



CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control Engineering			(2) Project Title S.E. Interceptor				(3) Priority Number 76-1	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	1,984,000			300,000	1,684,000				
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	248,000				248,000				
Federal	1,488,000				1,488,000				
Sewer Bonds	248,000				248,000				
TOTAL									
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>139,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1975</u> (24) Estimated Completion Date <u>July 1977</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(25) Project Description and Justification (Continue on Additional Sheets, same size)  Interceptor (36") expansion from terminus east of Alaska Railroad at Dimond Blvd south to junction of E-5 trunk to allow continued growth of the sewer system.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control Engineering			(2) Project Title Campbell Creek Force Main and Pump				(3) Priority Number 76-2
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	33,000			33,000				
Federal	197,000			197,000				
Sewer Bonds	33,000			33,000				
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00			
(21) Architectural and Engineering Fees: 18,000		(22) Percent of Building Cost 7 %						
(23) Estimated Start Date July 1975		(24) Estimated Completion Date July 1976						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected	First Year  Full Year			17,400	17,400			
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p>To provide ultimate planned capacity to the Campbell Creek Pump Station by building a new parallel 20" Force Main to Diamond Blvd and install the fourth pump and motor at the station.</p>								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Chester Creek Pump				(3) Priority Number 76-3
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	127,000			127,000				
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	16,000			16,000				
Federal	95,000			95,000				
Sewer Bonds	16,000			16,000				
TOTAL	127,000			127,000				
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code 00 (21) Architectural and Engineering Fees: 1800      (22) Percent of Building Cost 7% (23) Estimated Start Date July 1975      (24) Estimated Completion Date July 1976								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year			17,400	17,400			
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  To provide ultimate planned capacity to the Chester Creek Pump Station by installing the fourth pump and motor at the station.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title S.E. Interceptor E-5 to E-8			(3) Priority Number 77-1	
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
Estimated Cost by Object								
(12) Equip. (Moveable)								
(13) Land								
(14) Buildings								
(15) Other Improvements	2,131,000				320,000	1,811,000		
(16) Other								
TOTAL								
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	266,500					266,500		
Federal	1,598,000					1,598,000		
Sewer Bonds	266,500					266,500		
TOTAL								
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00								
(21) Architectural and Engineering Fees: 149,000 (22) Percent of Building Cost 7%								
(23) Estimated Start Date July 1976 (24) Estimated Completion Date July 1978								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)								
Interceptor (36") expansion along east side of Alaska Railroad from E-5 (Huffman) to E-8 (DeArmon Road) to allow continued growth of the sewer system.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Deep Service Risers				(3) Priority Number 75-3
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
Estimated Cost by Object								
(12) Equip. (Moveable)								
(13) Land								
(14) Buildings								
(15) Other Improvements	112,500			22,500	22,500	22,500	22,500	22,500
(16) Other								
TOTAL								
(17) Estimated Cost by Source of Funds								
Code Fund Title								
Sewer Bonds	112,500			22,500	22,500	22,500	22,500	22,500
TOTAL								
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00								
(21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ %.								
(23) Estimated Start Date July 1975 (24) Estimated Completion Date July 1980								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year		6,250		6,250			
(26) Project Description and Justification (Continue on Additional Sheets, same size)								
To construct new deep service risers on eastline mains to allow service connections to exceptionally deep or large reinforced concrete mains. This service is provided to assure the integrity of these mains which normally are large and difficult to tap because of type of pipe depth and ground water conditions.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title West Interceptor 78"					(3) Priority 77-2
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	2,548,000		20,000		382,000	2,146,000			
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	318,500					318,500			
Federal	1,911,000					1,911,000			
Sewer Bonds	318,500					318,500			
TOTAL	2,548,000					2,548,000			
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 178,000 (22) Percent of Building Cost 7 %									
(23) Estimated Start Date July 1976 (24) Estimated Completion Date July 1978									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Final link in the West Interceptor system to divert system flow east of Alaska Railroad by gravity and thereby eliminate the pumping costs by bypassing the Campbell Creek Pumping Station.									



GREATER ANCHORAGE AREA BOROUGH  
 DEPARTMENT of PUBLIC WORKS (1)  
 5 YR CAPITAL IMPROVEMENT PROGRAM

DATE March 1974

SUMMARY OF Trunk Sewers (Cont.) Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Trunk C-7 Extension to Sub-trunk Eagle River Valley North	\$ 546,000	\$ 136,500	\$	\$ 409,500	\$			82,000	464,000		
Trunk E-2	161,000	40,500		120,500			24,000	137,000		89,000	
Trunk E-3	89,000	22,500		66,500						427,000	
Trunk E-4	427,000	106,500		320,500						128,000	
Trunk C-3	128,000	32,000		96,000							
Trunk C-3	189,000	47,500		141,500					28,000	161,000	
NOTE: Each project spread over two years with 15% in first year.											
Total Projects	7,864,000	1,966,500		5,897,500							
Less 73/74 C.I.P.	653,500										
Net	7,210,500										
* Other Source of Funding	Total State Funds (11)										
a General Obligation Bonds	Total Federal Funds										
b Revenue Bonds	Total Bond Funds Authorized										
c City of Anchorage	Total Bond Funds Not Authorized (a)					2,691,500	1,718,000	412,000	1,584,000	805,000	
d Fund Balance	Total Contributions										
e Contributions from _____	Total Other										
f Service Charges	TOTAL - FUNDING REQUIRED (12)					2,691,500	1,718,000	412,000	1,584,000	805,000	
g _____ (Indicate Source)											

