Page	٠.	2	
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GREATER ANCHORAGE AREA BOROUGH

(1)

DATE March 1974

DEPARTMENT of ____PUBLIC WORKS

5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Ar	eawide Sewe	ers F	rojects (2)								
DESCRIPTION (3)	TOTAL PROJECT		TO BE FUNDED BY (5)				FY75 (6)	EV26 (7)	FY77 (8)	EV20 (9)	FY79 (10)
	COST (4)	STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*	F 1 / 5 (0)	F1/6 (')	FY// (C)	F1/8 (2)	F Y /9 (10)
SE Interceptor - Diamond to Trunk E5	\$ 1,984,000	\$ 248,000	\$ 1,488,000	s	\$ 248,000	s	The control of the co			300,000	1,684,000
Campbell Creek Force Main & Pump	263,000	33,000	197,000		33,000			263 , 000	The second of th		
Chester Creek Pump	127,000	16,000	95,000		16,000		Trivial Control of the Control of th	127,000		Andreas de la constante de la	de la mandal de la m
Expansion Eagle River S.T.P.	620,000	77,500	465,000		77,500		der Auftrage von Gestallen der	620,000			
Deep Service Risers	112,500		with the state of			112,500	22,500	22,500	22,500	22,500	22,500
West Interceptor	2,548,000	318,500	1,911,000		318,500		20,000	*	382,000	2,146,000	and property of the second
	5,654,500	693,000	4,156,000		693,000	112,500	Tradition of the control of the cont				
							The state of the s				Monte and the state of the stat
* Other Source of Fur a General Oblitation E b Revenue Bonds c City of Anchorage d Fund Balance e Contributions from f Service Charges	Bonds		Total Bor Total Bor	deral Fund nd Funds A nd Funds I ntributions	Authorized Not Authorize		42,500	1,032,500	404,500	2,468,500	1,706,500
g	(Indicate S	ource)	TOTAL	- FUND	ING REQUIR	ED (12)	42,500	1,032,500	404,500	2,468,500	1,706,500

CAPITAL PROJECT ESTIMATE	Public		ol Engineering	(2) Project S.E. In	Title terceptor			(3) Priority Number 76-1
	£	5	New-Appro-			Estimated Require	ments	
Esumated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	1,984,000		-	300,000	1,684,000)		
(17) Estimated Cost by Source of Funds	-							
Code Fund Title State Federal Sewer Bonds TOTAL	248,000 1,488,000 248,000				248,000 1,488,000 248,000)		
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July				Percent of Buildin Estimated Comple	•	(20) Pro _%. July 1977	oject Status C	ode 00
(25) Effect on Budget .	Years	Man Years	Salaries & Wages	-	Objects	Total Cost		Revenues
List Program(s) Affected	First Year Full Year					1001000		

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.

⁽²⁸⁾ Project Description and Justification (Continue on Additional Sheets, same size)

CAPITAL PROJECT ESTIMATE	Public		n rol Engineering	(2) Project Campbell		ce Main and Pu	mp	(3) Priority Number 76-2
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL 	263,000			263,000				
(17) Estimated Cost by Source of Funds Code Fund Title								
State Federal Sewer Bonds TOTAL	33,000 197,000 33,000			33,000 197,000 33,000				
(18) Gross Floor AreaSo (21) Architectural and Engineering (23) Estimated Start Date July 1997	•	0		Percent of Buildin	-	(20) Pro 	oject Status (Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other (Objects	Total Cost		Revenues
List Program(s) Affected	First Year Full Year		<u>*</u>	17,40		17,400	The state of the s	

To provide ultimate planned capacity to the Campbell Creek Pump Station by building a new parallel 20^{tt} Force Main to Dimond Blvd and install the fourth pump and motor at the station.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution C	-	(2) Project Chester	<u>Title</u> Creek Pump			(3) Priority Number 76-3
			New-Appro-		nents			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY8
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other 	127,000			127,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State Federal Sewer Bonds TOTAL	16,000 95,000 16,000 127,000	,		16,000 95,000 16,000 127,000				
(18) Gross Floor AreaSq. (21) Architectural and Engineering F	ees: <u>180(</u>			Percent of Building	g Cost 7	_%.	oject Status Co	de <u>00</u>
	1975	Man	(24)	Estimated Comple	tion Date Ju	ly 1976		
(25) Effect on Budget	Years	Years	Salaries & Wages	Other C	Objects	Total Cost	F	ievenues
List Program(s) Affected	First Year Full Year		,	17,400	0	17,400		

To provide ultimate planned capacity to the Chester Creek Pump Station by installing the fourth pump and motor at the station.

CAPITAL PROJECT ESTIMATE	Public	nent and Divisi Works Pollution		(2) Project	<u>t Title</u> terceptor E-	-5 to E-8		(3) Priority Number 77-1
	Estimated	*	New-Appro-		nents	The second secon		
Estimated Cost by Object	Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL 	2,131,000				320,000	1,811,000		
(17) Estimated Cost by Source of Funds Code Fund Title State Federal Sewer Bonds TOTAL	266,500 1,598,000 266,500					266,500 1,598,000 266,500		
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July		(19) Bu)00		\$ Percent of Buildi Estimated Compl	=	(20) Pro %. July 1978	oject Status C	ode 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost		Revenu es
List Program(s) Affected	First Year Full Year					10.00		

Interceptor (36") expansion along east side of Alaska Railroad from E-5 (Huffman) to E-8 (DeArmoun Road) to allow continued growth of the sewer system.

CAPITAL PROJECT ESTIMATE	Public	nent and Divisio Works Pollution (Control	(2) Project Deep Ser	Title		egen gengan ang sanggan ang gipungan ang gip	(3) Priority Number 75-3
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY7 (10	Į.
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL 	112,500			22,500	22,500	22,500	22,5	00 22,500
(17) Estimated Cost by Source of Funds Code Fund Title Sewer Bonds	112,500			22,500	22,500	22,500	22,5	00 22,500
TOTAL								
(18) Gross Floor AreaSq. (21) Architectural and Engineering I		(19) Bui	Iding Cost Per Sq. Ft.	\$ Percent of Buildir	ng Cost	(20) Pr	oject Status	Code00
-	y 1975			Estimated Compl	-	July 1980		
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost	t	Revenues
List Program(s) Affected	First Year Full Year		6,250			6,250		

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	Public	ment and Divis Works Pollution		(2) Project West In	t <u>Tuta</u> terceptor 7	811	and the second s	Section 19 Priority Newtoner 77–2
	<u> </u>	A	New-Appro-		reduction (Cycl., 19, 10, 1, 100, 100), and the control of the special graph of the control of the			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	2,548,000		20,000		382,000	2,146,000		
(17) Estimated Cost by Source of Funds Code Fund Title								
State Federal Sewer Bonds TOTAL	318,500 1,911,000 318,500 2,548,000))				318,500 1,911,000 318,500 2,548,000		
(18) Gross Floor Area(21) Architectural and Engineer	•		ilding Cost Per Sq. Ft. (22)	S Percent of Buildi	7	(20) Pro	oject Status C	ode 00
(23) Estimated Start Date	July 191			Estimated Compl		™ July 1978		
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost		Revenues
List Program(s) Affected	First Year Full Year					10.01 0031		110,70114,63

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.

