

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 and 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 Highway to provide improved response posture in the rapidly developing south central portion of the Anchorage Bowl.

PRIORITY CRITERIA

NEED: Continuing review of departmental needs indicate that the plan to consolidate widely dispersed functions is viable and should be vigorously pursued. Thus, all projects are broadly addressed in 3 groups as follows:

1. Locate new Maintenance Facility and Administrative Offices on Airport Heights Road, creating in effect, the Anchorage Fire Department Headquarters Complex.
2. Construct new fire station in South Anchorage to meet valid need of normal growth in area to be served.
3. Acquire new or replacement fire fighting vehicles.

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	400.0	400.0	Property purchased and design contract awarded. Request for supplemental funding submitted to State Legislature in 1980 Session. Anticipated completion in late fall or early winter of 1980.
<u>59AA01</u> Replacement Pumpers	559.4	200.0	Proceeding on schedule. Two units on order with delivery expected in mid-summer 1980.
<u>558001</u> Eagle River Fire & E.M.S. Station	453.2	-0-	Project completed and occupied in December 1979. The funds were supplemented by a \$200,000 State Grant.
<u>566001</u> Fire Training Center	2,300.0	-0-	Project completed and occupied in January 1980.
<u>59YY01</u> Chugiak VFD Replacement Tanker	70.0	70.0	Project was changed to "Attack Pumper" in lieu of "Replacement Tanker" and is proceeding on schedule with expected delivery of vehicle in April, 1980.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: FIRE DEPARTMENT

PROJECT CATEGORY: ANCHORAGE FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1981	1982	1983	1984	1985	1986			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	98	137	0	0	0	0	236		
LAND AND R.O.W.	0	162	0	0	0	0	162		
CONSTRUCTION	1,465	1,844	0	0	0	0	3,308		
EQUIPMENT	585	720	253	0	0	0	1,558		
INTERFUND CHARGES	91	401	7	0	0	0	499		
OTHER	0	0	0	0	0	0	0		
TOTAL	2,239	3,264	260	0	0	0	5,763	0	5,763
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	1,760	860	0	0	0	0	2,620	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	416	2,404	133	0	0	0	2,953	2,953	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	63	0	0	0	0	0	63		
OTHER	0	0	127	0	0	0	127		
TOTAL	2,239	3,264	260	0	0	0	5,763	2,953	2,810
OPERATING AND MAINTENANCE COST ESTIMATE									
OPERATING EXPENDITURES	0	0	853	1,877	2,065	2,272			5520
OPERATING REVENUES	0	0	0	0	0	0			5600
NET OPERATING COST	0	0	853	1,877	2,065	2,272			5100

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

Department FIRE		Account Code 0431-5560							
Program Category FIRE PROTECTION		Project Category ANCHORAGE FIRE OPERATIONS							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1981	1982	1983	1984	1985	1986	<input checked="" type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Emergency Vehicle Maintenance Facility	1,760						1,760		
Replacement Pumpers	228		133						361
Administrative Offices		860					860		
Dimond & "C" Street Fire Station		2025							2,025
Aircraft Crash/Rescue Fire-fighting Vehicle	251							63	188
Aerial Ladder Tower, 100 ft. Firefighting vehicle		274							274
Fire Tanker		106							106
Tanker/Pumper			127					127	
TOTALS	2,239	3,265	260				2,620	190	2,954

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

Department	FIRE	Account Code	0431-5560
Program Category	FIRE PROTECTION	Project Category	ANCHORAGE FIRE OPERATIONS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
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, 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.</p>		
Replacement Pumpers	<p>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.</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>		
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>		

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

Department FIRE	Account Code 0431-5560
Program Category FIRE PROTECTION	Project Category ANCHORAGE FIRE OPERATIONS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Aircraft Crash/Rescue Firefighting Vehicle	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 Height Station, will respond to all emergencies at Merrill Field as well as any other incident requiring the use of specialized extinguishing capability.
Aerial Ladder Tower, 100 ft. Fire-fighting vehicle	This project will provide for purchase of a 100 ft. aerial ladder tower, to replace a 1948 model, 65 ft. aerial ladder truck. The apparatus would be placed into immediate service, with an older model 100 ft. ladder being placed in reserve status.
Fire Tanker	Provides funding for purchase of fire tanker with 1250 gallon-per-minute pump. Proposed vehicle will replace a 1963 model which is non-dependable and difficult to maintain.
Tanker/Pumper	Provides funds for purchase of a tanker/pumper firefighting vehicle. Apparatus is to be a four wheel drive chassis, equipped with a 1750 gallon water tank and a 300 gallon-per-minute pump.

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
	1981	1982	1983	1984	1985	1986			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	90	0	0	0	0	0	90		
INTERFUND CHARGES	4	0	0	0	0	0	4		
OTHER	0	0	0	0	0	0	0		
TOTAL	94	0	0	0	0	0	94	0	94
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
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		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	94	0	0	0	0	0	94		
TOTAL	94	0	0	0	0	0	94	0	94

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 OPERATIONS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
New Fire Tanker - Chugiak	<p>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.</p>

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT-UTILITY: FIRE DEPARTMENT

PROJECT CATEGORY: EAGLE RIVER FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1981	1982	1983	1984	1985	1986			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	0	126	0	0	0	0	126		
INTERFUND CHARGES	0	4	0	0	0	0	4		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	130	0	0	0	0	130	0	130
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
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		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	130	0	0	0	0	130	130	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	130	0	0	0	0	130	130	0

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

Department FIRE		Account Code 0403-5580							
Program Category FIRE PROTECTION		Project Category EAGLE RIVER FIRE OPERATIONS							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1981	1982	1983	1984	1985	1986	<input type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Fire Pumper		130							130
TOTALS		130							130

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

Department FIRE		Account Code 0403-5580
Program Category FIRE PROTECTION		Project Category EAGLE RIVER FIRE OPERATIONS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Fire Pumper	<p>This provides for replacement of a 1971 model vehicle. The older vehicle is beginning to become undependable and is difficult to maintain. Parts are difficult to locate and sometimes need to be fabricated. New vehicle will have 4 wheel drive chassis, improving response posture for the Eagle River Station. Older vehicle will be placed in reserve status.</p>	