizing	Projects constructed by private developers to provide water to newly developed areas. The developer is reimbursed for any oversizing required by the Water Utility.		
Abbott Loop 30-Inch/Tudor Road to Abbott Road	<p>Project was recommended in the 1971 Water Distribution System Analysis Report and will provide a major transmission main for bulk water supply to the most southern portion of the system. This main will be the backbone of the transmission grid for Section 16 and South Anchorage. It will be designed in 1982 and constructed in three phases as follows:</p> <p style="margin-left: 40px;">Phase I - from Tudor Road to Well No. 13 in 1983</p> <p style="margin-left: 40px;">Phase II - from Well No. 13 to 76th Avenue in 1984</p> <p style="margin-left: 40px;">Phase III- from 76th Avenue to Abbott Road in 1985</p>		
Chugach Way 12-Inch/Arctic Boulevard to Spenard Road	Project will eliminate a flow problem within this area and will provide water to an area along Chugach Way that presently has no water.		
Abbott Road 16-Inch/Abbott Loop to Lake Otis	Project will increase available fire flows for the southern portion of the service area in the Independence Park area. It will also connect a proposed well and reservoir in the area of Section 16 to the existing system.		
4th Avenue 30-Inch/Gambell to "E" Street	Project will increase considerably the available fire flows for the Central Business District.		
Debarr-15th Avenue/Airport Heights to Sitka	Project will provide alternate source to the north portion of the system and provide a looped system for higher levels of fire protection in the Merrill Field and CBD areas.		
"A" Street 16-Inch/Tudor to International Airport Road	Project will increase considerably the available fire flows and strengthen the transmission grid.		
4th Avenue 24-Inch/"E" Street to "I" Street	Project will increase considerably the available fire flows for the Central Business District.		
Lore Road 16-Inch/Lake Otis to Abbott	Project is necessary for transmission grid and will provide water to an area along Lore Road that presently has no water.		
Spruce Street 12-Inch/Lore Road to 68th Avenue	Project is necessary for transmission grid and will provide water to an area along Spruce Street that presently has no water.		

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Department ANCHORAGE WATER UTILITY					Account Code 541-8006-8800				
Program Category ANCHORAGE WATER UTILITY					Project Category TRANSMISSION				
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
THOUSANDS OF DOLLARS									
72nd Avenue 16-Inch/Hyatt to Lake Otis					180		108		72
40th Avenue 16-Inch/"C" Street to Denali						185	111		74
Denali Street 12-Inch/40th Avenue to Tudor Road						160	96		64

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

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Department ANCHORAGE WATER UTILITY	Account Code 541-8006-8800
Program Category ANCHORAGE WATER UTILITY	Project Category TRANSMISSION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
<p>72nd Avenue 16-Inch/Hyatt to Lake Otis</p> <p>40th Avenue 16-Inch/"C" Street Denali</p> <p>Denali Street 12-Inch/40th Avenue to Tudor Road</p>	<p>Project is necessary for transmission grid and will provide water to an area along 72nd Avenue that presently has no water.</p> <p>Project is necessary to complete a loop between Well 7 and Well 12 and strengthen the transmission grid.</p> <p>Project will strengthen transmission grid system.</p>

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - DISTRIBUTION

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
WID 307, Turnagain Heights (1977 p. 354) (8880-8005)	125	125	Scheduled for design in 1981 and construction in 1981/1982.
Anticipated W.I.D.'s (1981 p. 325)	250	150	Proceeding as described, additional funding will be appropriated as state grant offers are received.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: DISTRIBUTION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	75	75	75	75	75	75	450		
LAND AND R.O.W.	7	7	7	7	7	7	42		
CONSTRUCTION	556	556	556	556	556	556	3,336		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	56	56	56	56	56	56	336		
OTHER	56	56	56	56	56	56	336		
TOTAL	750	750	750	750	750	750	4,500	0	4,500
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	450	450	450	450	450	450	2,700		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	300	300	300	300	300	300	1,800	1,800	
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		
TOTAL	750	750	750	750	750	750	4,500	1,800	2,700

