

FIRE

ANCHORAGE FIRE DEPARTMENT

Department Goal

The goal of the Fire Department for the 1998-2003 Capital Improvement Budget/Program is to provide effective and efficient emergency operations, fire suppression and emergency medical capability through replacement of older fire apparatus, Mobile Intensive Care Units (MICU's), related fire and medical equipment and vehicles, fire stations and training facilities.

Anchorage Fire

The 1998-2003 CIP will provide for necessary replacement of aged fire apparatus, equipment and facilities to sustain emergency fire operations in the Anchorage Fire Service Area.

Chugiak Fire

Requested State grant funds would provide necessary replacement of aged equipment for the Chugiak Volunteer Fire Company.

Girdwood Fire

Requested State grant funds would provide necessary equipment for the Girdwood Service Area.

Emergency Medical Services

The 1998-2003 CIP provides for replacement of medic units and equipment to sustain emergency medical services capability throughout Anchorage, Eagle River, Chugiak and Girdwood.

Facilities

Fire facility upgrade/renovation and small construction projects are budgeted by the Department of Property and Facility Management (Chapter 9) and include such items as building additions, roof repairs and general repairs and painting. Major fire station renovation, upgrades and total fire station replacements are budgeted in the Fire Department CIB/CIP.

ANCHORAGE FIRE DEPARTMENT

Apparatus Definitions

Pumper -- Normally referred to as a "Triple Combination Pumper"; has a water tank, a "Class A" fire pump, and hose compartment. It generally has tool compartments, etc., and a minimum complement of ground ladders; it also carries the necessary complement of tools and equipment required by NFPA and ISO.

Tanker -- An apparatus designed specifically for the transport of water.

Pumper Tanker -- The same as a Tanker except it has a "Class A" fire pump that may be used for fire extinguishment as well as water transfer.

Aerial Apparatus -- An apparatus designed to carry a prescribed complement of ground ladders and has a power operated aerial ladder. The aerial ladder may vary from 65 feet to 140 feet in length.

Ladder Tower (Aerial) -- An apparatus designed with all of the ground ladder complements and the aerial ladder which terminates with a work platform.

Quint -- An aerial apparatus equipped with a "Class A" fire pump and a water tank. Vehicle is capable of operating as both an aerial and a pumper, generally not at the same time.

Crash Fire Rescue -- Vehicle constructed for the express purpose of combating aircraft fires. Usually has large capacity tank for pre-mixed light water (foam), dry chemical capacity, and a water pump. The vehicle is usually designed for off-road use and has the ability to pump and drive.

Brush Rig -- Any of a large variety of smaller apparatus equipped specifically for the purpose of combating wildland fires. The AFD generally uses an apparatus such as a one-ton pickup equipped with compartments and a "Slide in water tank and pump." This type of unit varies considerably by the terrain where it is expected to be used.

Medic Unit -- Type One, Class One, factory-equipped two- or four-wheel drive modular ambulance with ambulance prep package, GVWR 11,000 pounds. Modular design, emergency/patient lighting, etc., must comply with federal requirement KKK-A-1822C.

MUNICIPALITY OF ANCHORAGE
Capital Improvement Program
PRIORITY LIST BY DEPARTMENT
(000's)

