SUMMARY OF INDIVIDUAL CAPITAL IMPROVEMENT PROGRAM PROPOSALS 1975-1980 CAPITAL IMPROVEMENT PROGRAM

(1) Department Public Works (2) Division Water Utility

******	-					W 100 100 100 100 100 100 100 100 100 10		_
Pri	or			Year	in Which F	unding is R	equested	
Yr. No (3)		Name of Project	1975	1976	1977	1978	1979	1980
(3)		(4)	(5)	(6)	(7)	(8)	(9)	(10)
								(10)
В	1	Distribution Mains	770	850	900	900	900	900
B*	2	Transmission Mains	485	500	500			1
9	3	Upgrade Distribution	275	275	275			
0*	- 4	Upgrade Transmission	450	900	800			
C	5	New Connections	200	200	200	1		
В	6	Meters	150	250	250			
В	7	USGS Watershed Study	60	60	60			
В	8	Auxiliary Power	40	40	40			1
В	9	New Equipment	58	85	60		a a	1
B*	10	Disttribution						
	1	Reservoir	0	0	800	0	0	1,000
В*	11	Production Wells	0	300	300	300	300	
В	12	Telemetering	250	50	20			
В	13	State Highway						
		Projects	60	60	70	70	80	80
В	14	Heating of Water	75	0	0	0	0	0
B*	15	Resource Development	4,850	3,250	3,000	1,500	1,000	1,000
0	16	Relocation of Utilities	100	100	100	100	100	100
В	17	Misc. Requirements &		l			•	
ı	ı	Contingencies	150	150	150	150	150	150
		TE FUNDS	1,445	1,235	1,225	675	550	800
*		DERAL FUNDS	I		2,450	1,350	1,100	1,600
	BON	D FUNDS AUTHORIZED		0	0	0	0	0
	RO1	D FUNDS NOT AUTHORIZED	5,628	4,860	2,475	1,175	885	1,040
		TRIBUTIONS	200	200	200	200	200	200
	OTH	RECIATION	700	775	1,175	1,275	1,375	1,475
	OIU	LER						•
(12)	TOT	AL - FUNDING REQUIRED	7,973	7,070	7,525	4,675	4,110	5,115
CTD 1				A				- ,

CIP-1

Page 108

CLEATER DROVING DESTRICT	(1) Depart	ment and Div	dsion		(2) Pr		3) Priority Number		
CAPITAL PROJECT ESTIMATE	Public W	orks/Water	Utility	<i>,</i>	Dist		75-1		
			New-Appro priation	* * 1000		. Estima	ted Requiremo	nts.	1
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	66.*	9	19 7 .6 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	5,220	700	770)	850	900	900	900	900
TOTAL	5,220	700	770		850	900	900	900	900
Estimated Cost by				T		The second secon			
Source of Funds									
Code Fund Title TOTAL									
(18) Gross Floor Area N/	A Sa.Ft	(10)	Ruildina	Cast	Per Sq.Ft.	s N/A	(20 Proj	ect Status (Code P.E.
(21) Architectural and Engi	neering Fees	: 9%	narrarug	(22) Percent	of Building	Cost N/A	% .	
(23) Estimated Start Date	January 1,	1975		(24) Estimate	ed Completic	n Date Dec.	<u>. 31. 1975</u>	
(25) Effect on Budget Y	ears Years	Salaries &	Wages	Oth	er Objects	Tot	al Cost	Re	venues
List Program(s) Affected F	irst ear								
F	ull ear								

This item provides for the design and construction of distribution mains (8" to 12") throughout the service area. Included are Improvement Districts, Water Main Extension Agreements, and Subdivision Agreements which may be financed by the City in whole or part, if the agreement covers only oversizing costs. The following projects are scheduled for the 1975 construction season:

Campbell Creek Subdivision	- \$70,000	Johnson-Young Subdivision -	\$50,000
Murray Subdivision -	80,000	Shelikof Subdivision -	5,000
Aero Acres Subdivision -	55,000	Chugach Meadows -	70,000
	•	Rosewood Park Estates -	40,000

CAPITAL PROJECT ESTIMATE		nt and Division		(2) Pr		(3) Priority Number 75-2			
			New-Appro	* * *		Estim	Estimated Requirements		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 1975 (6)		19 <u>7</u> 6 (7)	1977 (8)	1978 (9)	1979 (10)	1-980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	2,985	450	485	5	500	500	500	500	500
TOTAL	2,985	450	485	,	500	500	500	500	500
Estimated Cost by									
Source of Funds									
Code Fund Title		·				america en y populación de del Autopia de			
(18) Gross Floor Area 1 (21) Architectural and Engi (23) Estimated Start Date	January	: 9%	Building	(of Buildin	(20 Project N/A on Date Dec.	ect Status 	
(25) Effect on Budget	ran Years Years	Salaries &	Wages	Oth	ner Objects	То	tal Cost	Re	venues
List Program(s) Affected	irst ear ull								
` `	ear		I.				•		

