POLICE

ANCHORAGE POLICE DEPARTMENT

Department Goal

The goal of the Anchorage Police Department for the 1998-2003 Capital Improvement Budget/Program is to provide adequate equipment, facilities and communications systems for efficient and cost effective public safety operations.

Program Statement

The 1998-2003 Capital Improvement Budget/Program supports the department goal through proposed capital projects, such as:

- Police In-Car Computer System
- Crime Analysis/Geographical Call Distribution Software
- Mobile Bomb Robot
- Crime Lab Equipment
- Automatic Vehicle Location (AVL) system
- Police Facilities Upgrade
- Design and Construction of a Police vehicle garage
- Radio Communication System

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

26-Aug-97

Police Department

YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	MATCHING GRANTS	STATE GRANTS	OTHER SOURCES	TOTAL REQUEST
CATEGORY: Police Department							
1998	POLICE IN-CAR COMPUTER SYSTEM	1	1,500	0	0	0	1,500
1998	CRIME ANALYSIS/GEOGRAPHICAL CALL DISTRIBUTION	2	40	0	0	0	40
1998	APD CONSTRUCTION PROJECTS	3	1,150	0	0	0	1,150
1998	APD CRIME LAB PRINTER/PROCESSOR	4	125	0	0	0	125
1998	APD RADIO COMMUNICATIONS UPGRADE	5	90	0	0	0	90
1998	MOBILE BOMB ROBOT	6	0	0	161	0	161
	TOTAL: Police Department		2,905	0	161	0	3,066
TOTAL FOR 1998			2,905	0	161	0	3,066
CATEGORY: Police Department							
1999	APD AUTOMATIC VEHICLE LOCATE (AVL) SYSTEM	1	300	700	0	0	1,000
	TOTAL: Police Department		300	700	0	0	1,000
TOTAL FOR 1999			300	700	0	0	1,000
CATEGORY: Police Department							
2001	APD GARAGE	1	500	500	0	0	1,000
	TOTAL: Police Department		500	500	0	0	1,000
TOTAL FOR 2001			500	500	0	0	1,000
CATEGORY: Police Department							
2002	RADIO COMMUNICATION SYSTEM	1	1,500	0	0	0	1,500
	TOTAL: Police Department		1,500	0	0	0	1,500
TOTAL FOR 2002			1,500	0	0	0	1,500
CATEGORY: Police Department							
2003	RADIO COMMUNICATION SYSTEM	1	2,000	0	0	0	2,000
	TOTAL: Police Department		2,000	0	0	0	2,000
TOTAL FOR 2003			2,000	0	0	0	2,000
TOTAL FOR ALL YEARS	*Police Department*		7,205	1,200	161	0	8,566

Department Police Department	1998 PROJECT COST (000's)	Category Police Department	
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) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desirable
POLICE IN-CAR COMPUTER SYSTEM This project would provide patrol units with in-vehicle smart computers connected to APD's central Computer Aided Dispatch (CAD) system. Mobile Data Terminals (MDT) allow an officer to perform many functions through the computer that must now be accomplished through voice communications over crowded radio frequencies, including officer dispatch. New capabilities would allow the officer to access local, state, and national criminal information computer systems, allow on-line supervisory review and management of patrol activity, call load and work performance, support electronic generation of traffic citations, accident reports and automatic field reporting, and support future acquisition of Automatic Vehicle Location hardware/software. Funding would be used to purchase permanently installed docking stations, MDT's and software/hardware necessary to support connection to existing APD computer system. Besides providing for cost-effective use of (Continued on Next Page)	B= 1,500	45.2 257.0	Anc Metro Police Service Area
For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			**1998**

Department Police Department	1998 PROJECT COST (000's)	Category Police Department	
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) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
POLICE IN-CAR COMPUTER SYSTEM (Continued) computers, portability means computers can be removed and protected from harsh winter temperatures when vehicles are not in use. Requested funds to be combined with $462,000 of previously appropriated monies. CRIME ANALYSIS/GEOGRAPHICAL CALL DISTRIBUTION The Crime Analysis Mapping software module will provide the department with the capability to demographically display crime. The information can then be used to help the department provide better allocation of our patrol resources. This product will also lend itself to community based policing. The Geographical Call Distribution Software will provide consistent support, by area of town, to citizens who call 911 for assistance. Employees will be assigned to areas of the community and will then aide the citizen on all calls dealing with the same concern.	B= 40	0.7 6.9	Anc Metro Police Service Area
For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			1998