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Fire Department

YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	MATCHING GRANTS	STATE GRANTS	OTHER SOURCES	TOTAL REQUEST
CATEGORY: Anchorage Fire							
1998	REPLACEMENT WILD LAND FIREFIGHTING VEHICLES	1	180	0	0	0	180
1998	REPLACEMENT PUMPERS	2	260	0	0	0	260
1998	FIRE STATION #8 REQUIRED UPGRADES	3	240	0	0	0	240
1998	AFD COMMUNICATIONS UPGRADE	4	200	0	0	0	200
1998	ELECTRIC LIFTS	5	90	0	0	0	90
1998	REMODEL AND EXPANSION OF STATION #10	6	235	0	0	0	235
1998	E.R. AERIAL APPARATUS-QUINT-EQUIPMENT	7	465	0	0	0	465
1998	JEWEL LAKE/SAND LAKE FIRE STATION (#7)	8	510	1,180	0	0	1,690
1998	REWIRE STATION #12 AND DISPATCH	9	160	0	0	0	160
1998	FOAM APPLICATION TRUCK/EQUIPMENT	10	115	0	0	0	115
1998	CONFINED SPACE EQUIPMENT	11	85	0	0	0	85
1998	COMMAND VEHICLES	12	60	0	0	0	60
1998	FIRE APPARATUS WARM STORAGE FACILITY	13	415	0	0	0	415
TOTAL: Anchorage Fire			3,015	1,180	0	0	4,195
CATEGORY: Chugiak Fire							
1998	REPLACEMENT TANKER PUMPER-CHUGIAK	1	0	0	292	0	292
TOTAL: Chugiak Fire			0	0	292	0	292
CATEGORY: Girdwood Fire							
1998	REPLACEMENT LIGHT RESCUE/BRUSH TRUCK-GIRDWOOD	1	0	0	200	0	200
TOTAL: Girdwood Fire			0	0	200	0	200
CATEGORY: Emergency Medical Services							
1998	EMS COMMUNICATIONS UPGRADE	1	400	0	0	0	400
1998	MOBILE INTENSIVE CARE UNIT (MICU)	2	330	0	0	0	330
1998	EMERGENCY MEDICAL EQUIPMENT	3	180	0	0	0	180
TOTAL: Emergency Medical Services			910	0	0	0	910
TOTAL FOR 1998			3,925	1,180	492	0	5,597
CATEGORY: Anchorage Fire							
1999	DOWNTOWN FIRE STATION (#1) UPGRADE	1	0	0	3,000	0	3,000
1999	INTERACTIVE MULTI-MEDIA CD ROM	2	0	0	60	0	60
TOTAL: Anchorage Fire			0	0	3,060	0	3,060
CATEGORY: Chugiak Fire							
1999	REPLACEMENT TANKER-CHUGIAK	1	0	0	250	0	250
TOTAL: Chugiak Fire			0	0	250	0	250
CATEGORY: Emergency Medical Services							
1999	MOBILE INTENSIVE CARE UNIT (MICU)	1	0	0	160	0	160
1999	EMS DATA COLLECTION SYSTEM	2	0	0	150	0	150
TOTAL: Emergency Medical Services			0	0	310	0	310
TOTAL FOR 1999			0	0	3,620	0	3,620

MUNICIPALITY OF ANCHORAGE
Capital Improvement Program
PRIORITY LIST BY DEPARTMENT
(000's)

26-Aug-97

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Fire Department

YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	MATCHING GRANTS	STATE GRANTS	OTHER SOURCES	TOTAL REQUEST
CATEGORY: Anchorage Fire							
2000	AFD COMMUNICATIONS UPGRADE	1	935	0	0	0	935
2000	REPLACEMENT PUMPERS	2	156	364	0	0	520
2000	REPLACEMENT TANKER	3	78	182	0	0	260
2000	AERIAL APPARATUS - QUINT	4	230	235	0	0	465
2000	RESCUE APPARATUS	5	230	0	0	0	230
2000	HAZARDOUS RESPONSE APPARATUS	6	345	0	0	0	345
2000	CRASH FIRE RESCUE (CFR) VEHICLE	7	200	465	0	0	665
2000	TRAINING CENTER REMODEL	8	320	0	0	0	320
TOTAL: Anchorage Fire			2,494	1,246	0	0	3,740
CATEGORY: Emergency Medical Services							
2000	EMS COMMUNICATIONS UPGRADE	1	625	0	0	0	625
2000	MOBILE INTENSIVE CARE UNIT (MICU)	2	330	0	0	0	330
TOTAL: Emergency Medical Services			955	0	0	0	955
TOTAL FOR 2000			3,449	1,246	0	0	4,695
CATEGORY: Anchorage Fire							
2001	REPLACEMENT TANKER	1	0	0	255	0	255
2001	INCIDENT COMMAND SIMULATOR	2	0	0	250	0	250
TOTAL: Anchorage Fire			0	0	505	0	505
CATEGORY: Emergency Medical Services							
2001	MOBILE INTENSIVE CARE UNIT (MICU)	1	0	0	480	0	480
TOTAL: Emergency Medical Services			0	0	480	0	480
TOTAL FOR 2001			0	0	985	0	985
CATEGORY: Anchorage Fire							
2002	REPLACEMENT PUMPERS	1	416	364	0	0	780
2002	AERIAL APPARATUS - TOWER	2	830	0	0	0	830
2002	DRILL TOWER BURN PROP	3	77	178	0	0	255
2002	PREVENTION STAFF VEHICLES	4	33	77	0	0	110
TOTAL: Anchorage Fire			1,356	619	0	0	1,975
CATEGORY: Chugiak Fire							
2002	REPLACEMENT RESCUE UNIT-CHUGIAK	1	0	0	190	0	190
TOTAL: Chugiak Fire			0	0	190	0	190
CATEGORY: Emergency Medical Services							
2002	MOBILE INTENSIVE CARE UNIT (MICU)	1	290	670	0	0	960
TOTAL: Emergency Medical Services			290	670	0	0	960
TOTAL FOR 2002			1,646	1,289	190	0	3,125
TOTAL FOR ALL YEARS			9,020	3,715	5,287	0	18,022