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of __PUBLIC WORKS (1)

DATE March 1974

5 YR CAPITAL IMPROVEMENT PROGRAM

____ Projects (2) Trunk Sewers SUMMARY OF... TO BE FUNDED BY (5) DESCRIPTION (3) TOTAL FY79 (10) FY78 (9) FY75 (6) FY76 (7) [FY77 (8) PROJECT Previous SERV. AREA OTHER* ASSESS. **FEDERAL** COST (4) STATE C.I.P. Sub-Trunk D-2-4 \$1,167,000 | \$291,500 | \$ 583,500 \$875,500 1/2 in 1974 -- 583,500 Sub-Trunk 606,000 636,000 | 159,000 E-1-1 to E-1-1-1477,000 Eng 30,000 in 74 -- 30,000 698,000 738,000 184,500 553,500 Sub-Trunk E-1-1-1 Eng 40,000 in 74 -- 40,000 426,000 426,000 106,500 Trunk C-5-2 319,500 78,000 78,000 19,500 58,500 A-2 Extension 82,000 463,000 545,000 | 136,500 "C" Street Trunk 408,500 162,000 29,000 191,000 Trunk C-2 47,500 143,500 464,000 82,000 546,000 136,500 409,500 Trunk C-6 116,000 21,000 137,000 34,500 Trunk D-3 102,500 Sub-Trunk E-1-1 948,000 | 237,000 142,000 806,000 E-1-1-1 to E-1-1-2711,000 Eagle River Valley 86,000 489,000 575,000 143,500 North Trunk 431,500 Trunk E-l (Lake Otis 51,000 286,000 252,500 337,000 84,500 to Abbott Road (11)Other Source of Funding Total State Funds General Obligation Bonds Total Federal Funds Revenue Bonds Total Bond Funds Authorized City of Anchorage Total Bond Funds Not Authorized Fund Balance Total Contributions Contributions from _ Total Other Service Charges TOTAL - FUNDING REQUIRED (12) (Indicate Source)

DATE March 1974

GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of ____PUBLIC WORKS (1)

5 YR CAPITAL IMPROVEMENT PROGRAM

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

DESCRIPTION (3)	TOTAL		TO BE	FUNDED B	_Y (5)		 EV25 (6)	FY76 (7)	EV77 (8)	ev79 (9)	FY79 (10)
	PROJECT COST (4)	STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*	F1/5 (0)	FI/O ()	F 1 / / (°)	F176 (*)	1, 1, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,
Trunk C-7 Extension to Sub-	\$ 546,000	\$ 136,500	\$	\$ 409,500	\$	\$	Andreas - Constanting and Cons		82,000	464,000	
trunk Eagle River Valley North Trunk E-2 Trunk E-3 Trunk E-4	161,000 89,000 427,000 128,000	40,500 22,500 106,500 32,000		120,500 66,500 320,500 96,000				24,000	137,000		89,000 427,000 128,000
Trunk C-3	189,000			141,500						28,000	161,00
NOTE: Each project years with 1 Total Projects Less 73/74 C.I.P. Net	5% in first	year. 1,966,5	po	5,897,500							
* Other Source of Fural General Obligation because Bonds contributions from	Bonds	Al.	Total Fe Total Bo Total Bo	ontributions	Auth <mark>orized</mark> Tot Authorize	,	2,691,500	1,718,000	412,000	1,584,000	805,000
f Service Charges	(Indicate S	Source)	TOTAL	FUND	ING REQUIF	ED (12)	11 2,691,500	1,718,000	412,000	1,584,000	805,000

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution Co		(<u>2) Project</u> Sub-Trunl				(3) Priority Number 75-4
	Estimated	Approp.	New-Appro-		~	Estimated Require	ments	
Estimated Cost by Object	Total Cost (4)	Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	1,167,000*	583,500	583,500					
(17) Estimated Cost by Source of Funds Code Fund Title State Sewer Bonds TOTAL	291,750 875,250		145,875 437,625					
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July	Ft. _{ees:} 82,00	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Percent of Building		(20) Pro %. July 1975	oject Status C	ode 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other C		Total Cost		Revenues
List Program(s) Affected	First Year Full Year		No.					

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.

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

^{*} 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	Public	ment and Division Works Pollution C	Control	(2) Froject Subtrunk	Title E-l-1 to	Martin also arranges and arrivation of the following the same to the same		(3) Priorityiventuer75-5
	Estimated	Approp.	New-Appro- priation		ments			
Estimated Cost by Object	Total Cost (4)	Prior Years (5)	FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79	1
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL 	636,000	30,000	606,000					
(17) Estimated Cost by Source of Funds Code Fund Title								
State Sewer Bonds TOTAL	159,000 477,000		159,000 477,000					
TOTAL							<u> </u>	
(18) Gross Floor AreaSq.			ding Cost Per Sq. Ft.			(20) Pr	oject Status	Code 00
(21) Architectural and Engineering F		<u>0×</u>		Percent of Buildin	•	%.		
	1973	Man I	(24)	Estimated Comple	tion Date	July 1975	<u></u>	
(25) Effect on Budget	Years	Years	Salaries & Wages	Other	Objects	Total Cost	t	Revenues
List Program(s) Affected	First Year Full Year							

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.

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

^{*} Engineering to be completed in FY 74.

Approp. Prior Years (5)	New-Appropriation FY75 (6)	FY76 (7)	FY77 (8)	Estimated Require FY78 (9)	FY79	FY80
Prior Years (5)	FY75	1		1	1	FY80
10.000				101	(10)	(11)
40,000	698,000					
			·	Personal and a second s	- Andread Angeles and Angeles	
	184,500	to the second se		dilli- commenter della		And a desired or control of
* Volume of the Company of the Compa	553,500	The control of the co		e de constitue de la constitue	Peter and a second and a second a secon	lark even gjirrik de deliser
+ wegatorage union	738,000	T-P-P-C-P-C-P-C-P-C-P-C-P-C-P-C-P-C-P-C-		AS Concession was a second	and resident control of the second of the se	
10 % Realisticus direction de la definition de la definit	(22)	Percent of Buildin	g Cost5	<u>%</u> .	roject Status (ode 00
Man Years	Salaries & Wages	Other (Objects	Total Cos	t	Revenues
					renderal de la despressa de la	
	00* Nan	553.500 738,000 (19) Building Cost Per Sq. Ft. 3 00* (22) (24)	553.500 738,000 (19) Building Cost Per Sq. Ft. \$	553.500 738,000 (19) Building Cost Per Sq. Ft. \$	553.500 738,000 (19) Building Cost Per Sq. Ft. \$ (20) P (22) Percent of Building Cost 5 %. (24) Estimated Completion Date July 1975	553.500 738,000 (19) Building Cost Per Sq. Ft. \$

⁽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	Public	nent and Division Works Pollution C	-	(2) Project C-5-2 Su				(3) Priority Number 75-7
			New-Appro-		ments			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL 	426,000		426,000					
(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 AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date Jui		(19) Buil		Percent of Buildin	-	(20) Pr %. July 1975	oject Status (Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cos		Revenues
List Program(s) Affected	First Year Full Year							

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	Public	nent and Division Works Pollution Co		(2) Project A-2 Tr		(3) Priority Number 75-8		
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
 (12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other 	78,000		78,000					
(17) Estimated Cost by ` Source of Funds				The second secon				
Code Fund Title			The second secon					AMMONTAN
State	19,000		19,000	and symbol since		ATTENNES OF THE STATE OF THE ST		МентоныМ
Sewer Bonds	59,000		59,000	durant de la constant				to experience
TOTAL	78,000		78,000	***************************************		And control of the co		e waaron oo joo jarahay waa
(18) Gross Floor AreaSq.	Ft.	(19) Build	ing Cost Per Sq. Ft. \$			(20) Pr	oject Status	Code <u>00</u>
(21) Architectural and Engineering F		والمراجعة والمعارضة والمعارضة والمراجعة والمعارضة والمعارضة والمعارضة والمعارضة والمعارضة والمعارضة والمعارضة		Percent of Building		X.	Negov - re-sear	swinementarian menunculari kanada
CONTRACTOR TO CONTRACTOR CONTRACT	<u> 1974 </u>	Man I	(24)	Estimated Comple	tion Date J	uly 1975		indistry diagraminy, nepatricular de la principa del la principa de la principa del la principa de la principa del la principa de la principa del la principa de la principa de la principa de la principa de la principa del la principa del la principa del la principa del la pri
(25) Effect on Budget .	Years	Years	Salaries & Wages	Other (Objects	Total Cost		Revenues
List Program(s) Affected	First Year	planting of the control of the contr		- Caracteristic Control of Contro	Austrian varieties en		Challentered	
•	Full Year	mary commence and the second s		in ED reconvenients	or the superior distribution of the superior		enderina a symmomotic della	
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	acception to the symptotic of California Control of Parameter State (California California Californ					

Trunk extension to serve the Delong Lake Area.

CAFITAL PROJECT ESTIMATE	Marci Tottacion contriot			( <u>2) Project 1</u> "C" Str		(3) Priority Number 75-9		
	F	٥	New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	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 AreaSq (21) Architectural and Engineering ( (23) Estimated Start Date Ju	Ft.					<del></del>	oject Status C	ode 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other C		Total Cost		Revenues
List Program(s) Affected	First Year Full Year					10181 0031		110 401 (110)

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.

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.