This item includes design and construction of transmission mains (12" and larger) to complete the Water Utility Transmission System Grid. The following projects are scheduled for the 1975 construction season:

- "A" Street, Northern Lights to 36th Avenue \$160,000
 DeBarr Road, Norman Street to Pine Street 225,000
- 3. Briarwood and 74th Transmission Main 100,000

This item covers various loop-ties and distribution system upgrading throughout the distribution system. The following projects are scheduled for the 1975 construction season:

1.	Baxter Road Pressure Reducing Pit	-	\$30,000
2.	Chester Creek Crossing - Sitka Street	-	90,000
3.	East 4th - Camelot to Wonder Park School	-	30,000
4.	Miscellaneous Loop-Ties	-	60,000

	(1) Depar	tment and Div	dsion	·	(2) Pr		(3) Priority Number		
CAPITAL PROJECT ESTIMATE	Public W	Public Works/Water Utility			Uрg		75-4		
		9 B . W		:o-		. Estimat	Estimated Requirements		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 197 (6)		19 76 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	3,350	700	45	0	900	800	400	400	400
TOTAL	3,350	700	45	0	900	800	400	400	400
Estimated Cost by Source of Funds Code Fund Title TOTAL									
(18) Gross Floor Area (21) Architectural and Eng (23) Estimated Start Date	N/A Sq.Ft gineering Fees January 1	: 9%	Building		t Per Sq.Ft. (22) Percent (24) Estimate	of Building	Cost N/A	٧.	Code P.E.
(25) Effect on Budget	Years Years	Salaries &	Wages	Otl	her Objects	Tota	al Cost	Re	venues
List Program(s) Affected	First Year								
	Full								

This item includes the design and purchase of the 42" pipe for the replacement of the 24" wood-stave on Fifth Avenue from the Chrysler Center to Orca and an additional tie line from the Treatment Plant to Valve Vault #4.

- 1. 42" Transmission Main (Chrysler Center to Orca) Design and Pipe Only \$250,000
- 2. Tie from Treatment Plant to Vault #4 200,000

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works/Water Utility				(2) Pr		(3) Priority Number 75-5		
	Public W	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	New-App	AND RECEIPTED IN THE PERSON OF THE	7	lew Connect	ed Requiremo	nte	
Estimated Cost by Object	Estimated Total Cost (4)	Approp.	priation 197 (6)	a	1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	1,500	300	20	00	200	200	200	200	200
TOTAL	1,500	300	20	00	200	200	200	200	200
Estimated Cost by Source of Funds Code Fund Title TOTAL		·							
(18) Gross Floor Area (21) Architectural and Engi (23) Estimated Start Date	In Progr	: N/A	Building		t Per Sq.Ft. (22) Percent (24) Estimate	of Building	Cost N/A		Code NO
List Program(s) Affected	(25) Effect on Budget Years Years Salaries & Wages Ot		Ot	her Objects	Tot	al Cost	R	evenues	
	(ear Full (ear	1							

- (26) Project Description and Justification (Continue on Additional Sheets, same size)
- (16) This project provides a contribution in aid of construction to furnish material and labor for service connections to be made in the coming year. We are estimating making 1,000 connections of various sizes. The number by sizes can not be estimated at this time.

	-	(1) Depar	tment and Div	rision	(2) Pr	(2) Project Title						
	CAPITAL PROJECT ESTIMATE	Public W	orks/Water	Utility	M		75-6					
1				New-Appro-		. Estimated Requirements						
	Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 19 75 (6)	1976 (7)	1977 (8)	1978 (9)	1 9 79 (10)	1980 (11)			
CHOLDA VI	(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	950	100	150	250	250	100	50	50			
i	TOTAL	950	100	150	250	250	100	50	50			
THE THOUSE AND C	Estimated Cost by Source of Funds Code Fund Title TOTAL											
	(18) Gross Floor Area (21) Architectural and Eng (23) Estimated Start Date	N/A Sq.Ft ineering Fees In Prog	: N/A	Building Co	st Per Sq.Ft. (22) Percent (24) Estimate	of Building	Cost N/	A %.	Code NO			
		rian Years Years	Salaries &	Wages 0	ther Objects	Tot	al Cost	F	Revenues			
`	List Program(s) Affected	First Year										
	1	Full Year										

- (26) Project Description and Justification (Continue on Additional Sheets, same size)
- (16) Purchase of water meters to complete metering policy of all commercial, 4-plex units and larger, and industrial buildings. This is in accordance with the Tariff now on file with the Alaska Public Utilities Commission.