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

**MUNICIPALITY OF ANCHORAGE — CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

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Department ANCHORAGE WATER UTILITY					Account Code 541-8006-8800				
Program Category ANCHORAGE WATER UTILITY					Project Category DISTRIBUTION				
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Anticipated W.I.D.'s	750	750	750	750	750	750	2,700		1,800
TOTALS	750	750	750	750	750	750	2,700		1,800

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

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Program Category ANCHORAGE WATER UTILITY		Project Category DISTRIBUTION	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Anticipated Water Improvement Districts		Projects are initiated by property owners in any part of the Water Utility's service area requesting service be provided. Costs are computed and approved by over 50% of the affected property owners. The improvement districts are then officially created by the Assembly and planning is begun to provide the level of service requested.	

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

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - UPGRADE TRANSMISSION

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Upgrade Providence Avenue 10-Inch from Hospital to AMU (1979 p. 110)	150	150	Project scheduled for construction during 1982.
Replace Gambell Street 10-Inch wood stave with 30-Inch from 5th to 4th Streets and with 16-Inch from 4th to 2nd Streets (1980 p. 271)	300	207	Pre-design survey complete. Project scheduled for design and construction in 1981/1982. Additional funding will be appropriated as state grant offers are received.
Ingra Street 16-Inch from 5th to 15th Streets (1980 p. 271)	250	154	Project scheduled for construction during 1982/1983. Additional funding will be appropriated as state grant offers are received.
Telemetry and remote control (1979 p. 110; 1980 p. 267)	115	78	Project scheduled for construction during 1982. Additional funding will be appropriated as state grant offers are received.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: UPGRADE TRANSMISSION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	12	54	73	14	46	35	234		
LAND AND R.O.W.	0	8	13	0	18	5	44		
CONSTRUCTION	117	861	1,190	140	338	320	2,966		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	3	19	40	4	9	12	87		
OTHER	18	128	165	22	54	48	435		
TOTAL	150	1,070	1,481	180	465	420	3,766	0	3,766
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	676	1,007	0	279	318	2,280		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	314	354	0	186	102	956	956	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	150	80	120	180	0	0	530		
OTHER	0	0	0	0	0	0	0		
TOTAL	150	1,070	1,481	180	465	420	3,766	956	2,810

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

PAGE 298

Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category UPGRADE TRANSMISSION					
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987	<input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV		
	THOUSANDS OF DOLLARS								
Miscellaneous Valve Vault Improvements	150	80	120	180				530	
Providence Avenue/AMU East 3,000 feet		250					150		100
Replace "I" Street 10-Inch with 16-Inch, 4th to 7th Avenue		140					106		34
Replace "C" Street 8-Inch with 16-Inch, 5th to 15th Avenue		600					420		180
Spenard Road 12-Inch/Hillcrest to 15th Avenue			545				424		121
Replace "I" Street 10-Inch with 16-Inch, 7th to 10th Avenue			380				287		93
"I" Street between 10th and 15th Avenue			216				164		52
East 15th Avenue 16-Inch/ Sitka to Well #12			220				132		88
TOTALS	150	1,070	1,481	180			1,683	530	668

MUNICIPALITY OF ANCHORAGE — CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