1998-2002 CAPITAL IMPROVEMENT BUDGET/PROGRAM

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>REPLACEMENT WILD LAND FIREFIGHTING VEHICLES This purchase will replace 1979 and 1986 high maintenance Wild Land Firefighting vehicles. The ever increasing threat of a wild land fire in the Anchorage bowl and Eagle River area makes this aquisition a high priority.</p>	B= 180	0.0 20.6	Anchorage Fire Service Area
<p>REPLACEMENT PUMPERS Programmed replacement of pumpers which have exceeded their useful life. 1998-Rabbit Creek, Station #10 2000-Downtown Station #1 -Airport Heights Station #3 2002-Spenard Station #5 -Fire Training Center As these pumpers are replaced the older pumper would be moved to reserve status.</p>	B= 260	0.0 29.7	Airport Heights Downtown Government Hill Rabbit Creek Spenard Turnagain Tudor Area
<p>FIRE STATION #8 REQUIRED UPGRADES This project would provide: health and safety upgrades to individual dorm rooms for co-ed living; training room, air resources room officer dorm, fenced security area and a building sprinkler system. Design scheduled (Continued on Next Page)</p>	B= 240	0.0 20.0	Glen Alps Hillside East Huffman/O'Malley Mid-Hillside
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			1998

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>FIRE STATION #8 REQUIRED UPGRADES (Continued) for 1998 and construction in 1999.</p> <p>AFD COMMUNICATIONS UPGRADE 1998-Improve AFD radio communications; a) in Eagle River by adding a simulcast site to the existing communications system, and b) in the Anchorage Bowl area by adding two 800mhz repeaters.</p> <p>The upgrades will improve radio coverage in densely populated mountainous areas of Eagle River and the Anchorage Hillside. As a consequence of the upgrades, AFD radio coverage in the whole Anchorage Bowl will improve as well.</p> <p>2000-Purchase/install a) one repeater and one simulcast site in Eagle River, and b) two repeaters in the Anchorage Bowl area. Project cost totals \$600,000; 1/3 allocated for fire and 2/3 Emergency Medical Services.</p>	B= 200	6.0 16.7	Anchorage Fire Service Area
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p>1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>ELECTRIC LIFTS This project would provide six portable electric lifts to replace existing underground hydraulic lifts used to raise fire apparatus off the ground for maintenance and repair. Hydraulic lifts are high maintenance and subject to leaking of the hydraulic fluid. In addition to their low maintenance, electric lifts are preferred because they can be moved easily and provide a positive locking mechanism, improving safety.</p> <p>REMODEL AND EXPANSION OF STATION #10 This project will provide the required increase in space to accomodate the additional staffing mandated to provide an ALS Engine at Station #10. The facility needs additional space for everyday operational needs.</p> <p>E.R. AERIAL APPARATUS-QUINT-EQUIPMENT PURCHASE Purchase aerial apparatus-quint to improve fire fighting capabilities in the Eagle River (Continued on Next Page)</p>	<p>B= 90</p> <p>B= 235</p> <p>B= 465</p>	<p>0.0 15.4</p> <p>0.0 20.5</p> <p>1,219.2 38.9</p>	<p>Anchorage Fire Service Area</p> <p>Bayshore/Klatt Huffman/O'Malley Mid-Hillside Old Seward/Oceanview</p> <p>Eagle River</p>
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p>1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>E.R. AERIAL APPARATUS-QUINT-EQUIPMENT PURCHASE (Continued) area. The funding for the Station #11 remodel was obtained in 1997. The design and construction will be done in 1998 and 1999. The apparatus will be ordered in 1998 with a delivery date in 1999 to coincide with the completion of the bay being constructed to house the apparatus. Additional staff to operate the apparatus, an engine company, will be necessary in 1999. Increases in the number of businesses in Eagle River have created the need for additional aerial apparatus.</p> <p>JEWEL LAKE/SAND LAKE FIRE STATION (#7) REPLACEMENT Station #7 was constructed in 1967 as a temporary structure, located at 3939 W. 84th Avenue. This project would provide funding to construct the new fire station. The site selection and design were funded in 1997. The replacement fire station to serve the Jewel (Continued on Next Page)</p>	<p>B= 510 M= 1,180</p>	<p>0.0 42.6</p>	<p>Sand Lake</p>
