

POLICE

MUNICIPALITY OF ANCHORAGE
POLICE DEPARTMENT

Department Goal:

The goal of 1993-1998 CIP for the Anchorage Police Department is to 1) improve training and safety of officers and staff, and 2) improve police communications and information.

Geographic Based Crime Analysis:

This project will integrate the PLIMS system with the municipal geographic information systems, to provide more detailed crime analysis based on locations and neighborhoods.

Police Trunked Radio Conversion:

This project will convert the existing two-way APD VHF radio system to an 800 megahertz trunked emergency radio system. This will allow Police to communicate directly with the Fire Department and other trunked systems in times of emergency or catastrophe. Presently, no common radio frequency is in place among Police, Fire, selected municipal agencies and State agencies.

Emergency Major Crime Scene Vehicle:

This is a self contained bus or mobile home vehicle that will house mobile radio and telecommunications, mini-crime laboratory, and crime scene supplies and equipment for major crime scene teams engaged in immediate on-site forensic investigations. Crime scenes such as homicides may require two or three days of forensic analysis around the clock and need a support vehicle that can provide equipment and supplies, telephones, lab, food and drink, shower and toilet. New OSHA regulations require special precautions for officers and staff who are exposed to blood pathogens through the handling of evidence and victims.

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Explosive Device Robot:

The proposed robot has 2 cameras: one mounted on the top that provides high resolution focus on the target, and one mounted at the base for driving visibility. The monitor is in color which is needed to distinguish the color of detonation wires. Other needed features include: a) variable pressure robotic hand that can be used for delicate operations, b) four large tires capable of working over snow surfaces, rough terrain and curbs, c) remote radio controlled and cable controlled robotic arms for removal of explosives, and d) greater lifting capability for larger explosive devices. The current robot is over 10 years old, too light, less maneuverable and not capable of handling heavier weights. The robot has only one mounted camera which makes both driving and small focus difficult.

Bomb Trailer with Mobile Explosive Containment Vessel:

Heavy duty trailer designed to carry a bomb containment vessel on a motorized pallet with the capability of withstanding explosions without disintegrating. The bomb containment vessel would be designed to contain all fragments and gases in the event of an explosion during transport. A remote controlled motorized pallet would transport the containment vessel and the robot together into the targeted location. The robot would load the explosive device into the containment vessel for removal, rather than requiring an officer to carry the device in hand outside to the trailer to load. The APD Explosive Disposal Team is the only non-military team in the State, and responds to bomb calls from law enforcement officials in the Matsu Valley, Kenai Peninsula and the Hillside. The present trailer and containment vessel is hand-fabricated, over ten years old and constructed to transport only low charge explosives to a safe site for disposal.

Automated Inventory and Identification System:

This project will automate the tracking of evidence and other police inventories within the Police Department. Presently, there are over 1,000,000 pieces of evidence in custody. The system would provide machine readable codes to automate the identification and control of items.

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Distributed Data Entry/Data Access System:

This project would provide mobile computer terminals installed in police vehicles. The equipment would permit direct access by officers to Police computer information to enter field information immediately and or to inquire without resorting radio transmissions.

Electronic Interface with Federal, State and APD Automated Information System:

This system would provide one-time entry and retrieval of police information common to Federal, State and APD agencies. Currently, the exact same data entered into APD's information system must again be entered into the State system and then again into the Federal system. This would substantially reduce the data entry workload.

Expanded Police Records Management:

This project would integrate computerized imaging of records, police documents and text, to reduce labor intensive manual management of paper files and to reduce labor requirements.

CAPITAL IMPROVEMENT PROGRAM
 PRIORITY LIST FOR Police Department
 DOLLARS IN (000S)

YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	STATE GRANTS	OTHER SOURCES	TOTAL REQUEST
CATEGORY: Police Department						
1993	POLICE TRUNKED RADIO CONVERSION	1		2,000		2,000
1993	GEOGRAPHIC-BASED CRIME ANALYSIS SYSTEM	2		534		534
1993	MAJOR CRIME SCENE RESPONSE VEHICLE	3		125		125
1993	EXPLOSIVE DEVICE ROBOT AND CONTAINMENT VESSEL	4		150		150
CATEGORY TOTAL				2,809		2,809
DEPARTMENT TOTAL FOR 1993				2,809		2,809
TOTAL FOR 1993				2,809		2,809
1995	AUTOMATED INVENTORY AND IDENTIFICATION SYSTEM	1		275		275
1995	DISTRIBUTED DATA ENTRY/DATA ACCESS SYSTEM	2		2,071		2,071
CATEGORY TOTAL				2,346		2,346
DEPARTMENT TOTAL FOR 1995				2,346		2,346
TOTAL FOR 1995				2,346		2,346
1996	ELECTRONIC INTERFACE WITH FEDERAL, STATE AND	1		158		158
1996	EXPANDED POLICE RECORDS MANAGEMENT	2		2,060		2,060
CATEGORY TOTAL				2,218		2,218
DEPARTMENT TOTAL FOR 1996				2,218		2,218
TOTAL FOR 1996				2,218		2,218
REPORT TOTAL FOR ALL YEARS				7,373		7,373

**MUNICIPALITY OF ANCHORAGE
1993 CAPITAL IMPROVEMENT BUDGET**

Department Police Department	1993 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	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>GEOGRAPHIC-BASED CRIME ANALYSIS SYSTEM This project will integrate the Police Information Management System with municipal geographic information systems, and provide complex crime analysis functions. This new capability will result in computer searches previously accomplished by hand, reduced criminal investigation time, and improved crime prevention strategies for neighborhoods.</p>	S= 534	10.0 0.0	"Areawide"
			1993

**MUNICIPALITY OF ANCHORAGE
1993 CAPITAL IMPROVEMENT BUDGET**

Department Police Department	1993 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	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
<p>POLICE TRUNKED RADIO CONVERSION Presently, no common radio frequency exists among Police and Fire, and other municipal departments as well as State agencies. The trunked radio system will allow the Police Department to communicate directly with the Fire Department and other trunked systems in times of emergency, especially catastrophic events. The project will convert the existing two-way APD VHF radio system to an 800 mega hertz trunked emergency radio sysem in the APD Service Area. This upgrade is consistent with the municipality's 10 year communication plan.</p>	<p>S= 2,000</p>		<p>"Areawide"</p>
			1993

**MUNICIPALITY OF ANCHORAGE
1993 CAPITAL IMPROVEMENT BUDGET**

Department	1993 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	O&M COST (000's)	Police Department
PROJECT TITLE AND DESCRIPTION		DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY
			1-Essential 2-Necessary 3-Desireable
MAJOR CRIME SCENE RESPONSE VEHICLE Self contained vehicle with a bathroom facility, crime data analysis computers, a mini crime laboratory for processing on-site crime scene evidence, insulated evidence storage containers, and other technical equipment which will allow the Homicide Response Team and other detective units that respond to major events in the field to stay on the crime scene for an indefinite amount of time.	S= 125	3.6 0.0	"Areawide"
			1993

**MUNICIPALITY OF ANCHORAGE
1993 CAPITAL IMPROVEMENT BUDGET**

Department Police Department	1993 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	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
		DEBT SERVICE (000's)	
<p>EXPLOSIVE DEVICE ROBOT AND CONTAINMENT VESSEL WITH BOMB TRAILER The bomb containment vessel would be designed to contain all fragments and gases in the event of an explosion during transport. The proposed unit would include a heavy duty trailer designed for the containment vessel. Also, the unit would provide a remote controlled motorized pallet that would mobilize the containment vessel. This would permit sending the containment vessel and a robot together into the targeted location. The robot would load the explosive device into the containment vessel for removal, rather than requiring an officer to carry the device in hand outside to the trailer to load. The proposed robot has 2 cameras, one mounted on the top that provides high resolution focus on the target, and one mounted at the base for driving visibility. The monitor is in color which is needed to distinguish the color of detonation wires. Another needed feature is the variable pressure robotic hand that can be used for delicate operations.</p>	<p>S= 150</p>	<p>0.2 0.0</p>	<p>"Areawide"</p>
			1993