Department Police 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 Police Department	
PROJECT TITLE AND DESCRIPTION		**O&M COST** (000's) **DEBT SERVICE** (000's)	**COMMUNITY COUNCIL - PRIORITY** 1-Essential 2-Necessary 3-Desireable

APD CONSTRUCTION PROJECTS
These funds will provide adequate facilities for a fully staffed police department.
  1. Development of Hillside Substation - this to be accomplished by funding an addition to the Hillside Fire Station - $100k
  2. Parking lot expansion for APD headquarters building - space requirement for increased officers and support personnel $150k
  3. Remodel of APD headquarters facilities:
    a. new security system - $65k
    b. expanded/remodel of the locker rooms and gym facilities - $200k
    c. main lobby remodel - more efficient utilization for increased staffing $250k
    d. Category 5 computer/telephone cabling -$150k
    e. building expansion - fill in notched areas/north side of building - $150k
    f. Planning and designing cost for remodel - $85k
	B= 1,150	25.0
		96.3
			Anc Metro Police Service Area

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			**1998**

II

Department Police Department	1998 PROJECT COST (000's)	Category Police Department	
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) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
APD CRIME LAB PRINTER/PROCESSOR The current photographic printer/processor has exceeeded its life expectancy of 7 years. At present, major repairs are supported by out-of-state technicians and no longer cost effective. More frequent repairs are occur- ing yearly and have reduced the productivity of the photolab. With the current printer, the photo lab is limited to 4x6 and 6x8 inch prints. The new printer will allow APD to produce 2x3 through 8x12 inch prints. Currently, the lab send to local vendors all printing requests that exceed 6x8 inches. The new printer will pro- vide the resource to produce 8x12 inch en- largements in 10 minutes instead of 2-day turn around time by local vendors. The new printer is capable of index printing (contact sheet) which would automate a process that is now manually performed in the darkroom. It has a larger per hour print capacity (640 4x6 per hour vs. 1100 4x6 per hour) and printing options that will enhance the over- all output and quality of prints being (Continued on Next Page)	B= 125	0.0 21.4	Anc Metro Police Service Area
For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			1998

Department Police Department	1998 PROJECT COST (000's)	Category Police Department	
	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
PROJECT TITLE AND DESCRIPTION		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable

APD CRIME LAB PRINTER/PROCESSOR
    (Continued)
processed.
The APD photo lab processed 89,000 4x6 prints
in 1996 and expects to exceed this figure in
1997. The new processor will enable the
photolab to expand services and meet the
demands not only of APD, but the District
and Municipal Prosecutor's Office and other
supported outside agencies in a more timely
and cost effective manner.
 	
APD RADIO COMMUNICATIONS UPGRADE
Upgrade communications coverage in Eagle
River, Eagle River Valley, Eklutna, Hillside
and Anchorage Bowl by;
  1) adding one repeater at Eklutna Water
     Treatment Facility,
  2) adding remote coverage enhancers to two
     sites in the Eagle River area and six
     sites in the Rabbit Creek area, and
  3) making modifications to the Knik Tower
     site.
	B= 90	9.1
		
		7.5
			Anc Metro Police Service Area

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 CAPITAL IMPROVEMENT BUDGET

Department Police Department	1998 PROJECT COST (000's)	Category Police Department	
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) **DEBT SERVICE** (000's)	**COMMUNITY COUNCIL - PRIORITY** 1-Essential 2-Necessary 3-Desireable
MOBILE BOMB ROBOT This request funds a new modern bomb disposal robot. The current robot was purchased in 1981 and has mechanical problems and limited capability. It has a fixed focus camera that does not provide an adequate view of he potential bomb area, cannot climb stairs, negotiate inclines, and has only one primitive gripping hand. The new mobile robot would be radio controlled or aperated by fiber optic cable, and would include multiple TV lenses with lighting, x-ray, zoom, night and laser vision, an all weather speaker microphone system and shotgun mount, advanced multiple robotics arms and hands, and all terrain 4-wheel drive multi-track mobility that can climb stairs.	S= 161		Anc Metro Police Service Area
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 CAPITAL IMPROVEMENT BUDGET