CAPITAL PROJECT ESTIMATE	Public	ment and Divis Works Pollution	<u></u>	(2) Project Trunk	Yarii III III II	(3) Priority Number 75-10		
	Estimated	Approp.	New-Appro-	Estimated Requirements				
Estimated Cost by Object	Total Cost	Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY8
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	191,000		29,000	162,000				
(17) Estimated Cost by Source of Funds Code Fund Title					THE RESIDENCE OF THE PROPERTY		All Colonia and American de Colonia de Colon	
State Sewer Bonds TOTAL	47,500 143,500 191,000			47,500 143,500 191,000				
(18) Gross Floor AreaSq (21) Architectural and Engineering (23) Estimated Start Date		(19) Bu		Percent of Building Estimated Complet		(20) Pro %. July 1976	oject Status Co	)
(25) Effect on Budget	· Years	Man Years	Salaries & Wages	Other C	3			**
List Program(s) Affected	First Year Full Year		March Carl Town July 9 File Spirits	Other C	valee 12	Total Cost		Revenues

Trunk extension along the north shore of Sand Lake to serve developing areas north and east of Sand Lake.

CAPITAL PROJECT ESTIMATE	Public	ment and Divisi Works Pollution		(2) Project Trunk (		Di Probley ivitable 75-11		
			New-Appro-		ments .	The second control of the second age.		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	546,000		82,000	464,000				
(17) Estimated Cost by Source of Funds Code Fund Title								
State	136,500			136,500		***		
Sewer Bonds	409,500			409,500				
TOTAL	546,000		1 + + + + + + + + + + + + + + + + + + +	546,000			7	
(18) Gross Floor AreaSq (21) Architectural and Engineering (23) Estimated Start Date Jul	•		ilding Cost Per Sq. Ft. (22)	\$ Percent of Building Estimated Comple	•	(20) Pr %. July 1976	roject Status Co	ode 00
(25) Effect on Budget	· Years	Man Years	Salaries & Wages	Other (		Total Cos		Ravanu <b>es</b>
List Program(s) Affected	First Year Full Year		The second se					

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.

	Public	(1) <u>Department and Division</u> Public Works Water Pollution Control			Title			(3) Priority Number	
CAPITAL PROJECT ESTIMATE	Water 1	Pollution Co		Trunk	D-3		-	75-12	
			New-Appro-			Estimated Require	stimated Requirements		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	3	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	137,000		21,000	116,000					
(17) Estimated Cost by Source of Funds									
Code Fund Title								-	
State	34,500			34,500					
Sewer Bonds	102,500			102,500				en e	
TOTAL	137,000		To the Committee of the	137,000				Andrews Company	
(18) Gross Floor AreaSq.	Ft.	(19) Build	ing Cost Per Sq. Ft. (	3		(20) Pr	oject Status (	Corle 00	
(21) Architectural and Engineering F		m Berlington or printed to the proposed to the section of the Bollow on the section absolute	(22)	Percent of Buildin	g Cost7	%.		- Commission Decourses of the Commission of the	
	1974	garran de anticio de como de c	(24)	Estimated Comple	tion Date	July 1976			
(25) Effect on Budget .	Years	Man Years	Salaries & Wages	Other (	Objects	Total Cost		Revenues	
List Program(s) Affected	First Year	-	nder og det en			MANAGEMENT AND			
	Full Year				- September 19 Sep		Control of the Contro		
						***************************************			

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 Sub-Trunk I		l-1 to E-1-1-	2)	(3) Prionty  - iv tiber
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	948,000			`	142,000	806,000		
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State Sewer Bonds	237,000 _711,000					237,000 711,000		
TOTAL	948,000					948,000		de estado de la manda de la ma
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July				Percent of Buildin Estimated Comple	-	(20) Pr _%. 11y 1976	oject Status (	Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost	:	Revenues
List Program(s) Affected	First Year Full Year							

Trunk extension to serve that area bounded by Lake Otis and Abbott Road and 72nd and 82nd Avenue.

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

CAPITAL PROJECT ESTIMATE	Public	ment and Divisio Works Pollution C	•	(2) Project Eagle R	<u>Tide</u> iver Valle	ey North		(3) Priority Number 75-13
			New-Appro-		ements			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	575,000	·	86,000	489,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title		}						
State	143,500			143,500				
Sewer Bonds	431,500			431,500				
TOTAL	575,000			575,000				
(18) Gross Floor AreaSq (21) Architectural and Engineering	Fees: 40,0			Percent of Buildin	-	<u>%</u> .	roject Status	Code 00
	<u> 1974 —</u>	Man		Estimated Comple		<u>July 1976</u>		
List Program(s) Affected	First Year Full Year	Years	Salaries & Wages	Other	Objects	Total Cos	t	Revenues

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 New-Appro-			(2) Project Trunk				(3) Polority Norther 77-2
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	1 1	FY79 (10)	FY80
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	337,000				51,000	286,000		
(17) Estimated Cost by Source of Funds								
Code Fund Title	_							
State	84,500					84,500		
Sewer Bonds	252,500					252,500		
TOTAL	337,000					337,000		
(18) Gross Floor AreaSo (21) Architectural and Engineering (23) Estimated Start Date July				Percent of Buildin	-	%.	oject Status C	ode 00
(25) Effect on Budget		Man		Estimated Compl		uly 1976		_
List Program(s) Affected	First Year Full Year	Years	Salaries & Wages	Other	Objects	Total Cost		Revenues

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	Public	nent and Divis Works Pollution		( <u>2) Project</u> Trunk (				(3) Priority Number 76-1
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	EY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	546,000				82,000	464,000		:
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State Sewer Bonds	136,500 409,500					136,500 409,500		
TOTAL	546,000					546,000		
(18) Gross Floor AreaSq. (21) Architectural and Engineering F	ees: 38,000		rilding Cost Per Sq. Ft. (22)	Percent of Buildin		%.	oject Status (	00 00 00
THE RESERVE THE PARTY OF THE PA	1975	Man	(24)	Estimated Comple	tion Date J	July 1977	<del></del>	
(25) Effect on Budget	Years	Years	Salaries & Wages	Other (	Objects	Total Cost	<u> </u>	Revenues
List Program(s) Affected	First Year Full Year				-			
	I car							The state of the s

Trunk extension to serve the area in the vicinity of Klatt Road.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution Co		(2) Project Extension to	alley No	(3) Priority rth Number 76-7			
			New-Appro-	Estimated Requirements					
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul> TOTAL	161,000			24,000	137,000				
(17) Estimated Cost by Source of Funds				The sales of the s					
Code Fund Title									
State	40,500				40,500				
Sewer Bonds	120,500				120,500				
TOTAL									
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July	ees: 11,00	0		\$ Percent of Buildin Estimated Compl			oject Status	Code 00	
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos	t	Revenues	
List Program(s) Affected	First Year Full Year				·				

Trunk extension (10") east along Eagle River Road from junction of Eagle River Road and the Loop Road.

⁽²⁵⁾ Project Description and Justification (Continue on Additional Sheets, same size)

Public	Works						(3) Priority <u>Number</u> 79–1
		New-Appro-			Estimated Require	ments	
Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
89,000					:	89,000	
		·					
22,500					4		
66,500						66,500	
89,000						89,000	
					<b>%</b> .	oject Status	Code <u>00</u>
y 1976		(24)	Estimated Comple	etion Date	July 1978		analana an ann an m-an an a
Years	Man Years	Salaries & Wages	Other	Objects	Total Cost		Revenues
First Year Full Year							
	Public Water 1  Estimated Total Cost (4)  89,000  22,500 66,500 89,000  Ft. ees: 6,200 y 1976 Years First Year Full	Public Works Water Pollution  Estimated Approp. Total Cost Prior Years (4) (5)  89,000  22,500 66,500 89,000  Ft. (19) Bullers: 6,200 y 1976 Years Years First Year Full	Stimated   Approp.   Prior Years   FY75   (4)   (5)   (6)	Public Works         Trunk           Water Pollution Control         New-Appropriation         FY76           Total Cost (4)         Prior Years (5)         FY75 (6)         FY76           89,000         89,000         Ft. (19) Building Cost Per Sq. Ft. \$	Public Works         Trunk E-2           Estimated Total Cost (4)         Approp. Prior Years (5)         New-Appropriation FY75 (6)         FY76 FY77 (8)           89,000         (5)         (6)         (7)         (8)           89,000         89,000         (19)         Building Cost Per Sq. Ft. \$	Public Works   Water Pollution Control   New-Appropriation   First   Years   Family   Prior Years   FY75   FY76   FY77   FY78   FY78   FY78   FY76   FY77   FY78   FY78	Public Water Pollution Control   New-Appropriation   Trunk E-2

Trunk extension to serve areas east of the Alaska Railroad and south of Dimond Blvd.