PAGE 299

Department ANCHORAGE WATER UTILITY Program Category ANCHORAGE WATER UTILITY	Account Code 541-8006-8800 Project Category UPGRADE TRANSMISSION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Miscellaneous Valve Vault Improvements	<p>Project is for the upgrade and rehabilitation of four pressure reducing vaults and will provide for adequate ventilation, electrical service, heat, and correct other deficiencies. Improvements will provide safer access and working conditions for operational personnel who must enter them daily. Vaults to be rehabilitated include:</p>
	<p>1982- Final work on Northern Lights Boulevard (East High) and Providence/Lake Otis pressure reducing vaults 1983- Chrysler Pit pressure reducing vault 1984- Tudor/Boniface pressure reducing vault 1985- ERA pit pressure reducing vault</p>
Providence Avenue/AMU East 3,000 feet	<p>Project is necessary for transmission grid to provide water for distribution to the institutional area which was identified on the Water Distribution Analysis Final Report dated November 1980 as being an area of low water flow.</p>
Replace "I" Street 10-Inch with 16-Inch, 4th to 7th Avenue	<p>Project will replace a deteriorating system as required to improve transmission grid so water will be available for distribution. The project will also increase reliability of the system in the event of a major fire.</p>
Replace "C" Street 8-Inch with 16-Inch, 5th to 15th Avenue	<p>Project is necessary for transmission grid so water will be available for distribution to the Central Downtown area south to 15th Avenue along "C" Street.</p>
Spenard Road 12-Inch/Hillcrest to 15th Avenue	<p>Project is necessary for transmission grid so water will be available for distribution.</p>
Replace "I" Street 10-Inch with 16-Inch 7th to 10th Avenue	<p>Project will replace a deteriorating wood stave water main with a ductile iron main and will improve the transmission grid in the area.</p>
"I" Street between 10th and 15th Avenue	<p>Project will replace deteriorating 10-Inch Wood Stave water main with a 16-Inch ductile iron main and will improve the transmission grid in the area.</p>
East 15th Avenue 16-Inch/Sitka to Well No. 2	<p>Project is necessary to improve transmission grid so water will be available for distribution.</p>

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

PAGE 300

Department ANCHORAGE WATER UTILITY					Account Code 541-8006-8800				
Program Category ANCHORAGE WATER UTILITY					Project Category UPGRADE TRANSMISSION				
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER	STATE OR
	1982	1983	1984	1985	1986	1987	<input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	LOCAL	FEDERAL
	THOUSANDS OF DOLLARS								
West Northern Lights/Wendy's to Telequana					465		279		186
Replace 15th Avenue 10-Inch/ "C" Street to "I" Street						420	318		102
TOTALS					465	420	597		288

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

PAGE 301

Department ANCHORAGE WATER UTILITY	Account Code 541-8006-8800
Program Category ANCHORAGE WATER UTILITY	Project Category UPGRADE TRANSMISSION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
<p>West Northern Lights/Wendy's to Telequana</p> <p>Replace 15th Avenue 10-Inch/"C" Street to "I" Street</p>	<p>Project will be constructed in conjunction with the State Department of Transportation and Public Facilities' upgrade of West Northern Lights Boulevard. It is needed to improve the transmission grid in the area and to provide increased availability of water in the event of a major fire.</p> <p>Project will replace a deteriorating wood stave water main with a ductile iron main and will improve the transmission grid in the area.</p>

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
ANCHORAGE WATER UTILITY
Project Category
WATER UTILITY – REPAIR AND REHABILITATION

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Wisconsin Street 1,300 feet of 12-Inch main (1977 p. 369) (8880-8013)	142	142	Proceeding as described. Construction scheduled for 1981/1982.
Emergency R & R (1981 p. 337)	100	100	Proceeding as described. Project is to repair or replace defects in the system on an unscheduled, as required, basis.
ADOT Projects (1981 p. 337)	260	156	Proceeding as described. Miscellaneous projects that occur as a result of various State Highway Department improvements that require construc- tion of new facilities prior to paving. When notified by the State, these projects are designed and constructed. Additional funding will be appropriated as state grant offers are received.
Public Works Projects (1981 p. 337)	160	96	Proceeding as described. Miscellaneous projects that occur as a result of various Public Works paving projects that require relocation or construction of new facilities prior to paving. These projects are designed and constructed as scheduled and funds are available. Additional funding will be appropriated as state grant offers are received.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

Page 303

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: REPAIR AND REHABILITATION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	54	84	74	55	68	51	386		
LAND AND R.O.W.	20	34	32	24	28	23	161		
CONSTRUCTION	644	863	882	701	860	678	4,628		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	51	79	66	39	54	29	318		
OTHER	106	144	134	106	135	114	739		
TOTAL	875	1,204	1,188	925	1,145	895	6,232	0	6,232
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	336	368	400	432	480	528	2,544		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	84	191	100	108	120	132	735	735	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	455	645	688	385	545	235	2,953		
OTHER	0	0	0	0	0	0	0		
TOTAL	875	1,204	1,188	925	1,145	895	6,232	735	5,497