Department Police Department PROJECT TITLE AND DESCRIPTION	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 Police Department	
		O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
Sub-Total(s)	S= 161 B= 2,905		
Category Total	3,066	80.0 389.1	
**	*********	********	**************************************
Department Total(s)	S= 161 B= 2,905		
Grand Total of Police Department	3,066	80.0 389.1	
For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.			1998

II

Department	Category
Police Department	Police Department

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
POLICE IN-CAR COMPUTER SYSTEM This project would provide patrol units with in-vehicle smart computers connected to APD's central Computer Aided Dispatch (CAD) system. Mobile Data Terminals (MDT) allow an officer to perform many functions through the computer that must now be accomplished through voice communications over crowded radio frequencies, including officer dispatch. New capabilities would allow the officer to access local, state, and national criminal information computer systems, allow on-line supervisory review and management of patrol activity, call load and work performance, support electronic generation of traffic citations, accident reports and automatic field reporting, and support future acquisition of Automatic Vehicle Location hardware/software. Funding would be used to purchase permanently installed docking stations, MDT's and software/hardware necessary to support connection to existing APD computer system. Besides providing for cost-effective use of (Continued on Next Page)	B= 1,500					
					1998 - 2003	

Department Police Department	Category Police Department					
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
POLICE IN-CAR COMPUTER SYSTEM (Continued) computers, portability means computers can be removed and protected from harsh winter temperatures when vehicles are not in use. Requested funds to be combined with $462,000 of previously appropriated monies. CRIME ANALYSIS/GEOGRAPHICAL CALL DISTRIBUTION The Crime Analysis Mapping software module will provide the department with the capability to demographically display crime. The information can then be used to help the department provide better allocation of our patrol resources. This product will also lend itself to community based policing. The Geographical Call Distribution Software will provide consistent support, by area of town, to citizens who call 911 for assistance. Employees will be assigned to areas of the community and will then aide the citizen on all calls dealing with the same concern.	B= 40					
					1998 - 2003	

Department Police Department	Category Police Department					
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

APD CONSTRUCTION PROJECTS
These funds will provide adequate facilities for a fully staffed police department.
  1. Development of Hillside Substation - this to be accomplished by funding an addition to the Hillside Fire Station - $100k
  2. Parking lot expansion for APD headquarters building - space requirement for increased officers and support personnel $150k
  3. Remodel of APD headquarters facilities:
    a. new security system - $65k
    b. expanded/remodel of the locker rooms and gym facilities - $200k
    c. main lobby remodel - more efficient utilization for increased staffing $250k
    d. Category 5 computer/telephone cabling -$150k
    e. building expansion - fill in notched areas/north side of building - $150k
    f. Planning and designing cost for remodel - $85k
	B= 1,150					

					1998 - 2003	

Department	Category					
Police Department	Police Department					

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
APD CRIME LAB PRINTER/PROCESSOR The current photographic printer/processor has exceeeded its life expectancy of 7 years. At present, major repairs are supported by out-of-state technicians and no longer cost effective. More frequent repairs are occuring yearly and have reduced the productivity of the photolab. With the current printer, the photo lab is limited to 4x6 and 6x8 inch prints. The new printer will allow APD to produce 2x3 through 8x12 inch prints. Currently, the lab send to local vendors all printing requests that exceed 6x8 inches. The new printer will provide the resource to produce 8x12 inch enlargements in 10 minutes instead of 2-day turn around time by local vendors. The new printer is capable of index printing (contact sheet) which would automate a process that is now manually performed in the darkroom. It has a larger per hour print capacity (640 4x6 per hour vs. 1100 4x6 per hour) and printing options that will enhance the overall output and quality of prints being (Continued on Next Page)	B= 125					
					1998 - 2003	

Department Police Department	Category Police Department					
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

APD CRIME LAB PRINTER/PROCESSOR
      (Continued)
processed.
The APD photo lab processed 89,000 4x6 prints in 1996 and expects to exceed this figure in 1997. The new processor will enable the photolab to expand services and meet the demands not only of APD, but the District and Municipal Prosecutor's Office and other supported outside agencies in a more timely and cost effective manner.
 	