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Sub-Trunk D-2-4				(3) Priority Number 75-4
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	1,167,000*	583,500	583,500					
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	291,750		145,875					
Sewer Bonds	875,250		437,625					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code 00 (21) Architectural and Engineering Fees: 82,000**      (22) Percent of Building Cost 7% (23) Estimated Start Date July 1973      (24) Estimated Completion Date July 1975								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) Trunk extension located east of Muldoon Road and running northsouth from 10th Avenue to Chugach Foothills Subdivision. This trunk will allow development of all privately owned lands east of Muldoon Road and south of Chester Creek.  * It is estimated that 1/2 of this trunk cost will be spent in FY 74.  ** Engineering to be completed in FY 74.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Subtrunk E-1-1 to E-1-1-1			(3) Priority Number 75-5	
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
Estimated Cost by Object								
(12) Equip. (Moveable)								
(13) Land								
(14) Buildings								
(15) Other Improvements	636,000	30,000	606,000					
(16) Other								
TOTAL								
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	159,000		159,000					
Sewer Bonds	477,000		477,000					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00								
(21) Architectural and Engineering Fees: 30,000* (22) Percent of Building Cost 4 %								
(23) Estimated Start Date July 1973 (24) Estimated Completion Date July 1975								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)								
Trunk extension to E-1-1 trunk from Parkway Estates Subdivision east to Lake Otis Road. This trunk will allow development of that area generally bound by Dowling Road on the north, 76th on the south, the New Seward Highway on the west and Lake Otis on the east.								
* Engineering to be completed in FY 74.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Subtrunk E-1-1-1				(3) Priority Number 75-6	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	738,000	40,000	698,000						
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	184,500		184,500						
Sewer Bonds	<u>553,500</u>		<u>553,500</u>						
TOTAL	738,000		738,000						
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>40,000*</u> (22) Percent of Building Cost <u>5</u> % (23) Estimated Start Date <u>July 1973</u> (24) Estimated Completion Date <u>July 1975</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year  Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension from Lake Otis Road to Military Reservation. This trunk will provide trunk service to the existing development in the Campbell Heights Subdivision.  * Engineering to be completed in FY 74.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title C-5-2 Subtrunk					(3) Priority Number 75-7
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	426,000		426,000						
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	106,500		106,500						
Sewer Bonds	319,500		319,500						
TOTAL	426,000		426,000						
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code 00 (21) Architectural and Engineering Fees: * _____      (22) Percent of Building Cost _____ % (23) Estimated Start Date July 1974      (24) Estimated Completion Date July 1975									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension located east of Campbell Lake from Campbell Terrace Subdivision east to Kings Road. This trunk will provide service only to undeveloped lands including the Laurel Acres Subdivision where both LID and RID's have been formed.  * Engineering completed FY 73.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title A-2 Trunk Extension					(3) Priority Number 75-8
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	78,000		78,000						
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	19,000		19,000						
Sewer Bonds	59,000		59,000						
TOTAL	78,000		78,000						
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 5,400 (22) Percent of Building Cost 7 %									
(23) Estimated Start Date July 1974 (24) Estimated Completion Date July 1975									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve the Delong Lake Area.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title "C" Street Trunk				(3) Priority Number 75-9
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	545,000		82,000	463,000				
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	136,500			136,500				
Sewer Bonds	408,500			408,500				
TOTAL	545,000			545,000				
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00			
(21) Architectural and Engineering Fees: 38,000		(22) Percent of Building Cost 7 %						
(23) Estimated Start Date July 1974		(24) Estimated Completion Date July 1976						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year  Full Year							
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p>Trunk extension between "C" and Arctic running south from 36th Avenue to serve largely undeveloped industrial acreage between Arctic and the Old Seward Highway and 36th Avenue and International Airport Road.</p> <p>The need for the trunk was not envisioned in the Master Sewer Plan. It is necessary, however, because the existing Fish Creek Trunk is not of adequate depth to serve the area by gravity and it has been scheduled in advance of Arctic Road Improvement as a portion of the alignment will be in Arctic Boulevard.</p>								

