



FIRE DEPARTMENT



## CITY OF ANCHORAGE

DATE June 12, 1975DEPARTMENT OF FIRE (1)

## CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF FIRE OPERATIONS Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED IN THOUSANDS (5)						(6)	(7)	(8)	(9)	(10)	(11)
		G/O BONDS	REVENUE BONDS	FEDERAL	STATE	OTHER	GAAB	1976	1977	1978	1979	1980	1981
Fire Training Center 77-1	1850				1850				650	1200			
Fire Apparatus 76-1	260					260				30	30	30	170
Emergency Fire Communication Equip. 76-2	365				225	135	5	145	100	120			
TOTAL (12)	2475				2075	395	5	145	750	1350	30	30	170
OTHER SOURCE OF FUNDS (13)		COMMENTS (14)											
General Fund Appropriation													

FUNDING REQUIREMENTS FIRE DEPARTMENT (in thousand of dollars)

	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>Total</u>
GAAB	5	-0-	-0-	-0-	-0-	-0-	5
General Fund Appropriation	50	45	70	30	30	30	255
State of Alaska	<u>90</u>	<u>705</u>	<u>1280</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>2075</u>
	145	750	1350	30	30	30	2335

The main goal of the Fire Department at this time is to improve fire defense in the east and west extremities of the City. We propose to accomplish this by adopting an OPTICOM traffic control system that will not only offset developing heavy traffic jeopardy of fire apparatus but will expedite the movement of fire apparatus much more speedily to the outlying areas. We also propose to offset the fire response deficiency on the east end of the City of Anchorage by implementing an additional engine company at fire station 3. For this purpose we need to acquire a new fire apparatus in 1976 contingent upon approval of the Council for the additional Company.

Fire Training Center at fire station 3. This particular item was submitted in 1973 and 1974. Due to inflation the estimate goes up about 15% a year. We are now in the hopes that the newly authorized Regional Fire Training Commission of the Governor will recommend development of this site. It should be pointed out that the City of Anchorage will have to pursue its interest with the Commission in order to get this site designated as the one for Southcentral Alaska. It is also anticipated that the cost of this project will be funded 100% by the State.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
		Fire Operations			Fire Training Center			77-1	
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		862,000			145,000	717,000			
(16) Other		988,000			505,000	483,000			
TOTAL		1,850,000			650,000	1,200,000			
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	State Funding	1,850,000			650,000	1,200,000			
	TOTAL								

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_ PE-LA

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

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

1977 - Paving	250' x 36' = 9,000	1977 - Paving	790' x 36' = 28,440
	250' x 250' = 62,500		3 x 100 x 100 = 30,000
	\$3.56 x 71,500 = 255,000		\$3.56 x 58,440 = 208,000
Drill Tower	110,000	Trees and Shrubs	3,000
Fire Training Building	35,000	Hose Stream Practice Area	7,000
Lighting	5,000	Lighting	7,000
Fencing	10,000	Fencing	10,000
Total	415,000	Total	235,000

# Fire Training Center

1978 - Paving	500' x 36' =	18,000	
	100' x 100' =	10,000	
	300' x 300' =	<u>90,000</u>	
	\$3.75 x	118,000	= \$443,000

Trees and Shrubs	5,000
Petroleum Fire Area	4,000
Driver Training Course Painting & Layout	3,000
Hose Stream Practice Area	7,000
Lighting	5,000
Fencing	<u>16,000</u>
Total	\$483,000

1978 - Construct Classroom Building	\$717,000
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Classroom building comprised of; office, classrooms. library and study rooms, storage rooms, lockers, shower and toilet rooms, with 6,400 square feet of usable area upstairs, plus a facility at basement level to be used as a training area during inclement weather.

The Fire Training Center proposal has been reviewed previously during C.I.P. work sessions. Points agreed to on this project were:

1. That the Training Center should be funded 100% by the State.

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CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
		Fire Operations			Fire Apparatus			76-1	
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Approp- riation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)		260				30	30	30	170
(13) Land									
(14) Buildings									
(15) Other Improvements									
(16) Other									
TOTAL									
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	Lease Purchase								
	General Fund Appropriation	260				30	30	30	170
	TOTAL								

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_ PE-SPC

(25) Effect on Budget	Years	Man Years	Salaries & Benefits	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
Fire Operations	Full Year	13	350,904	9,426	360,330	-0-

(26) Project Description and Justification (Continue on Additional Sheets, Same size)  
 Proposed bond of \$135,000 for 1976 is for acquisition of a 1500 GPM pumper, with continuous flow light water system and equipped as required by N.F.P.A. Pamphlet 19. Acquisition of pumper is contingent upon Council's final approval of initiating new fire company at Station 3. This concept was tentatively approved by Council during 1975 budget hearings, during Fire Department presentation of budget request. Initially, company would be initiated using a reserve pumper. Upon receipt of new apparatus, the pumper would then be converted to reserve status. The salary and benefit costs are based on the wages and benefits authorized as of July 1, 1975. The 1981 request is for replacement of a 1250 GPM pumper. The delivery date for the pumper to be ordered in 1976 is 1978.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title			(3) Priority Number	
		Fire Operations			Emergency Communication System (OPTICOM)			76-2	
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)		365		145	100	120			
(13) Land									
(14) Buildings									
(15) Other Improvements									
(16) Other									
TOTAL		365		145	100	120			
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	G.F. Appropriation	135		50	45	40			
	State of Alaska	225		90	55	80			
	GAAB	5		5					
	TOTAL	365		145	100	120			
(18) Gross Floor Area _____ Sq. Ft.    (19) Building Cost Per Sq. Ft. \$ _____    (20) Project Status Code _____ (21) Architectural and Engineering Fees: _____    (22) Percent of Building Cost _____%    PE (23) Estimated Start Date _____    (24) Estimated Completion Date _____									
(25) Effect on Budget		Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues		
List Programs(s) Affected		First Year							
		Full Year							
(26) Project Description and Justification (Continue on Additional Sheets, Same size) Emergency communication system, (Opticom Traffic Control) is needed to reduce excessive reponse time to the eastern and western portions of the city limits. Figures being submitted are preliminary only, pending updated information from traffic engineering department. The project is being proposed on a 3 year completion schedule, with response routes to eastern and western limits of the city receiving first priority. During the past year, response time have increased due to congested traffic, jeopardizing safety of motorist and fire department personnel. The concept of this program has joint approval of City and Borough Public Safety Officials, and City Traffic Engineer.									