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p>1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION		O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
		DEBT SERVICE (000's)	
<p>JEWEL LAKE/SAND LAKE FIRE STATION (#7) REPLACEMENT (Continued) Lake area. 1999-Fire station construction Bond funding requested would be used to provide a 30% local share of total project costs required to match a 70% state grant through the Municipal Capital Project Matching Grant Program.</p> <p>REWIRE STATION #12 AND DISPATCH This project will upgrade the wiring infrastructure for Station #12 and the Dispatch Center to allow for utilization of CAD/RMS and the Municipal E-Mail technology.</p> <p>FOAM APPLICATION TRUCK/EQUIPMENT This acquisition will provide a truck, trailer and high capacity foam guns for fuel tanker, aircraft crashes and other major flammable liquid incidents.</p>	<p>B= 160</p> <p>B= 115</p>	<p>0.0 13.3</p> <p>0.0 13.1</p>	<p>Anchorage Fire Service Area</p> <p>Anchorage Fire Service Area</p>
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p align="center">1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
CONFINED SPACE EQUIPMENT This equipment acquisition is needed to meet emergency operational needs on a day to day basis plus emergency preparedness for earthquake disasters.	B= 85	0.0 9.7	Anchorage Fire Service Area
COMMAND VEHICLES Provides funding to replace two command vehicles outfitted with additional equipment such as radios and light bars. The vehicles to be replaced are two Chevy Blazers, model years 1984 and 1985.	B= 60	0.0 13.6	Anchorage Fire Service Area
FIRE APPARATUS WARM STORAGE FACILITY This project requests design and construction funding in 1998. The design would be complete in 1999 and construction of the warm storage facility would begin in 2000. The facility is required to provide warm storage for reserve apparatus that may be needed at a moments notice.	B= 415	0.0 34.7	Anchorage Fire Service Area
<i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i>			1998

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Anchorage Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
Sub-Total(s)	B= 3,015 M= 1,180		
Category Total	4,195	225.2 288.8	
<i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i>			1998

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department	1998 PROJECT COST (000's)	Category	
Fire Department		Chugiak Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
REPLACEMENT TANKER PUMPER-CHUGIAK Provides funding for the programmed replacement of a tanker pumper for the Chugiak Volunteer Fire Department. The proposed tanker pumper would be all wheel drive with a 1,200 gallon tank and a 1,500 GPM pump.	S= 292		Birchwood Chugiak Eklutna Valley
Note: In 1997, a portion of the one-time revenue generated by SB 29 (i.e., \$30,730) was set aside to assist in future purchase of fire equipment/apparatus for the Chugiak Fire Service Area. These dollars may be used to leverage a State matching grant in the future.			
Sub-Total(s)	S= 292		
Category Total	292	0.0 0.0	
<i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i>			1998

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Girdwood Fire	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
REPLACEMENT LIGHT RESCUE/BRUSH TRUCK-GIRDWOOD Funds replacement of 1956 light rescue/brush truck which has exceeded its useful life.	S= 200		Girdwood Valley
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Sub-Total(s)	S= 200		
Category Total	200	0.0 0.0	
<i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i>			1998