CAPITAL PROJECT ESTIMATE		(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk C-2				(3) Priority Number 75-10
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	191,000		29,000	162,000					
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	47,500			47,500					
Sewer Bonds	143,500			143,500					
TOTAL	191,000			191,000					
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code _____				
(21) Architectural and Engineering Fees: 13,000		(22) Percent of Building Cost 7 %							
(23) Estimated Start Date July 1974		(24) Estimated Completion Date July 1976							
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Trunk extension along the north shore of Sand Lake to serve developing areas north and east of Sand Lake.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk C-6					Priority Number 75-11
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	546,000		82,000	464,000					
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	136,500			136,500					
Sewer Bonds	409,500			409,500					
TOTAL	546,000			546,000					
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 38,000 (22) Percent of Building Cost 7 %									
(23) Estimated Start Date July 1974 (24) Estimated Completion Date July 1976									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Trunk extension in the Bayshore West area to serve planned development in this area up to Victor Road. It is not expected that this trunk will be extended further east in the future as recommended by the Planning Department.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk D-3				(3) Priority Number 75-12	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	137,000		21,000	116,000					
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	34,500			34,500					
Sewer Bonds	<u>102,500</u>			<u>102,500</u>					
TOTAL	137,000			137,000					
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>9,600</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>July 1976</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year  Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve undeveloped area between 20th and Northern Lights lying east of Pine Street.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Sub-Trunk E-1-1 (E-1-1-1 to E-1-1-2)				(3) Priority by number <u>77-1</u>
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	948,000				142,000	806,000		
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	237,000					237,000		
Sewer Bonds	<u>711,000</u>					<u>711,000</u>		
TOTAL	948,000					948,000		
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code <u>00</u>			
(21) Architectural and Engineering Fees: <u>66,000</u>		(22) Percent of Building Cost <u>7</u> %.						
(23) Estimated Start Date <u>July 1974</u>				(24) Estimated Completion Date <u>July 1976</u>				
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve that area bounded by Lake Otis and Abbott Road and 72nd and 82nd Avenue.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Eagle River Valley North				(3) Priority Number 75-13	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	575,000		86,000	489,000					
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	143,500			143,500					
Sewer Bonds	<u>431,500</u>			<u>431,500</u>					
TOTAL	575,000			575,000					
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>40,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>July 1976</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to build the first phase of the Main Eagle River Valley north trunk starting at the Glenn Highway then eastward south of Eagle River Loop Road.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk E-1				(3) Priority Number 77-2
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	337,000				51,000	286,000		
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	84,500					84,500		
Sewer Bonds	<u>252,500</u>					<u>252,500</u>		
TOTAL	337,000					337,000		
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code <u>00</u>			
(21) Architectural and Engineering Fees: <u>24,000</u>		(22) Percent of Building Cost <u>7</u> %						
(23) Estimated Start Date <u>July 1974</u>		(24) Estimated Completion Date <u>July 1976</u>						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve that area bounded by 92nd on the south and 82nd on the north, Lake Otis on the west and Abbott Road on the east.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk G-7				(3) Priority Number 76-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	546,000				82,000	464,000		
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	136,500					136,500		
Sewer Bonds	<u>409,500</u>					<u>409,500</u>		
TOTAL	546,000					546,000		
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>38,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1975</u> (24) Estimated Completion Date <u>July 1977</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve the area in the vicinity of Klatt Road.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Extension to Sub-Trunk Eagle River Valley North					(3) Priority Number 76-7
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements									
(16) Other									
<b>TOTAL</b>	161,000			24,000	137,000				
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	40,500				40,500				
Sewer Bonds	120,500				120,500				
<b>TOTAL</b>									
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 11,000 (22) Percent of Building Cost 7 %									
(23) Estimated Start Date July 1975 (24) Estimated Completion Date July 1977									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(25) Project Description and Justification (Continue on Additional Sheets, same size)									
Trunk extension (10") east along Eagle River Road from junction of Eagle River Road and the Loop Road.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk E-2				(3) Priority Number 79-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	89,000						89,000	
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
State	22,500						22,500	
Sewer Bonds	<u>66,500</u>						<u>66,500</u>	
TOTAL	89,000						89,000	
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>6,200</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1976</u> (24) Estimated Completion Date <u>July 1978</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk extension to serve areas east of the Alaska Railroad and south of Dimond Blvd.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk E-3				(3) Priority <del>Number</del> 79-2	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other <b>TOTAL</b>	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	427,000						427,000		
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	106,500						106,600		
Sewer Bonds	<u>320,500</u>						<u>320,500</u>		
<b>TOTAL</b>	427,000						427,000		
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>30,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1976</u> (24) Estimated Completion Date <u>July 1978</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk E-3 extension to serve areas east of the Alaska Railroad and north of O'Malley Road.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk E-4				(3) Priority Number 77-3	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	128,000						128,000		
(17) Estimated Cost by Source of Funds									
Code    Fund    Title									
State	32,000						32,000		
Sewer Bonds	96,000						96,000		
TOTAL	128,000						128,000		
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>9,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1976</u> (24) Estimated Completion Date <u>July 1978</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year  Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk E-4 extension to serve areas east of the New Seward Highway and north of Huffman Road.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Trunk C-3					(3) Priority Number 78-1
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements									
(16) Other									
TOTAL	189,000					28,000		161,000	
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	47,500							47,500	
Sewer Bonds	141,500							141,500	
TOTAL	189,000							189,000	
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code _____ 00 (21) Architectural and Engineering Fees: 13,000      (22) Percent of Building Cost 7 % (23) Estimated Start Date July 1977      (24) Estimated Completion Date July 1979									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(25) Project Description and Justification (Continue on Additional Sheets, same size)  Trunk C-3 extension to serve the area south of Sand Lake and east of Jewel Lake Road.									



CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Laurel Acres				(3) Priority Number 75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	947,000		947,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	237,000		237,000					
General Obligation Bonds	<u>710,000</u>		<u>710,000</u>					
TOTAL	947,000		947,000					
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>66,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>July 1975</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Lateral sewers to the Laurelake Subdivision south of Dimond and east of Victor Road.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Anticipated L.I.D.'s					(3) Priority Number
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
Estimated Cost by Object				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	11,000,000		2,000,000	2,500,000	2,500,000	2,000,000	2,000,000		
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
State	2,250,000		500,000	625,000	625,000	500,000	-0-		
General Obligation Bonds	8,750,000		1,500,000	1,875,000	1,875,000	1,500,000	2,000,000		
TOTAL	11,000,000		2,000,000	2,500,000	2,500,000	2,000,000	2,000,000		
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>805,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>July 1979</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Anticipated petition requested lateral projects from existing developed areas over the next five years.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Rehabilitation Projects				(3) Priority Number 75-4
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	200,000		200,000					
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
G.O. Bonds	200,000		200,000					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code <u>00</u>			
(21) Architectural and Engineering Fees: <u>\$14,000</u>		(22) Percent of Building Cost <u>7</u> %						
(23) Estimated Start Date <u>10/74</u>		(24) Estimated Completion Date <u>7/75</u>						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) Rehabilitation of Fish Creek Trunk Downstream of Alaska Railroad.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title System Analysis					(3) Priority Number 75-5
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	415,000		83,000	83,000	83,000	83,000	83,000	83,000	
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
G.O. Bonds	415,000		83,000	83,000	83,000	83,000	83,000	83,000	
TOTAL									
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>\$29,050</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date _____      (24) Estimated Completion Date _____									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size) Internal television inspection of existing sewer system in areas of high infiltration.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Rehabilitation Projects					(3) Priority Number 75-3
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	1,885,000		217,000	417,000	417,000	417,000	417,000		
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	1,885,000		217,000	417,000	417,000	417,000	417,000		
TOTAL									
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 175,500 (22) Percent of Building Cost 7 %									
(23) Estimated Start Date _____ (24) Estimated Completion Date _____									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
Rebuilding sections of the existing sewer system required to reduce infiltration and excessive maintenance costs.									

GREATER ANCHORAGE AREA BOROUGH  
 DEPARTMENT of PUBLIC WORKS (1)  
 5 YR CAPITAL IMPROVEMENT PROGRAM

DATE March 1974

SUMMARY OF Sewer Engineering Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Permanent Flow Measuring Equipment	\$ 189,000	\$	\$	\$	\$	\$ 189,000 (a)	189,000				
* Other Source of Funding		Total State Funds (11)									
a General Obligation Bonds		Total Federal Funds									
b Revenue Bonds		Total Bond Funds Authorized									
c City of Anchorage		Total Bond Funds Not Authorized (a)						189,000			
d Fund Balance		Total Contributions									
e Contributions from _____		Total Other									
f Service Charges											
g _____ (Indicate Source)		TOTAL - FUNDING REQUIRED (12)						189,000			

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control Engineering			(2) Project Title Permanent Flow Measuring Equipment					(3) Priority Number 76-1
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	189,000			189,000					
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	189,000			189,000					
TOTAL									
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code 00 (21) Architectural and Engineering Fees: 13,000      (22) Percent of Building Cost 7 % (23) Estimated Start Date July 1975      (24) Estimated Completion Date July 1976									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year	1/2	7,500		7,500				
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Installation of permanent and continuous sewerage flow management equipment for purposes of data gathering for use in Infiltration and System Growth Studies as well as for purposes of billings on 3 of the stations. Location of each station is as follows:  1 at Fort Rich \$ 1,500      2 at Chester Creek Lift Station \$62,000      1 on N.E. Interceptor \$31,000 1 at Elmendorf 1,500      1 at Campbell Creek Lift Station 31,000 1 at Airport 31,000      1 on S.E. Interceptor 31,000									

GREATER ANCHORAGE AREA BOROUGH

DATE March 1974

DEPARTMENT of PUBLIC WORKS (1)

5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Treatment Plant Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Laboratory	\$ 39,350	\$	\$	\$	\$	\$ 39,350	14,200	6,500	10,150	8,500	
Sludge Degritting	138,500					138,500	138,500				
Sludge Processing Equipment	160,000					160,000		160,000			
Sludge Disposal Equipment	750,000					750,000			750,000		
Structure Covers	380,000					380,000			380,000		
Scum Incinerator	150,000					150,000				150,000	
Process Equipment Addition	75,000					75,000	75,000				
Aeration System	50,000					50,000		50,000			
Power Generator	250,000					250,000			250,000		
Data Equipment	80,000					80,000	45,000		25,000		10,000
Shop Building	160,000					160,000			160,000		
Maintenance Equip.	19,000					19,000	19,000				
Water Softener	20,000					20,000	20,000				
Accessory Equipment	10,000					10,000	10,000				
System Modification	11,500					11,500	5,000	3,250	3,250		
	2,293,350					2,293,350					
* <u>Other Source of Funding</u>		Total State Funds (11)									
a General Obligation Bonds		Total Federal Funds									
b Revenue Bonds		Total Bond Funds Authorized									
c City of Anchorage		Total Bond Funds Not Authorized					326,700	219,750	1,578,400	158,500	10,000
d Fund Balance		Total Contributions									
e Contributions from _____		Total Other									
f Service Charges											
g _____ (Indicate Source)		TOTAL - FUNDING REQUIRED (12)					326,700	219,750	1,578,400	158,500	10,000