CAPITAL PROJECT ESTIMATE	Public	tment and Divisi : Works Pollution	<del></del>	(2) Project Trunk I	·· <del>····</del>		Access to the control of the control	(3) Priority Number
			New-Appro-			Estimated Require	ments	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	427,000						427,000	
(17) Estimated Cost by Source of Funds Code Fund Title								
State Sewer Bonds	106,500 320,500					.,	106,600 320,500	
TOTAL	427,000						427,000	
(18) Gross Floor AreaSq (21) Architectural and Engineering (23) Estimated Start Date				Percent of Buildir Estimated Compl	_	(20) Pi %. July 1978	roject Status C	ode <u>00</u>
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cos		Revenu <b>es</b>
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	Public	nent and Divisio Works Pollution (		(2) Project Trunk		(3) Priority Number 77-3		
			New-Appro-			Estimated Require	ments	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	128,000			·			128,000	)
(17) Estimated Cost by Source of Funds								7
Code Fund Title State Sewer Bonds	32,000 96,000						32,000 96,000	2
TOTAL	128,000						128,000	)
(18) Gross Floor AreaSq (21) Architectural and Engineering (23) Estimated Start Date Jul		(19) Bui		Percent of Buildin		(20) Pr %. July 1978	roject Status (	Code 00
(25) Effect on Budget	· Years	Man Years	Salaries & Wages	Other	Objects	Total Cos		Revenues
List Program(s) Affected	First Year Full Year							

Trunk E-4 extension to serve areas east of the New Seward Highway and north of Huffman Road.

CAPITAL PROJECT ESTIMATE	Public	nent and Divisio Works Pollution (	•	(2) Project Trunk (		(3) Prictive Number 78-1		
			New-Appro-			Estimated Require	ments	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL (17) Estimated Cost by	189,000					28,000	161,000	
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	47,500						47,500	)
Sewer Bonds	<u>141,500</u>						141,500	1
TOTAL	189,000					The state of the s	189,00	0
(18) Gross Floor AreaSq (21) Architectural and Engineering	Fees: <u>13,0</u>			Percent of Buildin	-	(20) Pr %.	roject Status Co	ode 00
	<u>1y 1977</u>	Man	(24)	Estimated Comple	tion Date	July 1979		
(25) Effect on Budget	· Years	Years	Salaries & Wages	Other (	Objects	Total Cost	<u> </u>	Revenues
List Program(s) Affected	First Year Full Year							

⁽²⁶⁾ 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.

# GREATER ANCHORAGE AREA BOROUGH DEPARTMENT of PUBLIC WORKS (1)

DATE March 1974

5 YR CAPITAL IMPROVEMENT PROGRAM

DESCRIPTION (3)	TOTAL		TO BE FUNDED BY (5)				FV75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
	PROJECT COST (4)	STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*		1 1 / 0 . /			
	s	\$	\$	s	\$	s					
Laurel Acres LID 41	947,000	237,00	0	710,000		a a a a a a a a a a a a a a a a a a a	947,000				
Anticipated LID's	11,000,000	2,750,00	 	8,250,000 1	e de la constante de la consta		2,000,000	2,500,000	2,500,000	2,000,000	2,000,000
Rehabilitation Anticipated Projects	1,885,000				1,885,000		217,000	417,000	417,000	417,000	417,000
Phase VI Fish Creek Trunk (no project sheet)	200,000		The state of the s		200,000		200,000				
System Analysis (no project sheet)	415,000				415,000		83,000	83,000	83,000	83,000	83,00
	14,447,000	2,987,00	     	8,960,000	2,500,000	According to the contract of t	and the commence of the commen				
* Other Source of Fur a General Obligation I b Revenue Bonds c City of Anchorage d Fund Balance e Contributions from	3onds		Total Fe Total Bo Total Bo	ntributions	luthorized Vot Authorize	•	3,447,000	3,000,000	3,000,000	2,500,000	2,500,00
f Service Charges	(Indicate S	Source)	TOTAL	, - FUND	ING REQUIR	ED (12)	3,447,000	3,000,000	3,000,000	2,500,000	2,500,00

	(1) Departm	ent and Divisi Works	on	(2) Project	Title			(3) Priority Number
CAPITAL PROJECT ESTIMATE		ollution	Control	Laurel	Acres			75-1
		_	New-Appro-			Estimated Require	ments	The same of the sa
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	947,000		947,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	237,000		237,000					
General Obligation Bonds	710,000		710,000					
TOTAL	947,000		947,000					
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date Ju				Percent of Buildin Estimated Comple	<del>-</del>	(20) Pr. %. July 1975	oject Status (	Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost		Revenues
List Program(s) Affected	First Year Fuli Year					1000		

Lateral sewers to the Laurelake Subdivision south of Dimond and east of Victor Road.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution Co		(2) Project Antici	pated L.I.D			(3) PriorityNumber
			New-Appro-		urtys tradition data distriction distriction of unifold the second data and the second	Estimated Require	ements	
, , , , , , , , , , , , , , , , , , ,	Estimated Total Cost	Approp. Prior Years	priation FY75	FY76	FY77	FY78 (9)	FY79 (10)	FY80 (11).
Estimated Cost by Object	(4)	(5)	(6)	(7)	(8)	(3)	1101	1111.
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Lend</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	11,000,000		2,000,000	2,500,000	2,500,000	2,000,000	2,000,000	
(17) Estimated Cost by Source of Funds	And the state of t		Party Programme Control of the Contr			NACO TOTAL MATERIAL PROPERTY AND A STATE OF THE STATE OF	- The second sec	
Code Fund Title								
State	2,250,000	Ore marketime	500,000	625,000	625,000	500,000	-0-	
General Obligation Bonds	8,750,000	1	1,500,000	1.875.000	1,875,000	1,500,000	2.000.000	1
TOTAL	11,000,000		2,000,000	2,500,000	2,500,000	2,000,000	2,000,000	9
(18) Gross Floor AreaSq.	Ft.	(19) Build	ing Cost Per Sq. Ft.	\$	a geography high all the beau agus an in maintean lead aid the tree and the beauth aid the tree is the desired	(20) P	roject Status C	ode <u>00</u>
(21) Architectural and Engineering F	ees: <u>805,00</u>	<u></u>	(22)	Percent of Buildin	ng Cost	_%.	_	
ZBODJA KANGESTOWNING AND TO THE METAL TO THE THE THE TANK THE THE TANK THE THE TANK	1974		(24)	Estimated Comp!	etion Date Jul	<u>y 1979</u>		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos	7	Rovenues
List Program(s) Affected	First Year Full			na principal de la companya de la co			Manuscript Principles	
	Year				The state of the s	• «»«««««»»»»»»»»»»»»»»»»»»»»»»»»»»»»»»		

⁽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	Public	ment and Division : Works Pollution Co		(2) Project Rehat	<u>Title</u> bilitation F	Projects		(3) Priority Number 75-4
,			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	200,000		200,000					
(17) Estimated Cost by Source of Funds Code Fund Title G.O. Bonds TOTAL	200,000		200,000					
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date 10/74	Fees: <u>\$14,</u>	,000		\$Percent of Buildir Estimated Compl	<del>-</del>	(20) Pr 7/75	roject Status Co	Code 00
(25) Effect on Budget .	Years	Man Years	Salaries & Wages	Other	Objects	Total Cost	it	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	Publ:	nent and Divis ic Works r Pollutio	n Control	(2) Project System	Title Analysis			(3) Priority Number 75-5
	<b>-</b>		New-Appro-		pro-selection and selection an	Estimated Require	ments	*
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	415,000		83,000	83,000	83,000	83,000	83,000	
(17) Estimated Cost by Source of Funds Code Fund Title	Antional Professional Professio							
G.O. Bonds TOTAL	415,000		83,000	83,000	83,000	83,000	83,000	
	Allow The Company of Kind Life Street Commence on the Commence of			gration and state and state in a second seco	Myggillynd-Venou freskeleninen n.a.meenselendenen neue			
(18) Gross Floor AreaSq.			illding Cost Per Sq. Ft.				roject Status	Code AA
(21) Architectural and Engineering F	ees: \$29,0	<u> </u>		Percent of Buildin	-		ar many digital	######################################
(23) Estimated Start Date		Man	ensum-communication and maintain maintain and a state of the state of	Estimated Comple		The state of the s		and the second s
(25) Effect on Budget	Years	Years	Salaries & Wages	Other	Objects	Total Cos	<u>t                                    </u>	Revenues
List Program(s) Affected	First Year Full Year	EMPOJEMA PODRAČENJA POPISA PO		,	toniĝinio si succim-nimb formidio Paraĝi			
	Acres ministratives I a commission		an 2004 kg/r diggeger op rees op an innefprendenform, og vegen er defoperhyte vinge men sinnanningsammanheidig -					die 1900 is, mitweit seins on hant stiffenswaren menemen Autocité annuem en nacht.