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Emergency Medical Services	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>EMS COMMUNICATIONS UPGRADE 1998-Improve AFD radio communications; a) in Eagle River by adding a simulcast site to the existing communications system, and b) in the Anchorage Bowl area by adding two 800mhz repeaters. The upgrades will improve radio coverage in densely populated mountainous areas of Eagle River and the Anchorage Hillside. As a consequence of the upgrades, AFD radio coverage in the whole Anchorage Bowl will improve as well. Project cost totals \$600,000; 1/3 allocated for fire and 2/3 Emergency Medical Services. 2000-Purchase/install a) one repeater and one simulcast site in Eagle River, and b) two repeaters in the Anchorage Bowl area.</p> <p>MOBILE INTENSIVE CARE UNIT (MICU) Provides funding for the programmed replacement of mobile medic units used areawide to provide basic and advanced life support in the Municipality of Anchorage. (Continued on Next Page)</p>	<p>B= 400</p>	<p>0.0 45.8</p>	<p>Areawide</p>
	<p>B= 330</p>	<p>0.0 56.5</p>	<p>Areawide</p>
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p>1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Emergency Medical Services	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>MOBILE INTENSIVE CARE UNIT (MICU) (Continued)</p> <p>The following replacement schedule will ensure that a reliable fleet of MICUs are available for the needs of the Municipality.</p> <p>1998-Replace two MICUs in Anchorage. 1999-Replace one MICU in Anchorage 2000-Replace two MICU's, one in Chugiak and one in Girdwood. 2001-Replace three MICUs. Two will be located in Anchorage and one in Girdwood. 2002-Replace or refurbish three MICUs. Two Anchorage and one in Chugiak -Replace or refurbish three MICUs.</p> <p>EMERGENCY MEDICAL EQUIPMENT Replace worn, old technology and higher maintenance equipment used on Advanced Life Support (ALS) apparatus and Mobile Intensive Care Units.</p>	<p align="center">B= 180</p>	<p align="center">0.0 30.8</p>	<p align="center">Areawide</p>
<p><i>For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.</i></p>			<p align="center">1998</p>

**MUNICIPALITY OF ANCHORAGE
1998 CAPITAL IMPROVEMENT BUDGET**

Department Fire Department	1998 PROJECT COST (000's)	Category Emergency Medical Services	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State Grant	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
Sub-Total(s)	B= 910		
Category Total	910	0.0 133.1	
*****	*****	*****	*****
Department Total(s)	S= 492 B= 3,925 M= 1,180		
Grand Total of Fire Department	5,597	225.2 421.9	
For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			1998