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations - Laboratory					(3) Priority Number
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
Estimated Cost by Object									
(12) Equip. (Moveable)	34,000		13,000	6,500	6,000	8,500			
(13) Land									
(14) Buildings									
(15) Other Improvements	5,350		1,200		4,150				
(16) Other									
TOTAL	39,350		14,200	6,500	10,150	8,500			
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	39,350								
TOTAL									
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ %.									
(23) Estimated Start Date July 1974 (24) Estimated Completion Date June 1978									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
(12) <u>Equipment, Moveable</u> : Add sewage sampling, storage and analysis equipment to provide capability to meet increasing requirement for water quality and operational process data as it develops, while holding labor costs to minimum level.									
(15) <u>Other</u> : Add counter space and all service utilities, \$4,150.00, for improved analytical process efficiency; Add window to outside wall, \$1,200.00, for improved lighting in work area.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations Sludge Degritting, Grinding & Dewatering					(3) Priority Number 75-1
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)	5,000		5,000						
(13) Land									
(14) Buildings	133,500		133,500						
(15) Other Improvements									
(16) Other									
<b>TOTAL</b>	<b>138,500</b>		<b>138,500</b>						
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	138,500		138,500						
<b>TOTAL</b>									
(18) Gross Floor Area <u>600</u> Sq. Ft. (19) Building Cost Per Sq. Ft. \$ <u>222.50</u> (20) Project Status Code <u>00</u>									
(21) Architectural and Engineering Fees: <u>13,350</u> (22) Percent of Building Cost <u>10</u> %									
(23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>December 1974</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
(12) <u>Equipment, Moveable</u> : Add small press to sludge dewatering system to remove additional water from sludge prior to incineration, thereby improving incineration process and reducing loading on and adding capacity to incinerator.									
(14) <u>Building</u> : Add a suitable 20'x30' building near existing sludge thickener, together with sludge degritting and grinding equipment, for improved sludge sedimentation, transmission, and disposal purposes.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Sludge Processing Equipment				(3) Priority Number
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
Estimated Cost by Object								
(12) Equip. (Moveable)	95,000			95,000				
(13) Land								
(14) Buildings	65,000			65,000				
(15) Other Improvements								
(16) Other								
TOTAL	160,000			160,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	160,000			160,000				
TOTAL								
(18) Gross Floor Area <u>1256</u> Sq. Ft. (19) Building Cost Per Sq. Ft. \$ <u>51.75</u> (20) Project Status Code <u>00</u>								
(21) Architectural and Engineering Fees: <u>6,500</u> (22) Percent of Building Cost <u>10</u> %.								
(23) Estimated Start Date <u>July 1975</u> (24) Estimated Completion Date <u>June 1976</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)								
(12) <u>Equipment, Moveable</u> : Add sludge conditioning and dewatering equipment, such that increasing solid loadings may be adequately handled prior to and following installation of additional incineration equipment.								
(14) <u>Buildings</u> : Add sewage sludge collection and thickening facilities such that full plant operational capability may be retained as loadings increase.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Sludge Disposal & Heat Recovery Equipment				(3) Priority Number 77-4
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other <b>TOTAL</b>	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	650,000				650,000			
	100,000				100,000			
	<b>750,000</b>				<b>750,000</b>			
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
General Obligation Bonds	750,000				750,000			
<b>TOTAL</b>								
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>65,000</u> (22) Percent of Building Cost <u>10</u> %. (23) Estimated Start Date <u>July 1976</u> (24) Estimated Completion Date <u>June 1977</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  (14) <u>Buildings</u> : Add sludge incinerator and heat recovery equipment in an existing building for reduction of increasing raw solids loading to minimum volume before final disposal, and for recovery of very large quantities of waste heat from the incineration process for use in heating of buildings on plant site and for treatment process applications.  (15) <u>Other Improvements</u> : Construct on-site lagoon for collection and long-term storage of products of incineration, thereby eliminating truck transport and considerable labor associated with same.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Open Structure Covers				(3) Priority Number 77-5	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
(17) Estimated Cost by Source of Funds  Code Fund Title  General Obligation Bonds  TOTAL	380,000				380,000				
	380,000				380,000				
(18) Gross Floor Area <u>45,000</u> Sq. Ft. (19) Building Cost Per Sq. Ft. \$ <u>8.44</u> (20) Project Status Code <u>00</u>									
(21) Architectural and Engineering Fees: <u>38,000</u> (22) Percent of Building Cost <u>10</u> %.									
(23) Estimated Start Date <u>July 1977</u> (24) Estimated Completion Date <u>December 1977</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
(14) <u>Buildings</u> : Add light-weight covers to presently open structures for protection of treatment process, treatment equipment, and personnel against effects of weather.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Scum Incinerator				(3) Priority Number 78-1	