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

PAGE 304

Department ANCHORAGE WATER UTILITY					Account Code 541-8006-8800				
Program Category ANCHORAGE WATER UTILITY					Project Category REPAIR AND REHABILITATION				
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
R & R Emergency	100	100	100	100	100	100		600	
State DOTPF Highway Related Projects	260	230	250	270	300	330	1,312		328
Public Works Road Related Projects	160	230	250	270	300	330	1,232		308
Woodstave line Replacements	220	509	453	150	310			1,543	99
Fire Department Requests	100	100	100	100	100	100		600	
Miscellaneous Upgrade	35	35	35	35	35	35		210	
						</			

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

PAGE 305

Department ANCHORAGE WATER UTILITY	Account Code 541-8006-8800
Program Category ANCHORAGE WATER UTILITY	Project Category REPAIR AND REHABILITATION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
R & R Emergency	These are emergency projects to repair breaks in the water system. These breaks require immediate attention and the repairs must be done promptly.
State DOTPF Highway Related Projects	Miscellaneous projects that occur as a result of various State Highway Department improvements that require construction of new facilities prior to paving. When notified by the State, these projects are designed and constructed.
Public Works Road Related Projects	Miscellaneous projects that occur as a result of various Public Works paving projects that require relocation or construction of new facilities prior to paving. These projects are designed and constructed as planned.
Woodstave Line Replacements	<p>Project will replace deteriorating woodstave water mains with ductile iron water mains and will improve the transmission grids in the affected areas by increasing main sizes as necessary to meet expanding water needs. Mains scheduled for replacement include the following:</p> <p>1982 -Panoramic View Apartments between buildings 2,3,4, and 5. (6-Inch woodstave to 8-Inch ductile iron) -10/11 Alley between "N" and "P" Streets. (6-Inch woodstave to 8-Inch ductile iron)</p> <p>1983 -10th Avenue between "I" and "N" Streets. (6-Inch woodstave to 16-Inch ductile iron) -Manor Street between Delaney and Brown. (6-Inch woodstave to 8-Inch ductile iron) -Elm Street between Dogwood and Bluff. (6-Inch woodstave to 8-Inch ductile iron)</p> <p>1984 -Park Strip between 9th and 10th Avenue and "M" and "N" Streets. (6-Inch woodstave to 8-Inch ductile iron) -"K" Street between 8th and 9th Alley and 5th Avenue. (6-Inch woodstave to 8-Inch ductile iron)</p> <p>1985 -13th Avenue from "K" to "I" Street. (6-Inch woodstave to 8-Inch ductile iron)</p> <p>1986 -15th Avenue from "I" to "L" Street. (8-Inch woodstave to 8-Inch ductile iron) -Cassius Court from Rosemary to Thunderbird. (6-Inch woodstave to 8-Inch ductile iron)</p>
Fire Department Requests	Project involves the upgrade of existing mains and hydrants to meet requirements established by the Anchorage Fire Department.
Miscellaneous Upgrade	Upgrade of various miscellaneous water mains to meet customer requirements on an as required basis.

**MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY**

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - NEW EQUIPMENT

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR			
PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Meters (1981 p. 341)	100	100	Proceeding as described.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: NEW EQUIPMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	293	236	41	0	0	54	624		
EQUIPMENT	241	280	285	231	237	190	1,464		
INTERFUND CHARGES	39	37	30	10	10	10	136		
OTHER	70	58	25	10	10	10	183		
TOTAL	643	611	381	251	257	264	2,407	0	2,407
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	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	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	643	611	381	251	257	264	2,407		
OTHER	0	0	0	0	0	0	0		
TOTAL	643	611	381	251	257	264	2,407	0	2,407