APD RADIO COMMUNICATIONS UPGRADE
Upgrade communications coverage in Eagle River, Eagle River Valley, Eklutna, Hillside and Anchorage Bowl by;
  1) adding one repeater at Eklutna Water
     Treatment Facility,
  2) adding remote coverage enhancers to two
     sites in the Eagle River area and six
     sites in the Rabbit Creek area, and
  3) making modifications to the Knik Tower
     site.
	B= 90					

					1998 - 2003	

Department	Category
Police Department	Police Department

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
MOBILE BOMB ROBOT This request funds a new modern bomb disposal robot. The current robot was purchased in 1981 and has mechanical problems and limited capability. It has a fixed focus camera that does not provide an adequate view of he potential bomb area, cannot climb stairs, negotiate inclines, and has only one primitive gripping hand. The new mobile robot would be radio controlled or aperated by fiber optic cable, and would include multiple TV lenses with lighting, x-ray, zoom, night and laser vision, an all weather speaker microphone system and shotgun mount, advanced multiple robotics arms and hands, and all terrain 4-wheel drive multi-track mobility that can climb stairs. **APD AUTOMATIC VEHICLE LOCATE (AVL) SYSTEM** This project would integrate GPS (Global Positioning System) technology with the newly installed Computer Aided Dispatch System. The resulting system would allow dispatchers to view computerized maps not only for event (Continued on Next Page)	S= 161 	B= 300 M= 700				
					1998 - 2003	

Department	Category					
Police Department	Police Department					
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
APD AUTOMATIC VEHICLE LOCATE (AVL) SYSTEM (Continued) location but also for real-time movement and location of police vehicles. AVL allows the dispatcher to send the closest officer to the scene, improving emergency and non-emergency response time. APD GARAGE These funds would be used to build a two-story, 20,000 square feet per level. This structure will be utilized to secure and house vehicles and property marked as evidence. Additionally, the facility will provide storage for APD fleet vehicles, seasonal vehicles (ie., snow machines and associated trailers, motorcycles, bicycles), CIRT van, bomb unit, major crimes investigation van. Space permitting, the facility could also be used to store miscellaneous equipment, (ie., body armor, winter parkas, cross-country skis, bicycle uniforms).				B= 500 M= 500		
				1998 - 2003		

Department	Category
Police Department	Police Department

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
RADIO COMMUNICATION SYSTEM With passage of the Telecommunications Act of 1996, APD will have to make changes in the way dispatchers communicate with officers in the field via radio. These changes must be accomplished prior to 2005. The new regulations require that radios operate on narrowband frequencies with digital capabilities. These frequencies are more efficient and allow for secure communiciation. Digital format will also support migration of mobile computing and Automatic Vehicle Locator (AVL) systems to digital technology. Both mobile computing and AVL are phases of the Tiburon system. Digital voice migration requires a turn-key solution of portable, mobile and base-station radios. Migration from the existing to new system must be done at one time due to system incompatabilities. Phase I covers preliminary design, including final cost estimate, design and equipment purchases. Future phases cover balance of equipment purchase and installation. 2002-Phase I-Preliminary and final design (Continued on Next Page)					B= 1,500	B= 2,000
					1998 - 2003	

Department Police Department	Category Police Department					
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
RADIO COMMUNICATION SYSTEM (Continued) 2003-Phase II-Equipment purchases 2004-Phase III-Equipment purchase/install						
Sub-Total(s)	S= 161 B= 2,905	B= 300 M= 700		B= 500 M= 500	B= 1,500	B= 2,000
Category Total	3,066	1,000	0	1,000	1,500	2,000
**	*********	*********	*********	*********	*********	*********
Department Total(s)	S= 161 B= 2,905	B= 300 M= 700		B= 500 M= 500	B= 1,500	B= 2,000
Grand Total of Police Department	3,066	1,000	0	1,000	1,500	2,000
				1998 - 2003		