This project is a continuation of the monitoring program that has been in progress for the past ten (10) years. The projects to be studies next year will encompass the study of both underground and surface water resources in the Ship Creek and Campbell Creek Watersheds, as well as assistance in development of wells as outlined the in the 1974 Water Source Study.

CAPITAL PROJECT ESTIMATE		ment and Div			(2) Pr A ux		(3) Priority Number 75-8		
			New-Appr	:o-		. Estima	ted_Requiremo	nts	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 197 (6)		1 976 (7)	1 977 (8)	1978 (9)	1 979 (10)	1980 (11)
(12) Equip. (Moveable)	80		2	0	20	20	20		
(13) Land (14) Buildings (15) Other Improvements (16) Other	80		2	0	20	20	20		
TOTAL	160		4	0	40	40	40		
Estimated Cost by				1000					
Source of Funds									
Code Fund Title									
(18) Gross Floor Area N/ (21) Architectural and Engi (23) Estimated Start Date	ineering Fees		Building		t Per Sq.Ft. (22) Percent (24) Estimat	of Building	(20 Proj 3 Cost N/A on Date Dec	%٠	Code P.E.
	rian		.,	ortoini stamma tarro		E .	tal Cost		evenues
List Program(s) Affected 1	<u>Kears Years</u> First Kear	Salaries &	wages	υŧ	her Objects	10	LAI CUSE	<u> </u>	
	Full Year								

This item consists of purchasing and installing auxiliary generators for Well #2, #3, #6, and #8. Standby power assures a continuous power source for periods of power failure to insure an adequate water supply for fire protection.

-	(1) Depar	tment and Div	vision	(2) Pr	oject Title		(3) Priority Number	
CAPITAL PROJECT ESTIMATE	Public Wo	rks/Water	IItility	N	New Equipment				
			New-Appro-			ted Requirem	iramonts		
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 1975 (6)	1976 (7)	1977 (8)	19 78 (9)	1979 (10)	1-980 (11)	
<pre>(12) Equip. (Moveable) (13) Land</pre>	441	40	41	85	60	60	75	80	
(14) Buildings (15) Other Improvements (16) Other	3 18	0 4	3 14		,				
TOTAL	462	44	58	85	60	60	75	80	
Estimated Cost by Source of Funds Code Fund Title									
. :									
(21) Architectural and Eng (23) Estimated Start Date	N/A Sq.Ft ineering Fees January 1 rian Years Years	: N/A		st Per Sq.Ft. (22) Percent (24) Estimat ther Objects	of Building ed Completic	Cost N			
List Hogiam(s) Affected	First Year Full Year								
(26) Project Description						t or new e	guipment i	s needed	
Replacement and purchas to upgrade existing fle maintenance section for (12) Replacement of si (12) Purchase of new 2 boiler truck whic (14) Extension of exis	et. Also i a replacer x (6) ½-Tor O' insulate h is a 1962	ncluded is ment and ad a Pickups and d van for ! Dodge)	s purchase ddition bas at \$4,000 (boiler (Re	of smaller sis. each eplace exis	tools and	equipment			

		Priority Number
		75-9
(15) (15)	Purchase of CC-25 Tapping Machine for large taps (Replacement) Purchase of desks, filing cabinets and conference room equipment	\$ 3,500 5,500
(15)	for new building addition Miscellaneous small equipment and tools for Engineering Section	3,000

7 - 1	(1) Depar	tment and Dis	vision		" (2) Pr		3) Priority Number			
CAPITAL PROJECT ESTIMATE	Public Wo	Public Works/Water Utility				Distribution Reservoir				
				co-						
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 197 (6)	_	19 76 (7)	1 977 (8)	1978 (9)	1979 (10)	1-980 (11)	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements	1 900	500				000				
(16) Other	1,800	500		0	0	800	0	0	1,000	
TOTAL	1,800	500		0	0	800	0	0	1,000	
Estimated Cost by Source of Funds										
Code rund litle										
					and the second					
TOTAL								·		
(18) Gross Floor Area N	I/A Sq.Ft	. (19) : : 9%	Building	Cos	t Per Sq.Ft. (22) Percent	\$ N/A of Building		ect Status C	ode PPE	
(23) Estimated Start Date			····		(24) Estimate					
nan			or Astronomic Print	her Objects	STREET,	al Cost	1	renues		
a mroe . rogram(s) mrreced a	First Year									
	Full Year									

This item covers the design and construction of distribution reservoirs for additional storage of treated water to meet the peak distribution system demands and fire protection.