Internal television inspection of existing sewer system in areas of high infiltration.

CAPITAL PROJECT ESTIMATE	Public	nent and Divisi Works Pollution	V-1-1-1	(2) Project Rehabi	Title litation Pr	ojects		(3) Priority Number 75-3
	F		New-Appro-			Estimated Require	ements	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other improvements (16) Other TOTAL	1,885,000		217,000	417,000	417,000	417,000	417,00	0
(17) Estimated Cost by Source of Funds Code Fund Title General Obligation Bonds TOTAL	1,885,000		217,000	417,000	417,000	417,000	417,000	0
(18) Gross Floor AreaSq. (21) Architectural and Engineering I (23) Estimated Start Date		(19) Bu 00		Percent of Buildir Estimated Comple			roject Status	Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cos		Revenues
List Program(s) Affected	First Year Full Year					1003 003		1 1/4/01/0/7

⁽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.

DATE March 1974

#### GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of PUBLIC WORKS (1)

5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Sewer Engineering Projects (2)

DESCRIPTION (3)	TOTAL		то ве	FUNDED B	Y (5)		DX75 (6)	FY76 (7)	EV22 (8)	FY78	(9)	EWSO	(10
vanan katalah Sharek ang katalah sangka katalah sangka katalah sangka katalah sangka katalah sangka katalah sa	PROJECT COST (4)	STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*	F 1 /5 (0)	F1/6 (//	F1// (O)	F1/6	·	F I / 7	(10
Permanent Flow Measuring Equipment	\$ 189,000	\$	\$	\$	B Company and the company and	\$ 189,000 (a)		189,000		enerativa ir dinima palaina prancjani, innocentari			
				- Present de la Victoria del Victoria del Victoria de la Victoria del Victoria del Victoria de la Victoria del Victo									
		And the second property of the second propert	markania sebangkanangan pangangan dan manangan		ma pasagai de mandro pasagai mandro pasagai mandro pasagai mandro pasagai mandro pasagai mandro pasagai mandro			·					
				ere francisco de la composição de la com	Polygon and the state of the st								
* Other Source of Fur a General Obligation I b Revenue Bonds c City of Anchorage d Fund Balance e Contributions from	Bonds		Total Fer Total Bo Total Bo Total Co	Total State Funds (11) Total Federal Funds Total Bond Funds Authorized Total Bond Funds Not Authorized (a) Total Contributions Total Other				189,000					
f Service Charges	(Indicate S	ource)	TOTAL	- FUNDI	NG REQUIR	ED (12)		189,000	, , , , , , , , , , , , , , , , , , ,	and the state of t			

CAPITAL PROJECT ESTIMATE	Publi	ment and Division c Works ution Contro	l Engineering	(2) Project Permanen	t Flow Meası	uring Equipmer		(3) Priority Number 76–1
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appropriation FY75 (6)	FY76 (7)	FY77 (8)	Estimated Requiren FY78 (9)	FY79 (10)	F'Y80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	189,000			189,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title General Obligation Bonds	189,000			189,000				
TOTAL								
(18) Gross Floor AreaSq. (21) Architectural and Engineering F (23) Estimated Start Date July		00		\$ Percent of Buildir Estimated Compl	=	(20) Pro _%. 11y 1976	oject Status (	Code <u>00</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	7,500			7,500		
(26) Project Description and Justific Installation of permanent in Infiltration and Syste each station is as follow  1 at Fort Rich \$ 1,50 1 at Elmendorf 1,50 1 at Airport 31,00	and contiem Growth S vs: 00 2 a	nuous sewera tudies as we at Chester Cr	ge flow manage ll as for purp eek Lift Stati reek Lift Stat	oses of bill ion \$62,000	ings on 3 or		S. Locat:	ion of

### GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of ____PUBLIC WORKS (

(1) DATE <u>March 1974</u>

#### 5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Treatment Plant Projects (2)											
DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED BY (5)					7777 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)
		STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*	11/2 (4)	F I /6 \'/	E I / / (O)	F 1 / 8 \ / /	F 1 /9 (10)
Laboratory Sludge Degritting Sludge Processing	\$ 39,350 138,500	\$	\$	\$	\$	\$ 39,350 138,500	14,200 138,500	6,500	10,150	8,500	
Equipment Sludge Disposal	160,000			agamayan, opportunitation	detinant	160,000		160,000	Militar Galarys - Lepidonaves		
Equipment Structure Covers Scum Incinerator	750,000 380,000 150,000			re en devenium de remaine en de entre de deservicion de deservicio	And an analysis of the analysi	750,000 380,000 150,000			750,000 380,000	150,000	The state of the s
Process Equipment Addition Aeration System Power Generator Data Equipment Shop Building Maintenance Equip. Water Softener Accessory Equipment System Modification	75,000 50,000 250,000 80,000 160,000 19,000 20,000 10,000 11,500					75,000 50,000 250,000 80,000 160,000 19,000 20,000 10,000 11,500	75,000 45,000 19,000 20,000 10,000 5,000	50,000 3,250	250,000 25,000 160,000		10,000
	2,293,350	The state of the s		Street, was and dates on the dates of the da	2	,293,350				,	
* Other Source of Funding a General Obligation Bonds b Revenue Bonds c City of Anchorage d Fund Balance e Contributions from			Total Fed Total Bo Total Bo Total Co	Total State Funds (11) Total Federal Funds Total Bond Funds Authorized Total Bond Funds Not Authorized Total Contributions Total Other				219,750	1,578,400	158,500	10,000
f Service Charges g(Indicate Source)			TOTAL	TOTAL - FUNDING REQUIRED (12)				219,750	1,578,400	158,500	10,000

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works Water Pollution Control			(2) Project  Treatment	(3) Priority Number			
			New-Appro-		An older to the state of the st			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Pulldings	34,000		13,000	6,500	6,000	8,500		
<ul><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	5,350		1,200		4,150			
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			-				
(18) Gross Floor AreaSq. (21) Architectural and Engineering F		(19) Bu	ilding Cost Per Sq. Ft.	\$ Percent of Buildir	ng Cost	(20) Pr	oject Status (	ode 00
المستحد والمستعدد المستحد والمستحد والمستحدد والمستحد والمستحدد والمستحد والمستحدد والمستحد والمستحدد والم	1974	Man	(24)	Estimated Compl	etion Date	June 1978		Marries - Marries & American Santana (1911) - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1
(25) Effect on Budget	Years	Years	Salaries & Wages	Other	Objects	Total Cost		Revenues
List Program(s) Affected	First Year Full				which for march desired conventions			

- (26) Project Description and Justification (Continue on Additional Sheets, same size)
- (12) <u>Equipment</u>, <u>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) Other: 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	Public	nent and Division Works Pollution (				tment Plant Ope inding & Dewate		(3) Priority Number 75-1
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land	5,000	anne de commence de principal de company de la company de la company de commence de commen	5,000				Andre	
(14) Buildings (15) Other Improvements (16) Other	133,500		133,500					
TOTAL	138,500		138,500					
(17) Estimated Cost by Source of Funds					officer for the second of the			
Code Fund Title			The sky me of above red	T-1-1-	and the state of t			***
General Obligation Bonds	138,500		138,500		- Angelongia de de la compansa de la			e control of the cont
TOTAĻ					Ohio remanaron, ignore			1
(18) Gross Floor Area600Sq. (21) Architectural and Engineering I			Iding Cost Per Sq. Ft.		ng Cost 10	(20) Pr	oject Status Co	ode 00
(23) Estimated Start Date July	1974	untermit kraitiset pateiniser vinnamer research vinnames de research 1954 :		Estimated Comple	etion Date	December 1974		**************************************
(25) Effect on Budget	· Years	Man Years	Salaries & Wages	Other	Objects	Total Cost	: <u> </u>	Revenues
List Program(s) Affected	First Year Full Year							•

