

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department	FIRE
Program Category	AFSA-FIRE PROTECTION

POLICY GOALS

- To provide fire suppression capability commensurate with governing policies, rules and regulations and generally adhering to level of service desired by the taxpaying community.
- To effectively manage available resources to insure optimum delivery of services at the lowest possible cost.
- To constantly evaluate results of overall efforts and initiate modifications as may be required by changing conditions or requirements.
- To provide modern fire apparatus fleet embodying special features designed for specific use such as aerial platforms, aircraft crash/rescue and providing safest possible transportation of emergency crews.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

- Consolidation of Administrative offices, Fire Prevention Division, 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.

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 three 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 firefighting 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 date.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	FIRE
Project Category	ANCHORAGE 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	550	1980 Legislature provided supplemental funding of \$150,000 to ensure completion of project. Construction contract will be awarded in April with completion expected in late fall or early winter of 1981.
<u>59AA01</u> Replacement Pumpers	559	200	Delay due to supply problems at manufacturer. One unit received, one due not later than May 1, 1981.
<u>51AA02</u> Emergency Vehicle Maintenance Facility	1,760	1,760	Proceeding on schedule. Design phase presently underway with construction expected to begin by late summer.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: ANCHORAGE FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	137	0	0	0	0	0	137		
LAND AND R.O.W.	162	0	0	0	0	0	162		
CONSTRUCTION	1,844	0	0	0	0	0	1,844		
EQUIPMENT	721	252	329	318	165	191	1,976		
INTERFUND CHARGES	401	8	2	2	2	2	417		
OTHER	0	0	0	0	0	0	0		
TOTAL	3,265	260	331	320	167	193	4,536	0	4,536

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	3,265	133	331	160	0	193	4,082	4,082	
CONTRIBUTIONS	0	127	0	160	167	0	454		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	3,265	260	331	320	167	193	4,536	4,082	454

OPERATING AND MAINTENANCE
COST ESTIMATE

OPERATING EXPENDITURES	0	500	2,199	2,419	2,661	2,927
OPERATING REVENUES	0	0	0	0	0	0
NET OPERATING COST	0	500	2,199	2,419	2,661	2,927

OPERATING BUDGET UNITS
WITH MAJOR IMPACTS

5220
5230
5520
0
0

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

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Department FIRE				Account Code 0431-5560					
Program Category AFSA-FIRE PROTECTION				Project Category ANCHORAGE FIRE PROTECTION					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
	THOUSANDS OF DOLLARS								
Replacement Pumps		133		320		193		160	486
Administrative Offices	860								860
Dimond & C Street Fire Station	2,025								2,025
Aerial Ladder Tower, 100 Ft. Firefighting Vehicle	274								274
Fire Tanker	106				167			167	106
Tanker/Pumper		127						127	
Aerial Apparatus, Snorkel or Ladder, 100-125 Ft. Firefighting Vehicle			331						
TOTALS	3,265	260	331	320	167	193		454	4,082

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

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Department	FIRE	Account Code	0431-5560
Program Category	AFSA-FIRE PROTECTION	Project Category	ANCHORAGE FIRE PROTECTION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
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.		
Administrative Offices	This project is intended to provide a new, modern structure of adequate size to accommodate all administrative offices and Fire Prevention Division 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 6,000 square feet of floor space will be required to accommodate these functions. The project is anticipated to be a separate station 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.		
Dimond Blvd. Fire Station and Equipment	This project will provide 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.		
Aerial Ladder Tower, 100 Ft. Firefighting 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.		
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.		

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Department	FIRE	Account Code	0431-5560
Program Category	AFSA-FIRE PROTECTION	Project Category	ANCHORAGE FIRE PROTECTION
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.		
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

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DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: CHUGIAK FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.U.	0	0	0	0	0	0	0		
CONSTRUCTION	0	0	0	0	0	0	0		
EQUIPMENT	138	119	64	184	159	0	664		
INTERFUND CHARGES	2	2	1	2	2	0	9		
OTHER	0	0	0	0	0	0	0		
TOTAL	140	121	65	186	161	0	673	0	673
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH.	0	0	0	0	0	0	0	0	
G.O. BONDS UNAUTH.	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		
CONTRIBUTIONS	140	121	65	186	161	0	673		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	140	121	65	186	161	0	673		