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>REPLACEMENT WILD LAND FIREFIGHTING VEHICLES This purchase will replace 1979 and 1986 high maintenance Wild Land Firefighting vehicles. The ever increasing threat of a wild land fire in the Anchorage bowl and Eagle River area makes this aquisition a high priority.</p>	B= 180					
<p>REPLACEMENT PUMPERS Programmed replacement of pumpers which have exceeded their useful life. 1998-Rabbit Creek, Station #10 2000-Downtown Station #1 -Airport Heights Station #3 2002-Spenard Station #5 -Fire Training Center As these pumpers are replaced the older pumper would be moved to reserve status.</p>	B= 260		B= 156 M= 364		B= 416 M= 364	
<p>FIRE STATION #8 REQUIRED UPGRADES This project would provide: health and safety upgrades to individual dorm rooms for co-ed living; training room, air resources room officer dorm, fenced security area and a building sprinkler system. Design scheduled (Continued on Next Page)</p>	B= 240					
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank H-Matching State					
	1998	1999	2000	2001	2002	2003
<p>FIRE STATION #8 REQUIRED UPGRADES (Continued) for 1998 and construction in 1999.</p> <p>AFD COMMUNICATIONS UPGRADE 1998-Improve AFD radio communications; a) in Eagle River by adding a simulcast site to the existing communications system, and b) in the Anchorage Bowl area by adding two 800mhz repeaters.</p> <p>The upgrades will improve radio coverage in densely populated mountainous areas of Eagle River and the Anchorage Hillside. As a consequence of the upgrades, AFD radio coverage in the whole Anchorage Bowl will improve as well.</p> <p>2000-Purchase/install a) one repeater and one simulcast site in Eagle River, and b) two repeaters in the Anchorage Bowl area. Project cost totals \$600,000; 1/3 allocated for fire and 2/3 Emergency Medical Services.</p>	B= 200		B= 935			
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>ELECTRIC LIFTS This project would provide six portable electric lifts to replace existing underground hydraulic lifts used to raise fire apparatus off the ground for maintenance and repair. Hydraulic lifts are high maintenance and subject to leaking of the hydraulic fluid. In addition to their low maintenance, electric lifts are preferred because they can be moved easily and provide a positive locking mechanism, improving safety.</p>	B=	90				
<p>REMODEL AND EXPANSION OF STATION #10 This project will provide the required increase in space to accommodate the additional staffing mandated to provide an ALS Engine at Station #10. The facility needs additional space for everyday operational needs.</p>	B=	235				
<p>E.R. AERIAL APPARATUS-QUINT-EQUIPMENT PURCHASE Purchase aerial apparatus-quint to improve fire fighting capabilities in the Eagle River (Continued on Next Page)</p>	B=	465				
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department	Category					
Fire Department	Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal D-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>E.R. AERIAL APPARATUS-QUINT-EQUIPMENT PURCHASE (Continued) area. The funding for the Station #11 remodel was obtained in 1997. The design and construction will be done in 1998 and 1999. The apparatus will be ordered in 1998 with a delivery date in 1999 to coincide with the completion of the bay being constructed to house the apparatus. Additional staff to operate the apparatus, an engine company, will be necessary in 1999. Increases in the number of businesses in Eagle River have created the need for additional aerial apparatus.</p>						
<p>JEWEL LAKE/SAND LAKE FIRE STATION (#7) REPLACEMENT Station #7 was constructed in 1967 as a temporary structure, located at 3939 W. 84th Avenue. This project would provide funding to construct the new fire station. The site selection and design were funded in 1997. The replacement fire station to serve the Jewel (Continued on Next Page)</p>	B= 510 M= 1,180					
					1998 - 2003	

**MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM**

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>JEWEL LAKE/SAND LAKE FIRE STATION (#7) REPLACEMENT (Continued) Lake area. 1999-Fire station construction Bond funding requested would be used to provide a 30% local share of total project costs required to match a 70% state grant through the Municipal Capital Project Matching Grant Program.</p> <p>REWIRE STATION #12 AND DISPATCH This project will upgrade the wiring infrastructure for Station #12 and the Dispatch Center to allow for utilization of CAD/RMS and the Municipal E-Mail technology.</p> <p>FOAM APPLICATION TRUCK/EQUIPMENT This acquisition will provide a truck, trailer and high capacity foam guns for fuel tanker, aircraft crashes and other major flammable liquid incidents.</p>	<p>B= 160</p> <p>B= 115</p>					
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.D.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>CONFINED SPACE EQUIPMENT This equipment acquisition is needed to meet emergency operational needs on a day to day basis plus emergency preparedness for earthquake disasters.</p>	B= 85					
<p>COMMAND VEHICLES Provides funding to replace two command vehicles outfitted with additional equipment such as radios and light bars. The vehicles to be replaced are two Chevy Blazers, model years 1984 and 1985.</p>	B= 60					
<p>FIRE APPARATUS WARM STORAGE FACILITY This project requests design and construction funding in 1998. The design would be complete in 1999 and construction of the warm storage facility would begin in 2000. The facility is required to provide warm storage for reserve apparatus that may be needed at a moments notice.</p>	B= 415					
<p>DOWNTOWN FIRE STATION (#1) UPGRADE This project will provide the funding to (Continued on Next Page)</p>		S= 3,000				
					1998 - 2003	

