

MUNICIPALITY OF ANCHORAGE – CIP - 1  
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	Fire
Program Category	

POLICY GOALS

- To provide fire/prevention suppression and emergency medical capability commensurate with governing policies, rules and regulations and generally adhering to level of service desired by the taxpaying community.
- To efficiently manage available resources to insure optimum delivery of effective services at the lowest possible cost.
- To constantly evaluate results of overall efforts and initiate modifications as required by changing conditions or requirements.
- To provide modern fire apparatus and emergency medical service fleets embodying special features designed for specific use, such as aerial platforms and aircraft crash/rescue, and providing safest possible transportation of patients and emergency crews.
- To provide an efficient Civil Defense system and improve the readiness of Municipal government to manage large scale natural and man-made emergencies.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

- Consolidation of Administrative offices, Fire Prevention Division, Fire Training Center, and Emergency Vehicle Maintenance Facility into a single complex.
- Acquisition of replacement and/or new fire apparatus to include pumpers, aerial apparatus, aircraft crash/rescue vehicles, tankers, attack pumpers and other equipment as dictated by needs.
- 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 southcentral portion of the Anchorage Bowl.
- Acquisition of replacement and/or new emergency medical service vehicles to include advanced life support units, transport units, and other equipment as dictated by needs.
- Acquisition and installation of an improved emergency notification siren system to provide coverage for entire Municipality of Anchorage.

PRIORITY CRITERIA

Continuing review of community requirements for adequate Fire and Emergency Medical Service and Civil Defense along with Department Management needs broadly address projects in three groups as follows:

1. Locate new Administration and Fire Prevention Division 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 firefighting and emergency medical vehicles and Civil Defense equipment.

MUNICIPALITY OF ANCHORAGE - CIP - 2  
EXISTING CAPITAL BUDGET SUMMARY

Department

Fire

Project Category

## EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
501Y02 Fire Truck	138	137	Project completed - tanker received April 1982.
51AA02 Vehicle Main- tenance Facility	1,760	1,713	Proceeding on schedule. Construction phase currently underway with expected completion by November 1982.
530600 Replacement Chassis for Modular Medic Unit	15	15	This program has proved to be uneconomical and will be terminated.
553101 Fire Tanker	107	106	Equipment on order with expected delivery by November 1982.
553102 Holding Tank	45	45	Preparing specifications for water storage tank and pump to supply Eagle River fire apparatus.
554200 Fire Department Equipment	57	57	Reimbursing Chugiak Fire Service Area for Attack Pumper and fire station roof repair. Protective clothing purchased.
556200 Replacement Tanker- Muldoon	107	106	On order with expected delivery by November 1982.
556301 Replacement Pumper	125	125	In process of accepting lowest bid with delivery expected by March 1983.
556303 Replacement Pumper- Muldoon	125	125	In process of accepting lowest bid with delivery expected by March 1983.
556400 Rabbit Creek Completion	59	40	Supplemental funding of \$59,000 provided by 1981 Legislature to complete Rabbit Creek Fire Station. Project will be 100% complete by August 1982.
558000 Eagle River Fire Station and Equipment	453	55	Fire station complete. Attack pumper on order with expected delivery by September 1982.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: ANCHORAGE FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
<b>CAPITAL INVESTMENT COSTS</b>									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	1,117	0	0	0	0	0	1,117		
EQUIPMENT	647	535	359	143	148	405	2,237		
INTERFUND CHARGES	91	6	4	2	2	6	111		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>1,855</b>	<b>541</b>	<b>363</b>	<b>145</b>	<b>150</b>	<b>411</b>	<b>3,465</b>	<b>0</b>	<b>3,465</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
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	1,855	541	363	145	150	411	3,465	3,465	
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		
<b>TOTAL</b>	<b>1,855</b>	<b>541</b>	<b>363</b>	<b>145</b>	<b>150</b>	<b>411</b>	<b>3,465</b>	<b>3,465</b>	<b>0</b>
<b>OPERATING AND MAINTENANCE COST ESTIMATE</b>									
OPERATING EXPENDITURES	0	493	2,171	2,388	2,627	2,889		5220	
OPERATING REVENUES	0	0	0	0	0	0		5230	
								5520	
								0	
<b>NET OPERATING COST</b>	<b>0</b>	<b>493</b>	<b>2,171</b>	<b>2,388</b>	<b>2,627</b>	<b>2,889</b>		<b>0</b>	

OPERATING BUDGET UNITS  
WITH MAJOR IMPACTS5220  
5230  
5520  
0  
0

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

Department <b>Fire</b>				Account Code <b>0431-3560</b>					
Program Category <b>Public Safety</b>				Project Category <b>ANCHORAGE FIRE</b>					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988			
THOUSANDS OF DOLLARS									
Dimond & C Street Fire Station	1,703								1,703
Replacement Pumpers	152		363				235		750
Aerial Apparatus, Snorkel or Ladder, 100-125 Ft. Firefighting Vehicle		416							416
Tanker/Pumper		125					176		301
Fire Tanker				145					145
Attack Pumpers					150				150
<b>TOTALS</b>	<b>1,855</b>	<b>541</b>	<b>363</b>	<b>145</b>	<b>150</b>	<b>411</b>			<b>3,465</b>