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

- (12) Equipment, Moveable: 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) Building: 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	Publi	tment and Divisi c Works Pollution		(2) Project Sludge	erations-	(3) Priority Number		
			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
(12) Equip. (Moveable) (13) Land	95,000			95,000				
(14) Buildings (15) Other Improvements (16) Other	65,000			65,000				
TOTAL	160,000			160,000				
(17) Estimated Cost by Source of Funds								
Code Fund Title								
General Obligation Bonds	160,000			160,000				
(18) Gross Floor Area 1256 Sq (21) Architectural and Engineering			ilding Cost Per Sq. Ft.	\$ 51.75 Percent of Buildir	ng Cost_10	(20) Pr	oject Status C	ode 00
(23) Estimated Start Date Jul	y 1975			Estimated Comple		June 1976		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos	t	Revenues
List Program(s) Affected	First Year Full							
	Year						<u> </u>	

- (26) Project Description and Justification (Continue on Additional Sheets, same size)
- (12) Equipment, Moveable: 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	Public	nent and Divisi Works Pollution			posal & Hea	nt Plant Open t Recovery Ed	luipment	(3) Priority Number 77-4
-			New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul><li>(12) Equip. (Moveable)</li><li>(13) Land</li><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	650,000				650,000 100,000			
TOTAL	750,000				750,000			
(17) Estimated Cost by Source of Funds Code Fund Title								
General Obligation Bonds	750,000	iii Medilinearess abrance abra	Account of the second of the s	eausipleus-biodelmus errete didept	750,000	G GA-Per galler versus/Articles de promos		ALEVANOS ANI ANI POTO A PRAS ANI POTO A
TOTAL	And the second s	Angel						
(18) Gross Floor AreaSq (21) Architectural and Engineering			ilding Cost Per Sq. Ft.	S Percent of Buildin	All the situation of the security of the secur		oject Status	Code 00
	ly 1976			Estimated Compl	_	une 1977		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos		Revenues
List Program(s) Affected	First Year Full Year				erden sein eine Gebeurg besteht der sein der sei		en e	

- (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) Other Improvements: 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	Public	nent and Division Works Pollution (		(2) Project Open S	<u>Title</u> Treat tructure C	erations-	(3) Priority Number 77-5	
			New-Appro-			Estimated Require	ments	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	380,000				380,000			
TOTAL	380,000	,			380,000			
(17) Estimated Cost by Source of Funds								
Code Fund Title	4							
General Obligation Bonds	380,000	of the state of th			380,000	)		
TOTAL								
(18) Gross Floor Area 45,000 So (21) Architectural and Engineering (23) Estimated Start Date Jul				\$ 8.44  Percent of Buildir  Estimated Comple		(20) Pr %. December 1977	roject Status C	Code 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos	t	Revenues
List Program(s) Affected	First Year Full Year							

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

^{(14) &}lt;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	Public Water	Pollution (		(2) Project S	Title Treat	tment Plant Ope erator Estimated Require		(3) Priority Number 78-1
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	150,000					150,000		
TOTAL	150,000					150,000		
(17) Estimated Cost by Source of Funds								·
Code Fund Title	a commence of the commence of							e de como de como como como como como como como com
General Obligation Bonds	150,000		The second secon			150,000		
TOTAL	A CONTRACTOR OF THE CONTRACTOR					Carrier (Andrews)		Jumpholytonius and the second
(18) Gross Floor AreaSq. (21) Architectural and Engineering For (23) Estimated Start Date July				Percent of Buildin Estimated Comple		(20) Pro %. June 1978	oject Status C	ode 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Total Cost		Revenues
List Program(s) Affected	First Year Full Year				·			

⁽²⁵⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹²⁾ Equipment, Moveable: 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	Public	ment and Division : Works Pollution C		(2) Project Proces	(3) Priority Number 75-2			
		_	New-Appro-	Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
(12) Equip. (Moveable) (13) Land	25,000		25,000					
<ul><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	10,000 40,000	Action and administration	10,000 40,000					
TOTAL	75,000		75,000					
(17) Estimated Cost by Source of Funds Code Fund Title								Afternation of the state of the
General Obligation Bonds	75,000		75,000					
TOTAL								
(18) Gross Floor AreaSection (21) Architectural and Engineering	•		ding Cost Per Sq. Ft. \$	S Percent of Buildir	ng Cost 10	(20) Pr _%.	oject Status (	ode 00
(23) Estimated Start Date Ju	ly 1974		(24)	Estimated Comple	etion Date D	ecember 1974		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cost	<u> </u>	Revenues
List Program(s) Affected	First Year Full Year				And the second s			

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

- (12) Equipment, Moveable: (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) Other Improvements: 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	Publi	ment and Divis Works Pollution		1	<u>Title</u> Treatmer essure Aerat	nt Plant Ope tion System	rations-	(3) Priority Number 76-4
	port .		New-Appro-		· · · · · · · · · · · · · · · · · · ·	Estimated Requirements		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation . FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80
<ul><li>(12) Equip. (Moveable)</li><li>(13) Land</li><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	50,000			50,000				
TOTAL	50,000			50,000				en estendar ja ana
(17) Estimated Cost by Source of Funds	NAMES C						e marini mandam e minda kaka kaka pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengan	
Code Fund Title			KO-P-MARIPA PARA			Nicorni, market		
General Obligation Bonds	50,000	Transference (date-consciputo)		50,000		WALL TO THE PARTY OF THE PARTY		***************************************
TOTAL	Town Constitution of the C	Pine vice Pinkylamizerii	St. A mayer way organization of the state of			-Anti-Anti-Anti-Anti-Anti-Anti-Anti-Anti		er weight of the Control of the Cont
(18) Gross Floor AreaSq	. Ft.	(19) Bu	ilding Cost Per Sq. Ft.	**************************************		(20) Pr	oject Status C	ode 00
(21) Architectural and Engineering (23) Estimated Start Date Jul	Fees:			Percent of Buildin	-	_%. 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⁾ Other Improvements: 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 EST: NO	Public	ent and Division Works Pollution Co		( <u>2) Project</u> Treatment F	l Tide Plant Operati	ons - Power	Generator	(3) Priorityiv_mber
y ty to any amin'ny fivondron'ny amin'ny faritr'o ao	The same of the sa		New-Appro-	Estimated Requirements				
Estimated Cost by Object	Excimated Total Cost (4)	Apprep. Prior Years (5)	priation FY75 (6)	FY 76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY8(
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	250,000				250,000			
TOTAL	250,000				250,000	e i i denominação que que com en encontracione de destador de la composição de la composição de la composição	, , , , proper to have advantage or residence to	
(17) Estimated Cost by Source of Funds Code Fund Title								
General Obligation Bonds	250,000				250,000			NAMES AND THE PROPERTY OF THE
TOTAL								
(18) Gross Floor AreaSc	Į. Ft.	(19) Build	ding Cost Per Sq. Ft.		***************************************		roject Status C	ode 00
(21) Architectural and Engineering (23) Estimated Start Date July				Percent of Build  Estimated Comp		_%. ne 1977		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Othe	r Objects	Total Cos	t	Revenues
List Program(s) Affected	First Year Full Year							

⁽²⁵⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹²⁾ Equipment, Moveable: 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	Public	nent and Division Works Pollution C		(2) <u>Project</u> Data A	tions-	(3) Priority Number			
and the second s			New-Appro-	Estimated Requirements					
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80	
(12) Equip. (Moveable) (13) Land (14) Boildings (15) Other Improvements (16) Other	80,000	No. of the Control of	45,000		25,000		10,000		
TOTAL	80,000		45,000		25,000		10,000		
(17) Estimated Cost by Source of Funds									
Code Fund Title General Obligation Bonds	80,000								
TOTAL		a the same of the	skerniklióð sener						
(18) Gross Floor AreaSq. (21) Architectural and Engineering F		(19) Bui	ding Cost Per Sq. Ft. \$	Percent of Buildin	****************	(20) Proj %.	ect Status C	ode <u>00</u>	
(23) Estimated Start Date July	1974	gadyingiligi iskqaayadda iskirkirkaaddaadke bhebhmaddishir "Dyirm dabb	(24)	Estimated Compl	etion Date J	une 1979		·	
(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⁾ Other Improvements: 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.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution	<del></del>	(2) Project New S	ntenance-	(3) Priority Number 77–1				
			New-Appro-			Estimated Requirements				
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Lend</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	155,000 5,000				155,000 5,000					
TOTAL	160,000				160,000					
(17) Estimated Cost by Source of Funds					Account to the second s					
Code Fund Title  General Obligation Bonds	160,000				160,000					
TOTAL										
(18) Gross Floor Area 5760 Sc (21) Architectural and Engineering (23) Estimated Start Date J				\$ 27.00 Percent of Buildin			roject Status (	Code 00		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cos	<u>t                                      </u>	Revenues		
List Program(s) Affected	First Year Full Year							nagangan ay ang na majaman a <b>ma</b> gandang na magandang		