**MUNICIPALITY OF ANCHORAGE
1993 CAPITAL IMPROVEMENT BUDGET**

Department Police Department	1993 PROJECT COST (000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	Category Police Department	
PROJECT TITLE AND DESCRIPTION		O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
Sub-Total(s)	S= 2,809		
Category Total	2,809	13.8 0.0	
*****	*****	*****	*****
Sub-Total(s)	S= 2,809		
Total for Police Department	2,809	13.8 0.0	
			1993

MUNICIPALITY OF ANCHORAGE
1993 - 1998 CAPITAL IMPROVEMENT PROGRAM

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					
	1993	1994	1995	1996	1997	1998
<p>MAJOR CRIME SCENE RESPONSE VEHICLE Self contained vehicle with a bathroom facility, crime data analysis computers, a mini crime laboratory for processing on-site crime scene evidence, insulated evidence storage containers, and other technical equipment which will allow the Homicide Response Team and other detective units that respond to major events in the field to stay on the crime scene for an indefinite amount of time.</p>	S= 125					
				1993 - 1998		

MUNICIPALITY OF ANCHORAGE
1993 - 1998 CAPITAL IMPROVEMENT PROGRAM

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					
	1993	1994	1995	1996	1997	1998
<p>EXPLOSIVE DEVICE ROBOT AND CONTAINMENT VESSEL WITH BOMB TRAILER</p> <p>The bomb containment vessel would be designed to contain all fragments and gases in the event of an explosion during transport. The proposed unit would include a heavy duty trailer designed for the containment vessel. Also, the unit would provide a remote controlled motorized pallet that would mobilize the containment vessel. This would permit sending the containment vessel and a robot together into the targeted location. The robot would load the explosive device into the containment vessel for removal, rather than requiring an officer to carry the device in hand outside to the trailer to load. The proposed robot has 2 cameras, one mounted on the top that provides high resolution focus on the target, and one mounted at the base for driving visibility. The monitor is in color which is needed to distinguish the color of detonation wires. Another needed feature is the variable pressure robotic hand that can be used for delicate operations.</p>	S= 150					
				1993 - 1998		

MUNICIPALITY OF ANCHORAGE
1993 - 1998 CAPITAL IMPROVEMENT PROGRAM

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					
	1993	1994	1995	1996	1997	1998
<p>AUTOMATED INVENTORY AND IDENTIFICATION SYSTEM This project will fully automate the tracking of evidence and other inventories within the department. Presently, there are over one million pieces of evidence in storage that require careful recording. This system will provide machine readable codes to automate the identification and control of evidence and inventory items.</p> <p>DISTRIBUTED DATA ENTRY/DATA ACCESS SYSTEM This project will provide police officers with mobile computer terminals in their vehicles, permitting direct access to police computer information without resorting to radio transmissions. Officers will be able to enter field information directly to the computer resulting in immediate updates. Much information currently is not entered into PLIMS because of lack of data entry positions.</p>			<p>S= 275</p> <p>S= 2,071</p>			
				1993 - 1998		

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1993 - 1998 CAPITAL IMPROVEMENT PROGRAM

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					
	1993	1994	1995	1996	1997	1998
<p>ELECTRONIC INTERFACE WITH FEDERAL, STATE AND APD AUTOMATED INFORMATION SYSTEM Information currently entered into APD's automated information system must also be entered again for both the State and the Federal information systems. Requests from each of these systems also require multiple entry. This system would provide for one time entry and retrieval for all information systems.</p> <p>EXPANDED POLICE RECORDS MANAGEMENT At present, police records are comprised mainly of paper files, plus microfilm. This method is highly labor intensive and slow. The proposed project would integrate computerized imaging of records, facimile, word processing, automated indexing and storage. The result would be faster and completely accessible records through the use of the computer, and reduced labor requirements for manual record keeping.</p>				<p>S= 158</p> <p>S= 2,060</p>		
				1993 - 1998		

MUNICIPALITY OF ANCHORAGE
1993 - 1998 CAPITAL IMPROVEMENT PROGRAM

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					
	1993	1994	1995	1996	1997	1998
Sub-Total(s)	S= 2,809		S= 2,346	S= 2,218		
Category Total	2,809	0	2,346	2,218	0	0
*****	*****	*****	*****	*****	*****	*****
Sub-Total(s)	S= 2,809		S= 2,346	S= 2,218		
Total for Police Department	2,809	0	2,346	2,218	0	0
				1993 - 1998		