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

Department Fire		Account Code 0431-3560
Program Category Public Safety		Project Category ANCHORAGE FIRE
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Dimond and C Street Fire Station	This project will provide construction and equipment for a 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 2-mile radius of the proposed location. The project includes one 1500-gallon-per-minute pumper apparatus and one aerial truck (ladder or elevating platform). The structure anticipated to be approximately 5,000 square feet in size and contain the usual accommodations associated with a full-time paid fire station. Land acquisition provided by 1982 Legislature.	
Replacement Pumpers	Programmed replacement of older pumpers which exceed 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.	
Aerial Apparatus-Snorkel or Ladder, 100 Ft.-125 Ft. Fire-fighting Vehicle	This project will replace a 1966 model, 100 ft. aerial ladder truck which was repowered in 1977. It is expected that this vehicle will reach a point of non-reliability during calendar year 1985. As lead time for acquisition exceeds 12 months, it is important that funds be made available during 1984.	
Tanker/Pumper	Provides funds for purchase of tanker/pumper firefighting vehicles. 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 – CIP - 5  
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

Department <b>Fire</b>		Account Code <b>0431-3560</b>
Program Category <b>Public Safety</b>		Project Category <b>ANCHORAGE FIRE</b>
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Fire Tanker	This project will provide for programmed replacement of older tankers which are unreliable and increasingly difficult and more expensive to maintain. Tankers are required to support fire suppression operations in non-hydranted areas of the Bowl Area.	
Attack Pumper	This project will provide replacement for two 1975 model attack pumpers which will have reached their maximum utilization.	

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: CHUGIAK FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
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	150	59	135	196	160	0	700		
INTERFUND CHARGES	2	1	2	2	2	0	9		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>152</b>	<b>60</b>	<b>137</b>	<b>198</b>	<b>162</b>	<b>0</b>	<b>709</b>	<b>0</b>	<b>709</b>
SOURCE OF FUNDS									
G.O. BONDS AUTH							TOTAL FUNDS	REIMBURSABLES	NON-REIMBURSABLES
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	152	60	137	198	162	0	709	709	
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		
<b>TOTAL</b>	<b>152</b>	<b>60</b>	<b>137</b>	<b>198</b>	<b>162</b>	<b>0</b>	<b>709</b>	<b>709</b>	<b>0</b>

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

Department Fire		Account Code 0404-3590							
Program Category Public Safety		Project Category Chugiak Fire							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988	<input type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Replacement Pumper Firefighting Vehicle	152			198					350
Replacement Tanker/Pumper Firefighting Vehicle			137		162				299
Attack Pumper, Firefighting Vehicle		60							60
<b>TOTALS</b>	152	60	137	198	162	-0-			709



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

Department Fire	Account Code 0404-3590
Program Category Public Safety	Project Category Chugiak Fire
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Replacement Pumper, Fire-fighting Vehicle	This project provides for programmed replacement of firefighting vehicles for the Chugiak Volunteer Fire Department.
Replacement Tanker/Pumper Firefighting Vehicle	This project provides for programmed replacement of firefighting vehicles for the Chugiak Volunteer Fire Department.
Attack Pumper, Firefighting Vehicle	This project provides for purchase of third all-wheel-drive firefighting vehicle of smaller size to permit faster response to remote locations with unimproved roadways.

MUNICIPALITY OF ANCHORAGE  
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: EMERGENCY MEDICAL SERVICES

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
<b>CAPITAL INVESTMENT COSTS</b>									
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	130	144	158	87	191	0	710		
INTERFUND CHARGES	2	2	2	1	2	0	9		
OTHER	0	0	0	0	0	0	0		
<b>TOTAL</b>	<b>132</b>	<b>146</b>	<b>160</b>	<b>88</b>	<b>193</b>	<b>0</b>	<b>719</b>	<b>0</b>	<b>719</b>
<b>SOURCE OF FUNDS</b>									
							<b>TOTAL FUNDS</b>	<b>REIMBUR SABLES</b>	<b>NON-REIM BURSABLES</b>
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	132	146	160	88	193	0	719	719	
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		
<b>TOTAL</b>	<b>132</b>	<b>146</b>	<b>160</b>	<b>88</b>	<b>193</b>	<b>0</b>	<b>719</b>	<b>719</b>	<b>0</b>

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

Department Fire		Account Code 0401-3306							
Program Category Public Safety		Project Category EMERGENCY MEDICAL SERVICE							
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988	<input type="checkbox"/> G.O. <input type="checkbox"/> REV		
THOUSANDS OF DOLLARS									
Replacement Medic Units (Ambulance)	132	146	160	88	193	- 0 -			719
<b>TOTALS</b>	132	146	160	88	193	- 0 -	- 0 -	- 0 -	719

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

Department <b>Fire</b>		Account Code <b>0401-3306</b>
Program Category <b>Public Safety</b>		Project Category <b>EMERGENCY MEDICAL SERVICE</b>
PROJECT TITLE	SUMMARY OF PROJECT SCOPE	
Replacement Medic Units (Ambulances)	This project provides for programmed replacement of assigned medic units used areawide.	