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

^{(14) &}lt;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⁾ Other Improvements: Add approximately 2300 sq. feet of paving necessary for vehicle entrance to building.

		ment and Division	£	(2) Project	Title Treatme	ent Plant Mai	ntenance-	(3) Priority		
CAPITAL PROJECT ESTIMATE	ŧ.	: Works <u>Pollution Co</u>		ŧ		Maintenance E	i	<u>Number</u> 75–7		
ардын айыр компания элек бөө төмөө бөсөөгөө 1980 1980 1980 1980 (1980 жылын байын айын айын айын айын айын айын айын	walet_	FOLIBLION CO	New-Appro-	Estimated Requirements						
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY8:		
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	19,000		19,000	To the second se						
TOTAL	19,000		19,000							
(17) Estimated Cost by Source of Funds Code Fund Title General Obligation Bonds	19,000		19,000							
TOTAL				er e e e e e e e e e e e e e e e e e e						
(18) Gross Floor AreaSc		(19) Build	ing Cost Per Sq. Ft.				oject Status Co	ia <u>00</u>		
(21) Architectural and Engineering (23) Estimated Start Date Ju.	Fees: ly 1974	SOLUMENT AND COMPANY OF SECTION AND SOUTH AND		Percent of Buildin Estimated Comple						
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other	Objects	Total Cost	. F.	evenues		
List Program(s) Affected	First Year Full Year		s second							

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹²⁾ Equipment, Moveable: (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.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution C	_	(2) Project Water Softe	ntenance	(3) Priority Number 75-6				
			New-Appro-	Estimated Requirements						
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80		
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	20,000		20,000							
TOTAL	20,000		20,000							
(17) Estimated Cost by Source of Funds Code Fund Title General Obligation Bonds	20,000		20,000							
TOTAL							species as a species			
(18) Gross Floor AreaSc (21) Architectural and Engineering (23) Estimated Start Date Jul	•	(19) Build		\$Percent of Buildir Estimated Comple	<del>-</del>	(20) Pr %. ecember 1974	oject Status C	ode 00		
(25) Effect on Budget	· Years	Man Years	Salaries & Wages		Objects	Total Cost	t	Revenues		
List Program(s) Affected	First Year Full Year		**************************************							

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹⁵⁾ Other Improvements: 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	Public	nent and Division Works Pollution Co		(2) Project Equipm	ntenance-	(3) Priority Number 75-4				
			New-Appro-	Estimated Requirements						
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)		
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> </ul>	5,000		5,000	August en er						
TOTAL	10,000		10,000					-		
(17) Estimated Cost by Source of Funds				The state of the s	THE STATE OF THE S	·				
. Code Fund Title							·			
General Obligation Bonds TOTAL	10,000		10,000							
(18) Gross Floor AreaSq. (21) Architectural and Engineering f		(19) Build		Percent of Building	g Cost	**************************************	oject Status C	ode <u>00</u>		
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other C	1	Total Cost	Bischillerichten binnterhammen gerannen in Ernenaunse	Revenues		
List Program(s) Affected	First Year Full Year									

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹²⁾ Equipment, Moveable: Add power operated man-lift equipment capable of being moved to required locations and with lift to minimum height of 32 feet for maintenance of presently inaccessible building heating and lighting equipment.

⁽¹⁵⁾ Other Improvements: Add elevated platform around sludge filter and access stairways to platform as well as to two locations at sludge incinerator for personnel safety and reduction in operations and maintenance time associated with poor access.

CAPITAL PROJECT ESTIMATE	Public	nent and Division Works Pollution Co		(2) Project Scum & Eff	(3) Priority Number				
			New-Appro-						
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80 (11)	
<ul><li>(12) Equip. (Moveable)</li><li>(13) Land</li><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	11,500		5,000	3,250	3,250				
TOTAL	11,500		5,000	3,250	3,250				
(17) Estimated Cost by Source of Funds		of derivative and a state of the state of th							
Code Fund Title  General Obligation Bonds  TOTAL	11,500								
(18) Gross Floor AreaSq. (21) Architectural and Engineering F		(19) Build	ing Cost Per Sq. Ft.	\$Percent of Building	***************************************	(20) Pr	oject Status C	ode 00	
<del>-</del>	1974	······································		Estimated Comple	_	 June 1977	-		
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects	Tetal Cost		Revenues	
List Program(s) Affected	First Year Full Year								

- (26) Project Description and Justification (Continue on Additional Sheets, same size)
- (15) Other Improvements: (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.

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Page	 8 <u>1</u>

March 1974

DATE_

## GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of ___PUBLIC WORKS (1)

5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Sewage Pumping Stations Projects (2)

DESCRIPTION (3)	TOTAL		то ве	FUNDED B	₃ Y (5)		  -x== (6)	150mz (7)	FY77 (8)	EV70 (9)	FY79 (10)
	PROJECT COST (4)	STATE	FEDERAL	ASSESS.	SERV. AREA	OTHER*	FY/5 (O)	FY/6 (//	FY//(c)	F1/8 (//	F Y /9 (10)
Data Equipment	\$ 40,000	\$	\$	S	\$	\$ 40,000 (a)	40,000		de trime de la constanta de la		
Pumping Station Replacements	220,000					220,000 (a)	145,000			To a second seco	75,000
Pumping Equipment Replacements and Additions	52,000	Andreas de la companya del la companya de la compan		AND A CALL DESCRIPTION OF THE PROPERTY OF THE		52,000 (a)	10,000	42,000	der-Afficial and a factor of the second of t	- Projection of the Control of the C	·
	312,000	Andrea et al martin de la composition della comp		de de la companya de	to the trip in the control of the trip in the control of the contr	312,000			· ·	-C-mark-systems (Clarifolis Systems)	- Company of the Comp
	Professional variety and a second			AND THE PROPERTY OF THE PROPER	The state of the s	The space of the s			The state of the s		
•	· ·			ski kilonina varanina varanina kanala ka	The second secon	emineral investigation		·		ereden eriodos estimatorias	
* Other Source of Fur			ì	te Funds	(1.	l)					
a General Obligation I b Revenue Bonds c City of Anchorage d Fund Balance e Contributions from			Total Federal Funds Total Bond Funds Authorized Total Bond Funds Not Authorized Total Contributions Total Other			195,000	42,000			75,000	
f Service Charges	(Indicate S	ource)	TOTAL	- FUND	ING REQUIR	ED (12)	195,000	42,000			75,000

Public	Works	rks		(2) Project Title Sewage Pumping Stations- Data Acquisition Equipment					
		New-Appro-	Estimated Requirements						
Estimated Total Cost (4)	Approp. Prior Years (5)	priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80		
40,000		40,000							
40,000		40,000	·						
					·				
40,000		40,000							
ees:	(19) Buildi	(22)	Percent of Buildin	g Cost	_%.	oject Status (	code 00		
1	Man Years						Revenues		
First Year Full Year					10.01.0031		3104011003		
	Public Water  Estimated Total Cost (4)  40,000  40,000  40,000  40,000  Ft. Fees: y 1974 Years First Year Full	Estimated Approp. Total Cost Prior Years (4) (5)  40,000  40,000  40,000  Ft. (19) Buildi Fees: y 1974 Years Years First Year Full	Public Works           Water Pollution Control           Estimated Total Cost (4)         Approp. Prior Years (5)         New-Appropriation FY75 (6)           40,000         40,000         40,000           40,000         40,000         40,000           40,000         40,000         40,000           Ft.         (19) Building Cost Per Sq. Ft. \$           Fees:	Public Works Water Pollution Control  Estimated Total Cost Prior Years FY75 FY76 (4) (5) (6) (7)  40,000 40,000  40,000 40,000  40,000 40,000  Ft. (19) Building Cost Per Sq. Ft. \$	Public Works         Water Pollution Control         Data Acquisition           Estimated Total Cost Prior Years (4)         Approp. Prior Years FY75 (6)         FY76 FY77 (7)           40,000         40,000         40,000           40,000         40,000         40,000           Ft. (19) Building Cost Per Sq. Ft. \$	Public Works Water Pollution Control         Data Acquisition Equipment           Estimated Total Cost (4)         Approp. Prior Years (5)         FY75 FY76 FY77 FY78 (7)         FY78 (9)           40,000         40,000         40,000         40,000         40,000           40,000         40,000         40,000         40,000         40,000           Ft. (19) Building Cost Per Sq. Ft. \$ (22) Percent of Building Cost %.         (20) Process: (22) Percent of Building Cost %.         %.           Y 1974 Man Years Salaries & Wages Other Objects Total Cost First Year Full         Salaries & Wages Other Objects Total Cost Year Full	Public Works   Water Pollution Control   Data Acquisition Equipment		

(26) Project Description and Justification (Continue on Additional Sheets, same size)

(15) Other Improvements: 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.