ADDED OPERATING COSTS

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Department FIRE				Account Code 0404-5590					
Program Category CHUGIAK FIRE SERVICE AREA (CFSA) FIRE PROTECTION				Project Category CHUGIAK FIRE PROTECTION					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
THOUSANDS OF DOLLARS									
Replacement Tanker/Pumper Firefighting Vehicle	140			186				326	
Replacement Pumper, Firefighting Vehicle		121			161			282	
Attack Pumper, Firefighting Vehicle			65					65	
TOTALS	140	121	65	186	161			673	

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

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Department FIRE		Account Code 0404-5590	
Program Category CHUGIAK FIRE SERVICE AREA (CFSA) FIRE PROTECTION		Project Category CHUGIAK FIRE PROTECTION	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
Replacement Tanker/Pumper Firefighting Vehicle		This project provides for programmed replacement of firefighting vehicles for the Chugiak Volunteer Fire Department.	
Replacement 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

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DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: EAGLE RIVER FIRE

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
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	126	0	167	0	0	0	293		
INTERFUND CHARGES	4	0	2	0	0	0	6		
OTHER	0	0	0	0	0	0	0		
TOTAL	130	0	169	0	0	0	299	0	299
SOURCE OF FUNDS							TOTAL FUNDS	REINBUR SABLES	NON-REIN 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	130	0	0	0	0	0	130	130	
CONTRIBUTIONS	0	0	169	0	0	0	169		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	130	0	169	0	0	0	299	130	169

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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

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Department FIRE				Account Code 0403-5580					
Program Category EAGLE RIVER FIRE SERVICE AREA (ERFSA) FIRE PROTECTION				Project Category EAGLE RIVER FIRE PROTECTION					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
THOUSANDS OF DOLLARS									
Replacement Pumper	130								130
Replacement Tanker/Pumper			169					169	
TOTALS	130		169					169	130

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

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Department FIRE	Account Code 0403-5580
Program Category EAGLE RIVER FIRE SERVICE AREA (ERFSA) FIRE PROTECTION	Project Category EAGLE RIVER FIRE PROTECTION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Replacement Pumper	<p>This project 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 four-wheel drive chassis, improving response posture for the Eagle River Station. Older vehicles will be placed in reserve status.</p>
Replacement Tanker/Pumper	<p>This project provides for replacement of a 1966 model tanker vehicle which is becoming increasingly difficult to maintain and less dependable. The new vehicle will be equipped with a pump and hoses permitting its use as a self-contained, firefighting vehicle rather than being limited only to transporting water.</p>

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

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DEPARTMENT: FIRE DEPARTMENT

PROJECT CATEGORY: EMERGENCY MEDICAL SERVICES

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1982	1983	1984	1985	1986	1987			
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	162	124	180	131	218	159	974		
INTERFUND CHARGES	3	3	2	2	2	2	14		
OTHER	0	0	0	0	0	0	0		
TOTAL	165	127	182	133	220	161	988	0	988
SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIN 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	165	0	0	0	0	0	165	165	
CONTRIBUTIONS	0	127	182	133	220	161	823		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	165	127	182	133	220	161	988	165	823

THIS CATEGORY CAUSES NO SIGNIFICANT INCREASE IN TAX SUPPORTED OPERATING COSTS

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Department FIRE				Account Code 0401-5311					
Program Category EMERGENCY MEDICAL SERVICE				Project Category EMERGENCY MEDICAL SERVICE OPERATIONS					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1982	1983	1984	1985	1986	1987			
THOUSANDS OF DOLLARS									
Replacement Medic Units (Ambulances)	150	110	182	133	220	161		806	150
Replacement Chassis for Modular Medic Units	15	17						17	15
TOTALS	165	127	182	133	220	161		823	165

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

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Department FIRE	Account Code 0401-5311
Program Category EMERGENCY MEDICAL SERVICE	Project Category EMERGENCY MEDICAL SERVICE OPERATIONS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
<p>Replacement Medic Units (Ambulances)</p> <p>Replacement Chassis for Modular Medic Units</p>	<p>This project provides for programmed replacement of assigned medic units used areawide.</p> <p>This project provides for programmed replacement of two (2) chassis for modular medic units presently in use. By transferring patient compartment to new chassis, extended life of the unit can be realized, thus reducing overall unit cost.</p>