

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	FIRE
Program Category	FIRE PROTECTION

POLICY GOALS

To provide fire suppression capability and Emergency Medical Services commensurate with governing policies, rules & regulations and generally complying with the level of services desired by the tax paying community. To effectively and aggressively manage available resources to insure optimum delivery of services at the lowest possible cost. To monitor operational procedures, supervisory and managerial efforts to determine overall departmental effectiveness. Establish and implement programs designed to improve efficiency and/or lower costs without sacrificing quality. Advise the Municipal Administration of any situation or potential occurrence requiring their attention and recommend possible solutions or course of action to be followed.

Policy goals are in concert with established, recognized fire protection agencies, recommendations and policies for providing emergency medical services, and traditional public safety considerations.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

During this CIP time span, the department will direct emphasis to (1) consolidation of administrative offices, fire prevention division and vehicle maintenance facility into a single complex; (2) Acquisition of replacement and/or new fire apparatus to include pumpers, aerial apparatus, aircraft crash vehicle, tanker and attack pumpers; (3) construction of a new fire station in the vicinity of Dimond Boulevard and the old Seward Hiway to provide improved response posture in the rapidly developing south central portion of the Anchorage Bowl.

PRIORITY CRITERIA

NEED: Reevaluation of departmental needs indicate an urgent requirement to consolidate widely dispersed functions into a single complex adjacent to the present fire station No. 3 (Airports Heights Rd.). In effect, this site will become the Anchorage Fire Department Headquarters. Construction of the new station is recognized as a valid need commensurate with normal municipal growth. Acquisition of new and/or replacement fire apparatus is an on-going requirement to maintain a viable program.

Feasibility: For improved efficiency of operations and good management principles, it is deemed very important that proposed projects be initiated in a timely manner and completed at the earliest possible time.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
Fire
Project Category
Fire Protection

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
<u>556001</u> Upper Rabbit Creek Road Fire Station	400,000	400,000	Property has been purchased and design contract negotiations are underway. Project is expected to be 85% completed by end of calender year 1979.
<u>556002</u> Brush Fire Vehicles	30,000	15,748	Project is expected to be completed by 1 July 1979. An overrun of approximately \$3,000 is anticipated. Funds (if needed) will be transferred from 1979 operational budget unit 5520.
<u>59AA01</u> Replacement Pumpers	559,400	200,000	Project proceeding on schedule. Purchase order for 2 units has been awarded. Aquisition of remaining units will be revised in this Capital Improvement Plan to more accurately reflect changing needs.
<u>557001</u> Two Position Communications Console	62,270	62,270	Project is relatively complete. We are awaiting receipt of the final components to close out purchase order.
<u>558001</u> Eagle River Fire & EMS Station	453,200	453,200	Project is ready to award construction contract. Additional funding in the amount of \$210,000 is being pursued at this time. Barring further problems, we anticipate that this project will be approximately 95% complete by end of calender year 1979.
<u>59YY01</u> Chugiak VFD Replacement Tanker	70,000	70,000	Chugiak Board of Supervisors have requested revision of 1979 CIB to change this project to "Attack Pumper" in lieu of "Replacement Tanker" and reduce cost to \$40,000. Proposed revision will be accomplished by Assembly Resolution.
<u>566001</u> Fire Training Center	2,300,000	2,300,000	Project is funded by state grant incremental payments. Project is on schedule with completion anticipated as early as 15 November and not later than 31 December 1979.