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

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Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category NEW EQUIPMENT					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Vehicles	100	160	160	100	100	100		720	
Water Meters	25	30	35	41	47	54		232	
Continuing Property Record Management Information System	408	311	76					795	

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

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Program Category ANCHORAGE WATER UTILITY		Project Category NEW EQUIPMENT	
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Vehicles	<p>This project is the planned replacement of wornout or wrecked vehicles as indicated below:</p> <p>1982 - 2 1972 1/2 Ton Pickups (2182, 2183) 2 1972 Utility Trucks (0710, 0711) 1 1974 1/2 Ton Pickup (2190) 1 1977 1 Ton 4x4 Pickup with snow plow (2636) 1 1974 Sedan (1729) 1 1972 Case Backhoe (0709) 1 1971 Boiler Truck (0708)</p> <p>1983 - 1 1962 Boiler Truck (0700) 1 1971 Drott Backhoe (0707) 1 1973 Dump Truck (0716) 1 1973 Boiler Truck (0713) 1 1974 3/4 Ton Utility Truck (2311) 2 1977 Sedans (2012, 2016) 1 1977 1/2 Ton Pickups 4x4 (2169)</p> <p>1984 - 1 1966 F-100 Truck (0702) 1 1970 Boiler Truck (0706) 1 1973 Case Loader (0714) 1 1976 Boiler Truck (0746) 1 1976 Bantam Backhoe (0745) 1 1977 International Ladstar (0757) 1 1977 1 Ton 4x4 Pickup with snowplow (0756)</p> <p>1985 thru 1987 - various equipment and vehicles</p>		
Water Meters	<p>Purchase of new water meters to enable Water Utility to maintain existing water metering program within its approved service area. Sizes listed as follows:</p> <p>5/8 " - 25 1" - 25 1 1/2" - 20 2" - 30 2" turb. 10 6" comp. 02 6" turb. 02</p>		
Continuing Property Record Management Information System	<p>This project will provide an automated continuous property record account system as required by state directives. When completed the system will serve both the Water and Sewer Utilities. Both Utilities are participating in the cost of purchasing this system.</p>		

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

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Project Category ANCHORAGE WATER UTILITY		Project Category NEW EQUIPMENT	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Valve Box Dust Pans		This project is the pruchase of valve box dust pans to be installed on key boxes throughout the system thereby preventing dust and debris from entering into and causing a malfunction of the valves.	
Miscellaneous Equipment		This project is the orderly replacement of worn out or unservicable miscella- neous small equipment beyond the feasibility of being repaired. Also included are a lime feeder and an alum feeder for the Water Treatment Facility in 1982.	

MUNICIPALITY OF ANCHORAGE — CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	ANCHORAGE WATER UTILITY
Project Category	ANCHORAGE WATER UTILITY - BUILDINGS

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Headquarters Building Generator Room (1980 p. 284)	70	70	Project scheduled for construction in 1981/1982.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

Page 313

DEPARTMENT: WATER UTILITY

PROJECT CATEGORY: BUILDINGS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	23	0	0	0	0	0	23		
LAND AND R.O.W.	154	0	0	0	0	0	154		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	25	0	0	0	0	0	25		
OTHER	28	0	0	0	0	0	28		
TOTAL	230	0	0	0	0	0	230	0	230
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.									
G.O. BONDS UNAUTH.	0	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	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	230	0	0	0	0	0	230		
OTHER	0	0	0	0	0	0	0		
TOTAL	230	0	0	0	0	0	230	0	230

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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Department ANCHORAGE WATER UTILITY				Account Code 541-8006-8800					
Program Category ANCHORAGE WATER UTILITY				Project Category BUILDINGS					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Vehicle Warm Storage Expansion	230							230	
TOTALS	230							230	

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

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Department ANCHORAGE WATER UTILITY		Account Code 541-8006-8800	
Program Category ANCHORAGE WATER UTILITY		Project Category BUILDINGS	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Vehicle Warm Storage Expansion		This project will provide for the facilities to park twelve additional vehicles indoors.	