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object	150,000					150,000			
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	150,000					150,000			
(16) Other									
TOTAL									
(17) Estimated Cost by Source of Funds	150,000					150,000			
Code Fund Title									
General Obligation Bonds									
TOTAL									
(18) Gross Floor Area _____ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ _____ (20) Project Status Code 00									
(21) Architectural and Engineering Fees: 15,000 (22) Percent of Building Cost 10 %									
(23) Estimated Start Date July 1977 (24) Estimated Completion Date June 1978									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year Full Year								
(25) Project Description and Justification (Continue on Additional Sheets, same size)									
(12) <u>Equipment, Moveable</u> : Add scum incineration equipment in an existing building to relieve loading on sludge incinerator(s) and more efficiently dispose of the most volatile fraction of the sewage solids. Connection to a heat recovery system is included.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Process Equipment Additions				(3) Priority Number 75-2	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	25,000		25,000						
	10,000		10,000						
	40,000		40,000						
	75,000		75,000						
(17) Estimated Cost by Source of Funds									
Code	Fund	Title							
General Obligation Bonds			75,000	75,000					
TOTAL									
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code _____ 00 (21) Architectural and Engineering Fees: _____ 1,000      (22) Percent of Building Cost _____ 10 % (23) Estimated Start Date _____ July 1974      (24) Estimated Completion Date _____ December 1974									
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected		First Year							
		Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) (12) <u>Equipment, Moveable</u> : (A) Add Ozone generation equipment to reduce chlorine consumption and increase efficiency of effluent disinfection. (B) Modify sewage sampling equipment to produce consistently reliable, statistically valid effluent samples as a means of determining compliance with Federal regulations. (14) <u>Buildings</u> : Add floor drainage facilities in an existing building to eliminate safety hazards and building maintenance problems associated with use of large volumes of water for washdown purposes. (15) <u>Other Improvements</u> : Add to and modify chlorine cylinder handling equipment and area for increased speed, safety, and ease of handling heavy cylinders and delivery trucks.									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Low Pressure Aeration System				(3) Priority Number 76-4
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	50,000			50,000				
	50,000			50,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	50,000			50,000				
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00			
(21) Architectural and Engineering Fees: _____				(22) Percent of Building Cost _____ %.				
(23) Estimated Start Date July 1975				(24) Estimated Completion Date June 1976				
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  (15) <u>Other Improvements</u> : Add a low pressure aeration system for improving and maintaining level of dissolved oxygen and for aiding in control of solids deposition and grit and scum removal in plant flow.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations - Power Generator				(3) Priority Number 77-6
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements				
Estimated Cost by Object				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable)	250,000				250,000			
(13) Land								
(14) Buildings								
(15) Other Improvements								
(16) Other								
TOTAL	250,000				250,000			
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	250,000				250,000			
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00			
(21) Architectural and Engineering Fees: _____		(22) Percent of Building Cost _____ %						
(23) Estimated Start Date July 1976		(24) Estimated Completion Date June 1977						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(25) Project Description and Justification (Continue on Additional Sheets, same size)								
(12) <u>Equipment, Moveable</u> : Install a larger electrical power generator, replacing existing unit, to more fully serve all power requirements of the treatment process, including those required by an enlarged treatment facility.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Operations- Data Acquisition Equipment					(3) Priority Number
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other <b>TOTAL</b>	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
	80,000		45,000	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
					25,000		10,000		
80,000		45,000		25,000		10,000			
(17) Estimated Cost by Source of Funds	80,000								
Code Fund Title									
General Obligation Bonds									
<b>TOTAL</b>									
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code <u>00</u>				
(21) Architectural and Engineering Fees: _____		(22) Percent of Building Cost _____ %.							
(23) Estimated Start Date <u>July 1974</u>		(24) Estimated Completion Date <u>June 1979</u>							
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues		
List Program(s) Affected	First Year								
	Full Year								
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p>(15) <u>Other Improvements</u>: Add telemetry system, monitoring and control equipment in the Treatment Plant, to acquire process data from pumping stations and other treatment facilities as an aid to providing continuously effective operations of such facilities at a minimum cost for labor and other items.</p>									