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

Department Fire		Account Code 0431-5560							
Program Category Fire Protection		Project Category Anchorage Fire							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1980	1981	1982	1983	1984	1985	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Aircraft Crash/Rescue Apparatus		219.2							219.2
Dimond Boulevard Fire Station and Equipment			2112.5						2112.5
Emergency Vehicle Maintenance Facility				1633.9					1633.9
Fire Administrative Offices				900.7					900.7
Replacement Pumpers		227.0		133.0					360.0
TOTALS ➤		446.2	2112.5	2667.6				5007.1	219.2

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

Department Fire	Account Code 0431-5560
Program Category Fire Protection	Project Category Anchorage Fire
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Aircraft Crash Fire Apparatus	<p>This project shall provide a firefighting vehicle specifically designed and manufactured for use in combating aircraft crash fire and/or hydrocarbon fuel fires. The apparatus shall be self-contained, capable of "off-road" operation and have carrying capacity of 2,000 gallons of water and 300 gallons of foam concentrate. This will result in 20,000 gallons of finished foam capable of delivery at 1500 gallons per minute through a roof mounted turret nozzle, bumper turret nozzle and one (1) high pressure hand line. This vehicle, housed at Airport Heights Station, will respond to all emergencies at Merrill Field as well as any other incident requiring the use of specialized extinguishing capability.</p>
Dimond Boulevard Fire Station and Equipment	<p>This project will provide a two (2) company fire station in the general vicinity of Dimond - C Street - Old Seward intersection(s) to improve response time for the rapidly developing area within a two (2) mile radius of the proposed location. The project includes one (1) 1500 gallon per minute pumper apparatus and one (1) aerial truck (ladder or elevating platform). The structure anticipated to be approximately 5000 square feet in size and contain the usual accommodations associated with a full time paid fire station.</p>
Administrative Offices	<p>This project is intended to provide a new, modern structure of adequate size to accommodate all administrative offices and fire prevention section of the fire department. Structure is to be of sufficient size to provide offices for the Fire Chief and his senior staff members, offices sufficient for 10 fire inspectors/ investigators and space for clerical personnel and functions. It is estimated that approximately 6000 square feet of floor space will be required to accommodate these functions. The project is anticipated to be separate structure physically located on land presently leased from the state adjacent to Fire Station 3 on Airport Heights Road. This structure will become a part of the Anchorage Fire Department Headquarters complex, scheduled to be located on this site.</p>
Emergency Vehicle Maintenance Facility	<p>This project will provide a new, modern motor vehicle maintenance garage and parts storage for Anchorage Fire Department vehicle fleet. The structure shall be designed for heavy duty hydraulic lifts for large fire apparatus weighing 15-20 tons. Adequate stalls will be provided to maintain a fleet of 48 emergency vehicles (fire apparatus and ambulances) and 31 support vehicles such as service trucks, wrecker, light generators, snow machine, etc. This structure will also house repair function for non-motorized tools and equipment such as ladders, breathing equipment, nozzles, hoses, etc. Small gasoline driven power tools such as rescue saws,</p>

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

Department Fire		Account Code 0431-5560
Program Category Fire Protection		Project Category Anchorage Fire
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Emergency Vehicle Maintenance Facility (continued)	hydraulic rescue tools, power generators, etc., will also be maintained and repaired. Accommodations will be provided for body work (to include welding), paint booth for small tools and appliances, and required fire pump testing facilities.	
Replacement Pumper	Programmed replacement of older pumpers which exceeds 12 years of age. Older fire apparatus become undependable and costly to maintain. In some instances, parts are no longer available, leading to extensive modifications just to keep the vehicle operational. Failure of emergency equipment to operate properly could result in serious consequences.	

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: FIRE DEPARTMENT

PROJECT CATEGORY: CHUGIAK FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1980	1981	1982	1983	1984	1985			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.V.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	0	85	0	0	0	0	85		
INTERFUND CHARGES	0	2	0	0	0	0	2		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	87	0	0	0	0	87	0	87

SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIN BURSABLES
	1980	1981	1982	1983	1984	1985			
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	0	0	0	0	0	0	0	
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	87	0	0	0	0	87		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	87	0	0	0	0	87	0	87

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

Department Fire	Account Code 0404-5590
Program Category Fire Protection	Project Category Chugiak Fire
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
New Fire Tanker - Chugiak	This project will provide a new fire tanker apparatus to support firefighting operations in the Chugiak Fire Service Area. The vehicle will be similar in appearance and design to those presently in use in other service areas of the Municipality.