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>DOWNTOWN FIRE STATION (#1) UPGRADE (Continued) construct the Downtown Fire Station (#1). The site selection and design were funded in 1997 with general obligation bonds. The site selection, planning, engineering and design work will be completed in 1997 and 1998. A revised cost estimate will be made after design documents are finalized.</p> <p>INTERACTIVE MULTI-MEDIA CD ROM This project will improve overall response times because out of area time will be reduced. The twelve units of this Interactive Multi-media CD-ROM system would be used at each fire station and the Fire Training Center for regulatory and in service training</p> <p>REPLACEMENT TANKER Request would fund purchase of replacement tanker firefighting vehicles. Apparatus would include a 4WD chassis equipped with a large capacity water tank and a 500 gallon-per-minute pump. (Continued on Next Page)</p>		S= 60				
			B= 78 M= 182	S= 255		
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>REPLACEMENT TANKER (Continued) 2000- Replaces 1977 unit serving South Fork Eagle River Area 2001- Replaces 1983 unit serving Hillside area</p> <p>AERIAL APPARATUS - QUINT Due to continued commercial growth in the south Anchorage, an additional aerial apparatus will be needed in the area.</p> <p>RESCUE APPARATUS This equipment acquisition would replace a 1982 Light Rescue vehicle which has exceeded its useful life. The replacement vehicle will be a medium rescue unit.</p> <p>HAZARDOUS RESPONSE APPARATUS This acquisition would provide for the replacement of the 1981 model HAZMAT apparatus which which was originally created from a refurbished Rescue apparatus. This apparatus will be twenty years old if (Continued on Next Page)</p>			<p>B= 230 M= 235</p> <p>B= 230</p> <p>B= 345</p>			
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>HAZARDOUS RESPONSE APPARATUS (Continued) replaced as scheduled.</p> <p>CRASH FIRE RESCUE (CFR) VEHICLE Provides funding to purchase a replacement crash rescue firefighting vehicle for primary response capability to emergency incidents Merrill Field Airport and the Port of Anchorage. This acquisition replaces a 1983 Emergency One CFR unit.</p> <p>TRAINING CENTER REMODEL Provides for remodeling of the current Fire Training Center facility. Current offices will be changed to classrooms and new offices will be constructed upstairs. The bathrooms will be upgraded and the entire facility will have a fire suppression sprinkler system installed.</p> <p>INCIDENT COMMAND SIMULATOR This request would fund purchase of a simulator which could enhance training for (Continued on Next Page)</p>			<p>B= 200 M= 465</p> <p>B= 320</p>	<p>S= 250</p>		
				1998 - 2003		

**MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM**

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>INCIDENT COMMAND SIMULATOR (Continued) new command officers by simulating realistic emergency situations. It could also be used for Municipal wide emergency training.</p> <p>AERIAL APPARATUS - TOWER This equipment acquisition would provide a first line aerial for the Fire Training Center. This apparatus would allow training on an apparatus that is the same as the firefighters are using on the line. It would also serve as a reserve unit.</p> <p>DRILL TOWER BURN PROP This project would provide the funding to remodel the current burn tower at the Fire Training Center. This would allow live fire training exercises to meet safety and enviromental considerations. This training facility is also used by the State of Alaska.</p> <p>PREVENTION STAFF VEHICLES Provides funding for the scheduled replace- (Continued on Next Page)</p>					B= 830 B= 77 M= 178 B= 33 M= 77	
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Anchorage Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank H-Matching State					
	1998	1999	2000	2001	2002	2003
<p>PREVENTION STAFF VEHICLES (Continued) ment of vehicles used by Prevention staff. The seven staff cars purchased in 1995 would be replaced. They would be seven years old.</p> <hr style="border-top: 1px dashed black;"/>						
Sub-Total(s)	B= 3,015 M= 1,180	S= 3,060	B= 2,494 M= 1,246	S= 505	B= 1,356 M= 619	
Category Total	4,195	3,060	3,740	505	1,975	0
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Chugiak Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>REPLACEMENT TANKER PUMPER-CHUGIAK Provides funding for the programmed replacement of a tanker pumper for the Chugiak Volunteer Fire Department. The proposed tanker pumper would be all wheel drive with a 1,200 gallon tank and a 1,500 GPM pump.</p> <p>REPLACEMENT TANKER-CHUGIAK This project provides for the programmed replacement of a tanker for the Chugiak Volunteer Fire Department. The proposed tanker would have a 2,000 gallon tank with a 750 GPM pump.</p> <p>REPLACEMENT RESCUE UNIT-CHUGIAK Provides for the programmed replacement of a 1985 International 4X4 rescue unit.</p> <p>Note: In 1997, a portion of the one-time revenue generated by SB 29 (i.e., \$30,730) was set aside to assist in future purchase of fire equipment/apparatus for the Chugiak Fire Service Area. These dollars may be used to leverage a State matching grant in the future.</p>	<p>S= 292</p>	<p>S= 250</p>			<p>S= 190</p>	
				1998 - 2003		

**MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM**

Department Fire Department	Category Chugiak Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
Sub-Total(s)	S= 292	S= 250			S= 190	
Category Total	292	250	0	0	190	0
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Girdwood Fire					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal G-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
REPLACEMENT LIGHT RESCUE/BRUSH TRUCK-GIRDWOOD Funds replacement of 1956 light rescue/brush truck which has exceeded its useful life. ----- Sub-Total(s) Category Total	S= 200 S= 200 200	 0	 0	 0	 0	 0
			1998 - 2003			

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Emergency Medical Services					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>EMS COMMUNICATIONS UPGRADE 1998-Improve AFD radio communications; a) in Eagle River by adding a simulcast site to the existing communications system, and b) in the Anchorage Bowl area by adding two 800mhz repeaters. The upgrades will improve radio coverage in densely populated mountainous areas of Eagle River and the Anchorage Hillside. As a consequence of the upgrades, AFD radio coverage in the whole Anchorage Bowl will improve as well. Project cost totals \$600,000; 1/3 allocated for fire and 2/3 Emergency Medical Services. 2000-Purchase/install a) one repeater and one simulcast site in Eagle River, and b) two repeaters in the Anchorage Bowl area.</p> <p>MOBILE INTENSIVE CARE UNIT (MICU) Provides funding for the programmed replacement of mobile medic units used areawide to provide basic and advanced life support in the Municipality of Anchorage. (Continued on Next Page)</p>	<p>B= 400</p>		<p>B= 625</p>			
	<p>B= 330</p>	<p>S= 160</p>	<p>B= 330</p>	<p>S= 480</p>	<p>B= 290 M= 670</p>	
				1998 - 2003		

**MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM**

Department Fire Department	Category Emergency Medical Services					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>MOBILE INTENSIVE CARE UNIT (MICU) (Continued) The following replacement schedule will ensure that a reliable fleet of MICUs are available for the needs of the Municipality.</p> <p>1998-Replace two MICUs in Anchorage. 1999-Replace one MICU in Anchorage 2000-Replace two MICU's, one in Chugiak and one in Girdwood. 2001-Replace three MICUs. Two will be located in Anchorage and one in Girdwood. 2002-Replace or refurbish three MICUs. Two Anchorage and one in Chugiak -Replace or refurbish three MICUs.</p> <p>EMERGENCY MEDICAL EQUIPMENT Replace worn, old technology and higher maintenance equipment used on Advanced Life Support (ALS) apparatus and Mobile Intensive Care Units.</p> <p>EMS DATA COLLECTION SYSTEM This project will provide funding to obtain an automated system to collect patient data (Continued on Next Page)</p>	B= 180	S= 150				
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department Fire Department	Category Emergency Medical Services					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
<p>EMS DATA COLLECTION SYSTEM (Continued) for operational needs and medicare/medicaid billings. It is anticipated that the information provided by this system will increase the revenue from medicare and medicaid.</p>						
				1998 - 2003		

MUNICIPALITY OF ANCHORAGE
1998 - 2003 CAPITAL IMPROVEMENT PROGRAM

Department	Category					
Fire Department	Emergency Medical Services					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank M-Matching State					
	1998	1999	2000	2001	2002	2003
Sub-Total(s)	B= 910	S= 310	B= 955	S= 480	B= 290 M= 670	
Category Total	910	310	955	480	960	0
*****	*****	*****	*****	*****	*****	*****
Department Total(s)	S= 492 B= 3,925 M= 1,180	S= 3,620	B= 3,449 M= 1,246	S= 985	S= 190 B= 1,646 M= 1,289	
Grand Total of Fire Department	5,597	3,620	4,695	985	3,125	0
				1998 - 2003		