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Maintenance- New Shop Building					(3) Priority Number 77-1
	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements					
FY76 (7)				FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
Estimated Cost by Object									
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings	155,000				155,000				
(15) Other Improvements	5,000				5,000				
(16) Other									
<b>TOTAL</b>	<b>160,000</b>				<b>160,000</b>				
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	160,000				160,000				
<b>TOTAL</b>									
(18) Gross Floor Area <u>5760</u> Sq. Ft. (19) Building Cost Per Sq. Ft. \$ <u>27.00</u> (20) Project Status Code <u>00</u>									
(21) Architectural and Engineering Fees: _____ (22) Percent of Building Cost _____ %									
(23) Estimated Start Date <u>July 1976</u> (24) Estimated Completion Date <u>December 1976</u>									
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues			
List Program(s) Affected	First Year								
	Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)									
(14) <u>Buildings</u> : Add a suitably designed 48'x120' maintenance shop building on plant site to provide adequate space and facilities for all types of process equipment maintenance and repair. Building will house welding, machine shop, and heavy parts storage facilities, as well as sand blasting, steam cleaning, and compressed air equipment.									
(15) <u>Other Improvements</u> : Add approximately 2300 sq. feet of paving necessary for vehicle entrance to building.									

<b>CAPITAL PROJECT ESTIMATE</b>	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Maintenance Portable & Stationary Maintenance Equipment				(3) Priority Number 75-7
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	19,000		19,000					
19,000			19,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	19,000		19,000					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00			
(21) Architectural and Engineering Fees: _____				(22) Percent of Building Cost _____ %				
(23) Estimated Start Date July 1974			(24) Estimated Completion Date December 1974					
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p>(12) <u>Equipment, Moveable</u>: (A) Add a trailer-mounted sand blaster and compressor unit, and a high pressure pump and tank, for pump station and other remote facility maintenance, as well as for treatment plant equipment and structure maintenance. (B) Add a stationary high-pressure compressed air system with suitable controls and piping throughout plant for general equipment maintenance as well as plant operations requiring the use of an adequate air supply, as clearing sludge lines.</p>								

<b>CAPITAL PROJECT ESTIMATE</b>	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Maintenance Water Softener for Domestic Supply				(3) Priority Number 75-6	
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	Estimated Requirements					
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
	20,000		20,000						
	20,000		20,000						
(17) Estimated Cost by Source of Funds									
Code Fund Title									
General Obligation Bonds	20,000		20,000						
TOTAL									
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code 00				
(21) Architectural and Engineering Fees: _____				(22) Percent of Building Cost _____ %					
(23) Estimated Start Date July 1974				(24) Estimated Completion Date December 1974					
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues		
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justification (Continue on Additional Sheets, same size)  (15) <u>Other Improvements</u> : Add an adequately sized water softener together with all controls and piping necessary to provide treated water to all hot water tanks, washrooms, and laboratory at plant site for reduction in considerable maintenance now required of domestic water system due to heavy scaling in system, and for provision of better quality water required in laboratory operations.									



CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Treatment Plant Maintenance Scum & Effluent System Modifications				(3) Priority Number
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other <b>TOTAL</b>	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	* Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	11,500		5,000	3,250	3,250			
<b>TOTAL</b>	<b>11,500</b>		<b>5,000</b>	<b>3,250</b>	<b>3,250</b>			
(17) Estimated Cost by Source of Funds								
Code    Fund    Title								
General Obligation Bonds	11,500							
<b>TOTAL</b>								
(18) Gross Floor Area _____ Sq. Ft.                      (19) Building Cost Per Sq. Ft. \$ _____                      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: _____                      (22) Percent of Building Cost _____ % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>June 1977</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) (15) <u>Other Improvements</u> : (A) Add electrically operated heating units to scum collection boxes to keep greasy scum in semi-fluid state and thereby eliminate pipeline plugging and considerable labor presently required to keep such lines functional. (B) Modify effluent pumps in two stages, to significantly increase output, for satisfying requirements for large volume washdown water and for cooling water for second sludge incinerator exhaust gases. Consumption of fresh water from supply well will be substantially reduced.								

## GREATER ANCHORAGE AREA BOROUGH

DATE March 1974DEPARTMENT of PUBLIC WORKS (1)

## 5 YR CAPITAL IMPROVEMENT PROGRAM

## SUMMARY OF Sewage Pumping Stations Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Data Equipment	\$ 40,000	\$	\$	\$	\$	\$ 40,000 (a)	40,000				
Pumping Station Replacements	220,000					220,000 (a)	145,000				75,000
Pumping Equipment Replacements and Additions	52,000					52,000 (a)	10,000	42,000			
	312,000					312,000					
* <u>Other Source of Funding</u>											
a General Obligation Bonds											
b Revenue Bonds											
c City of Anchorage							195,000	42,000			75,000
d Fund Balance											
e Contributions from _____											
f Service Charges											
g _____ (Indicate Source)							195,000	42,000			75,000
							TOTAL - FUNDING REQUIRED (12)				

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Sewage Pumping Stations- Data Acquisition Equipment				(3) Priority Number
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	40,000		40,000					
	40,000		40,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	40,000		40,000					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: _____      (22) Percent of Building Cost _____ % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>June 1975</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)  (15) <u>Other Improvements</u> : Add telemetry system data acquisition and transmitting equipment at each of 16 pumping stations to provide means for continuously monitoring the operation of those facilities from the Treatment Plant, and provide a foundation for possible future addition of controls actuating signal receiving equipment. Unattended facility operation will result in significant labor savings.								

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Sewage Pumping Stations - Replacements				(3) Priority Number
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	220,000		145,000				75,000	
	220,000		145,000				75,000	
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	220,000							
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____			(20) Project Status Code <u>00</u>			
(21) Architectural and Engineering Fees: <u>22,000</u>		(22) Percent of Building Cost <u>10</u> %.						
(23) Estimated Start Date <u>July 1974</u>		(24) Estimated Completion Date <u>June 1979</u>						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost		Revenues	
List Program(s) Affected	First Year  Full Year							
<p>(26) Project Description and Justification (Continue on Additional Sheets, same size)</p> <p>(14) <u>Buildings</u>: (A) Replace two existing package type sewage pumping stations with similar type but larger stations. Both stations are approaching a continuous overload condition and require extraordinary operating and maintenance attention. (B) Replace one existing small pumping station on Airport property either with a larger station or a trunk sewer graded to flow in direction opposite to present force main. This project will be required as area surrounding pump station develops with commercial installations.</p>								