	(1) Departo Public	nent and Division Works	<u>n</u> (		(2) Project Title  Sewage Pumping Stations - Replacements					
CAPITAL PROJECT ESTIMATE	Water	<u>Pollution C</u>	ontrol	Sewage Pun	mping Stati					
	Estimated	Approp.	New-Appro- priation	Estimated Requirements						
	Total Cost	Prior Years	FY75	FY76	FY77	FY78	FY79	FY80		
Estimated Cost by Object	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11).		
(12) Equip. (Moveable)										
(13) Land			- 1 T				75 000			
(14) Buildings	220,000		145,000				75,000	)		
(15) Other Improvements			**************************************							
(16) Other				-			75 000			
TOTAL	220,000	~~~	1.45,000		ann ann an		75,000	<i>'</i>		
(17) Estimated Cost by			and the second s	, ,		**************************************				
Source of Funds			or the state of th	-						
Code Fund Title			Washers and American							
	220 000		non-maritiment of the control of the	-						
General Obligation Bonds	220,000		a silving and an analysis of the silving analysis of the silving analysis of the silving and an analysis of the silving analysis of the silving and an analysis of the silving and an analysis of the silving and an analysis of the silving analysis of the silving and an analysis of the silving analysis of the silving and an analysis of the silving analysis of the silv			er de la company				
•								G. Andrews		
TOTAL			aan/needigrij Needigrij							
(18) Gross Figor AreaSq.	Ft.	(19) Buile	ding Cost Per Sq. Ft. \$		***************************************	(20) Pr	oject Status (	Code 00		
(21) Architectural and Engineering F	ees: <u>22,00</u>			Percent of Buildin	g Cost 10	%.	- Control of the Cont			
(23) Estimated Start Date July	7 1974	a pulangangan paninana manakan mandan mina ganah man		Estimated Comple		me 1979				
(25) Effect on Budget .	Years	Man Years	Salaries & Wages	Other (	Objects	Total Cost		Revenues .		
List Program(s) Affected	First									
	Year	de la companya de la	•		Security Advanta	•				
•	Full Year	ALCO PROPERTY.			and a state of the					
	<u> </u>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

^{(14) &}lt;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.

CAPITAL PROJECT ESTIMATE	Public	ment and Divisi Works Pollution (		(2) Project Pumping Equ	1	(3) Priority Number			
	Estimated		New-Appro-	Estimated Requirements					
Estimated Cost by Object (12) Equip. (Moveable)	Total Cost (4)	Approp. Prior Years (5)	Priation FY75 (6)	FY76 (7)	FY77 (8)	FY78 (9)	FY79 (10)	FY80	
<ul><li>(13) Land</li><li>(14) Buildings</li><li>(15) Other Improvements</li><li>(16) Other</li></ul>	52,000		10,000	42,000					
TOTAL	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 AreaSq. (21) Architectural and Engineering I (23) Estimated Start Date July	ees:			\$Percent of Buildin		(20) Pro %. une 1976	oject Status C	ode 00	
(25) Effect on Budget	Years	Man Years	Salaries & Wages		Objects Ju	Total Cost		Revenues	
List Program(s) Affected	First Year Full Year					Total Cost		1.0761.005	

⁽²⁶⁾ Project Description and Justification (Continue on Additional Sheets, same size)

⁽¹⁵⁾ Other Improvements: (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.

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GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of ___PUBLIC WORKS

(1)

359,000 4,772,00d

DATE March 1974

5 YR CAPITAL IMPROVEMENT PROGRAM

Girdwood - Alyeska Projects (2) SUMMARY OF_ DESCRIPTION (3) TO BE FUNDED BY (5) TOTAL FY78 (9) FY79 (10) FY75 (6) FY76 (7) FY77 (8) **PROJECT** COST (4) STATE FEDERAL ASSESS. SERV. AREA OTHER* Sewer System 5,131,000 1,252,000 2,470,000 359,000 4,772,00d 1,409,000 (a) Other Source of Funding Total State Funds (11) General Obligation Bonds Total Federal Funds Revenue Bonds Total Bond Funds Authorized City of Anchorage 359,000 4,772,000 Total Bond Funds Not Authorized Fund Balance Total Contributions

TOTAL - FUNDING REQUIRED (12)

Total Other

(Indicate Source)

Contributions from

Service Charges

CAPITAL PROJECT ESTIMATE	Pub1:	rtment and Div Lc Works r Pollution	<del></del>	(2) Project Title  Girdwood - Alyeska				(3) Priority  Number  75-1
	<b>,</b>		New-Appro-		ments			
Estimated Cost by Object	Estimated Total Cost (4)	Approp Prior Yea (5)	1 '	FY76 (7)	FY77 (8)	FY78 (S)	FY79 (10)	FY8
<ul> <li>(12) Equip. (Moveable)</li> <li>(13) Land</li> <li>(14) Buildings</li> <li>(15) Other Improvements</li> <li>(16) Other</li> <li>TOTAL</li> </ul>	5,131,0	00	5,131,000					
(17) Estimated Cost by Source of Funds								
Code Fund Title								
State	1,252,0	00	1,252,000					
Sewer Bonds	3,879,0	00	3,879,000					
TOTAL	5,131,0	00	5,131,000					
(18) Gross Floor AreaSo (21) Architectural and Engineering (23) Estimated Start Date Jul	•			Percent of Buildin	-	(20) Pro %. July 1975	oject Status C	ods 00
(25) Effect on Budget	Years	Man Years	Salaries & Wages		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.

Treatment Facility \$ 246,500 Interceptors 1,632,000 Laterals 3,252,500 \$5,131,000

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March 1974

DATE_

## GREATER ANCHORAGE AREA BOROUGH

DEPARTMENT of PUBLIC WORKS (1)

5 YR CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF Sewer Equipment ____ Projects (2) TO BE FUNDED BY (5) DESCRIPTION (3) TOTAL FY77 (8) FY78 (9) FY79 (10) FY75 (6) FY76 (7) **PROJECT** SERV. AREA OTHER* ASSESS. COST (4) STATE **FEDERAL** \$ 79,000 79,000 79,000 Vehicles (a) Other Source of Funding (11)Total State Funds General Obligation Bonds Total Federal Funds Revenue Bonds Total Bond Funds Authorized City of Anchorage .79,000 Total Bond Funds Not Authorized Fund Palance Total Contributions Contributions from_ Total Other Service Charges 79,000 -0--0--0---()--TOTAL - FUNDING REQUIRED (12) _(Indicate Source)

CAPITAL PROJECT ESTIMATE	Public	ment and Division : Works Pollution Co	•	(2) Project Equip		(3) Priority Number 75-1			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	New-Appro- priation FY75 (6)	FY76	FY77 (8)	Estimated Require FY78 (9)	FY79 (10)	FY80	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other TOTAL	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 AreaSq. (21) Architectural and Engineering Fig. (23) Estimated Start Date		(19) Buildi	(22)	t. \$ (20) Project Status Code					
(25) Effect on Budget .	Years	Man Years	Salaries & Wages		Objects	Total Cost	t	Revenues	
List Program(s) Affected	First Year Full Year								
(26) Project Description and Justifica (1) 35,000 G.V.W. Cab - (1) Tanker (1) 1/2 Yd Backhoe		on Additional She \$16,000 21,000 42,000 \$79,000	ets, same size)		·				