•	(1) Depar	tment and Div	dsion	(2) P:	(2) Project Title					
CAPITAL PROJECT ESTIMATE	Public W	orks/Water	Utility	P	roduction N	Wells		75-11		
			New-Appro-	-	. Estima	ted Requirem	cats			
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 19 75 (6)	19 76 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)		
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	1,500	0	Ō	300	300	300	300	300		
TOTAL	1,500	0	0	300	300	300	300	300		
Estimated Cost by Source of Funds										
Code Fund Title TOTAL		·								
(18) Gross Floor Area N/A Sq.Ft. (19) Building Cost Per Sq.Ft. \$ N/A (20 Project Status Code P.E. (21) Architectural and Engineering Fees: 9% (22) Percent of Building Cost N/A %. (23) Estimated Start Date January 1, 1975 (24) Estimated Completion Date Continuing								ode P.R.		
(25) Effect on Budget	Man Years Years	Salaries &	Wages	Other Objects	Tot	al Cost	Rev	enues		
List Program(s) Affected	First Year									
II III	Full Year									

This item consists of the design and construction of test wells, production wells, wellhouses, and transmission pipelines. The Water Source Study done by Tryck, Nyman & Hayes recommends development of production wells to supplement present water supply sources.

121

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works/Water Utility				(2) Pr Te		(3) Priority Number 75-12				
		CONTRACTOR OF THE PROPERTY OF	liew-Appi	10.720.00 HE WOOD		Telemetering Estimated Requirements					
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 197 (6)		1976 (7)	1 977 (8)	1978 (9)	1979 (10)	1980 (11)		
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	380	0	25		50	20	, 20	20	20		
TOTAL	380	0	25	0	50	20	20	20	20		
Estimated Cost by Source of Funds Code Fund Title TOTAL											
(18) Gross Floor Area N/A Sq.Ft. (19) Building Cost Per Sq.Ft. \$ N/A (20 Project Status Code PPC (21) Architectural and Engineering Fees: N/A (22) Percent of Building Cost N/A %. (23) Estimated Start Date June 1, 1975 (24) Estimated Completion Date Dec. 31, 1980											
List Program(s) Affected	Years Years First Year	Salaries &	Wages	0:1	her Objects	Tot	al Cost	Re	venues		
	Full Year										

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

This item consists of the design and installation of a monitoring system for all the wells, reservoirs, pressure reducing stations, booster stations and valve pits in the water system from the Treatment Plant.

(1) Department and Division				(2) Pr		3) Priority Number			
CAPITAL PROJECT ESTIMATE	Public W	orks/Water	Utility	,	Stat		75-13		
			New-Appro	5- L		Estim	ated Requirem	cats	
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	priation 1975 (6)		1 976 (7)	1977 (8)	1978 (9)	1979 (10)	1-980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	420	75	60		60	70	, 70	80	80
TOTAL	420	75	60)	60	70	70	80	80
Estimated Cost by									
Source of Funds									
Code Fund Title		8							
TOTAL									·
(12) (2 72 73	/A	(10)	D 1	Cant	Dan Ca Fr	\$ N/A	(20 Prof	ect Status	ode DE
(18) Gross Floor Area N (21) Architectural and Eng			-				g Cost N/A		7
(21) Architectural and Eng (23) Estimated Start Date	_					ed Completi		ntinuing	
	nan		Uasas	como milados	r Objects		tal Cost	7	zenues
	<u>Years Years</u> First	Salaries &	wages ,	Othe	Lobjects	10	tar COST	Ne.	
Service of the servic	Year								
	Full						,		
·	Year						•		

This item covers the design and construction of utility relocation, adjustments, and system upgrading prior to future Department of Highways road construction. Projects scheduled for 1975 construction are as follows:

- 1. DeBarr Road
- 2. Boniface Parkway
- 3. Tudor Road

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works/Water Utility				(2) Pr	(3) Priority Number 75-14				
	Labite Mc	THE COLUMN THE PROPERTY OF THE PARTY OF THE	New-Appr	DRIVERS COOKS IN		eating o	mated Requirem	ents		
Estimated Cost by Object	Estimated Total Cost (4)		priation		1976 (7)	1977 (8)		1979 (10)	1980 (11)	
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	75	0		5						
TOTAL	75	0	7	5						
Estimated Cost by Source of Funds Code Fund Title TOTAL		·								
(18) Gross Floor Area N/A Sq.Ft. (19) Building Cost Per Sq.Ft. \$ N/A (20 Project Status Code PPP (21) Architectural and Engineering Fees: N/A (22) Percent of Building Cost N/A %. (23) Estimated Start Date June 1, 1975 (24) Estimated Completion Date Dec. 31, 1975										
(25) Effect on Budget	rian Years Years	Salaries &	Salaries & Wages Ot				Total Cost		Revenues	
List Program(s) Affected	First Year									
10 10	Full Year						•			

This item provides funding to connect the Water Utility Transmission System to the heat exchanger which will be financed and built by ML&P.

CAPITAL PROJECT ESTIMATE	I	tment and Di			(2) Project Title					
	TUDITO NO	Suppleative approximasion polygon transcension conserva-	Shurrellate Vision Old Vision Vision Visital States		rce Develor	SANDER DESCRIPTION AND DESCRIPTION OF THE PROPERTY OF THE PROP	W 2007 CONTROL OF THE PROPERTY	75-15		
	Estimated	9 .	New-Appro- priation		<u>Estima</u>	ted Requirem	ents	***		
Estimated Cost by Object	Total Cost (4)	Prior Years (5)	19 75 (6)	19 7 6	1977 (8)	1978 (9)	1979 (10)	1980 (11)		
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	10,300	200	4,850	3,250	3,000	1,500	1,000	1,000		
TOTAL Estimated Cost by	10,300	200	4,850	3,250	3,000	1,500	1,000	1,000		
Source of Funds			-							
Code Fund Title										
TOTAL										
(18) Gross Floor Area N/A Sq.Ft. (19) Building Cost Per Sq.Ft. \$ N/A (20 Project Status Code PPP (21) Architectural and Engineering Fees: 9% (22) Percent of Building Cost N/A %. (23) Estimated Start Date In Progress (24) Estimated Completion Date Continuing										
(25) Effect on Budget List Program(s) Affected	Years Years First	Salaries &	Wages 0	ther Objects		ıl Cost		venues		
	Year									
	Full Year									

This item provides for design and construction of facilities necessary to meet the growing demand for treated water. Included is the modification of the Diversion Dam for additional outlets and the construction of off-stream storage ponds and appurtenances.

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works/Water Utility				(2) Pr		3) Priority Number 75-16		
	FUDITE WO		New-Appr			ocation of	ed Requiremo		
Estimated Cost by Object	Estimated Total Cost (4)		priation	ı į	19<u>7</u>6 (7)	1977 (8)	1978 (9)	1979 (10)	1-980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	600	200	10	0	100	100	100	100	100
TOTAL	600	200	10	0	100	100	100	100	100
Estimated Cost by Source of Funds Code Fund Title TOTAL		•	-						
(18) Gross Floor Area N/A Sq.Ft. (19) Building Cost Per Sq.Ft. \$ N/A (20 Project Status Code PE (21) Architectural and Engineering Fees: 9% (22) Percent of Building Cost N/A %. (23) Estimated Start Date In Progress (24) Estimated Completion Date Continuing									
(25) Effect on Budget	ears Years	Salaries &	Wages	0:1	her Objects	Tota	al Cost	Re	venues
List Program(s) Affected	irst Cear								
I II	ull ear						•		

This item covers the relocation and adjustment of utility appurtenances prior to City of Anchorage and Greater Anchorage Area Borough paving projects.

CAPITAL PROJECT ESTIMATE	(1) Department and Division Public Works/Water Utility				(2) Pr Miscella Continge	ind	3) Priority Number 75-17		
	Estimated		New-Appr			Estima	ed Requirem	nts	
Estimated Cost by Object		Approp. Prior Years (5)	priation 197 (6)		19 76 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)
(12) Equip. (Moveable) (13) Land (14) Buildings (15) Other Improvements (16) Other	900	100	15	0	150	150	150	150	150
TOTAL	990	100	1.5	0	150	150	150	150	150
Estimated Cost by Source of Funds	-								
Code Fund Title TOTAL		·							
(18) Gross Floor Area N/ (21) Architectural and Engi			Building		t Per Sq.Ft. (22) Percent			ect Status (ode <u>No</u>
(23) Estimated Start Date		- W/22			(24) Estimate			A~	
	Man Years Years	Salaries &	Wages	Otl	ner Objects	Tota	Total Cost		venues
	First Kear								
F	Full Year						•		

This item covers emergency situations unforeseen at this time, such as rescheduled projects and the unscheduled replacement of equipment.