<b>CAPITAL PROJECT ESTIMATE</b>	(1) Department and Division: Public Works Water Pollution Control			(2) Project Title Sewage Pumping Stations- Pumping Equipment Replacements & Additions				(3) Priority Number
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other  TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
	52,000		10,000	42,000				
	52,000		10,000	42,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	52,000							
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: _____      (22) Percent of Building Cost _____ % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>June 1976</u>								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size) (15) <u>Other Improvements</u> : (1) Add a second pumping unit and controls to a small pump station on the Airport property as protection against flooding of commercial enterprises in event of failure of first pump. Existing pump has failed previously. (2a) Replace four worn-out pumping units and controls in three separate pumping stations on Airport property to assure continuing station operations and avoidance of flooding conditions in buildings served by stations. (2b) Replace two worn-out pumping units and controls in one moderate size station in area of railroad stations to assure continuing station operation.								

GREATER ANCHORAGE AREA BOROUGH  
 DEPARTMENT of PUBLIC WORKS (1)  
 5 YR CAPITAL IMPROVEMENT PROGRAM

DATE March 1974

SUMMARY OF Girdwood - Alyeska Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Sewer System	\$ 5,131,000 (a)	\$ 1,252,000	\$ 1,409,000	\$ 2,470,000	\$	\$	359,000	4,772,000			
* Other Source of Funding		Total State Funds (11)									
a General Obligation Bonds		Total Federal Funds									
b Revenue Bonds		Total Bond Funds Authorized									
c City of Anchorage		Total Bond Funds Not Authorized					359,000	4,772,000			
d Fund Balance		Total Contributions									
e Contributions from _____		Total Other									
f Service Charges											
g _____ (Indicate Source)		<b>TOTAL - FUNDING REQUIRED (12)</b>					359,000	4,772,000			

<b>CAPITAL PROJECT ESTIMATE</b>	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Girdwood - Alyeska				(3) Priority Number 75-1									
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other <b>TOTAL</b>	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	Estimated Requirements													
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)									
	5,131,000		5,131,000														
(17) Estimated Cost by Source of Funds																	
Code Fund Title																	
State	1,252,000		1,252,000														
Sewer Bonds	<u>3,879,000</u>		<u>3,879,000</u>														
<b>TOTAL</b>	5,131,000		5,131,000														
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code <u>00</u> (21) Architectural and Engineering Fees: <u>359,000</u> (22) Percent of Building Cost <u>7</u> % (23) Estimated Start Date <u>July 1974</u> (24) Estimated Completion Date <u>July 1975</u>																	
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues											
List Program(s) Affected	First Year																
	Full Year	1/2	8,500	100,000	108,500	108,500											
(26) Project Description and Justification (Continue on Additional Sheets, same size)  Initiation of a Public Sewer System complete with Treatment, Interceptors and Lateral facilities for the rapidly developing Girdwood Valley which is characterized by local soils that are totally inadequate for operation of on-site individual sewage system.  <table style="margin-left: auto; margin-right: auto;"> <tr> <td>Treatment Facility</td> <td style="text-align:right;">\$ 246,500</td> </tr> <tr> <td>Interceptors</td> <td style="text-align:right;">1,632,000</td> </tr> <tr> <td>Laterals</td> <td style="text-align:right;"><u>3,252,500</u></td> </tr> <tr> <td></td> <td style="text-align:right;"><u>\$5,131,000</u></td> </tr> </table>										Treatment Facility	\$ 246,500	Interceptors	1,632,000	Laterals	<u>3,252,500</u>		<u>\$5,131,000</u>
Treatment Facility	\$ 246,500																
Interceptors	1,632,000																
Laterals	<u>3,252,500</u>																
	<u>\$5,131,000</u>																

GREATER ANCHORAGE AREA BOROUGH  
 DEPARTMENT of PUBLIC WORKS (1)  
 5 YR CAPITAL IMPROVEMENT PROGRAM

DATE March 1974

SUMMARY OF Sewer Equipment Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*					
Vehicles	\$ 79,000	\$	\$	\$	\$	\$ 79,000 (a)	79,000				
* <u>Other Source of Funding</u>		Total State Funds (11)									
a General Obligation Bonds		Total Federal Funds									
b Revenue Bonds		Total Bond Funds Authorized									
c City of Anchorage		Total Bond Funds Not Authorized					79,000				
d Fund Balance		Total Contributions									
e Contributions from _____		Total Other									
f Service Charges		TOTAL - FUNDING REQUIRED (12)					79,000	-0-	-0-	-0-	-0-
g _____ (Indicate Source)											

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project Title Equipment				(3) Priority Number 75-1
Estimated Cost by Object (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- piation FY75 (6)	Estimated Requirements				
				FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
79,000			79,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	79,000		79,000					
TOTAL								
(18) Gross Floor Area _____ Sq. Ft.      (19) Building Cost Per Sq. Ft. \$ _____      (20) Project Status Code _____ (21) Architectural and Engineering Fees: _____      (22) Percent of Building Cost _____ % (23) Estimated Start Date _____      (24) Estimated Completion Date _____								
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Program(s) Affected	First Year							
	Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, same size)								
(1) 35,000 G.V.W. Cab - Chassis		\$16,000						
(1) Tanker		21,000						
(1) 1/2 Yd Backhoe		42,000						
		\$79,000						