

ANCHORAGE POLICE DEPARTMENT

Department Goal

The goal of the Anchorage Police Department for the 2009-2014 Capital Improvement Budget/Program is to provide adequate equipment, facilities and communications systems for efficient and cost-effective public safety operations.

Program Statement

The 2009-2014 Capital Improvement Budget/Program supports the department goal through proposed facility and technology infrastructure improvements.

MUNICIPALITY OF ANCHORAGE
Capital Improvement Program
 PROJECT LIST BY DEPARTMENT

Anchorage Police Department

PROJECT TITLE	YEAR	G.O. BONDS	STATE	FEDERAL	OTHER	TOTAL
Police Department						
APD ERGONOMIC WORKPLACE REHABILITATION PROJECT	2009	0	250	0	0	250
	2014	0	250	0	0	250
Project CIP Total		0	500	0	0	500
APD HEADQUARTERS DISPATCH/COMPUTER ROOM AIR CONDITIONING	2009	0	500	0	0	500
Project CIP Total		0	500	0	0	500
APD HEADQUARTERS EXPANSION - PHASE II	2009	2,000	17,500	0	0	19,500
	2010	2,000	17,500	0	0	19,500
Project CIP Total		4,000	35,000	0	0	39,000
IN-CAR VIDEO/LICENSE PLATE RECOGNITION PROJECT	2013	5,000	0	0	0	5,000
Project CIP Total		5,000	0	0	0	5,000
MDT TECHNOLOGY REFRESH	2010	0	2,000	0	0	2,000
	2014	0	2,000	0	0	2,000
Project CIP Total		0	4,000	0	0	4,000
MOBILE DATA SYSTEM INFRASTRUCTURE REFRESH	2011	4,500	0	0	0	4,500
Project CIP Total		4,500	0	0	0	4,500
SOUTH CENTRAL LAW ENFORCEMENT TACTICAL RANGE	2009	2,000	2,000	0	0	4,000
	2010	0	13,000	0	0	13,000
Project CIP Total		2,000	15,000	0	0	17,000
Police Department CIP Total		15,500	55,000	0	0	70,500
Anchorage Police Department CIP Total		15,500	55,000	0	0	70,500

Police Department

APD ERGONOMIC WORKPLACE REHABILITATION PROJECT

Project ID: APD07002

Project Type: Rehabilitation

Start Date: July 2009

Location: Assembly: Areawide, House: District 50-Anchorage Areawide,
Community: Areawide

End Date: December 2010

Description:

Rehabilitate specific facilities wide APD workstations/work areas currently known to present ergonomic issues. Multiple and single user workstations will be retrofitted in a cost effective manner to reduce the known and future possibility of physical stress related ergonomic issues by means of height adjustable workstation units, ergonomic key board trays, monitor risers, document holders, office chairs, and other ergonomic stress relieving accessories. Ergonomic Engineers will be consulted to design workstation units to accomodate workflow in repetitive action areas such as transcription and records imaging processing sections.

Comments:

The department budgets \$10,000 for replacement ergonomic chairs in its annual operating funds which is used to purchase approximately 20 chairs each year. In 2006, Federal Asset Forfeiture funding in the amount of \$20,000 was utilized to begin the rehabilitation of the Records Unit due to its support of drug related cases. Annual operating funding has been diverted, as required, to rehabilitate individual workstations on a case by case basis initiated by a physicians evaluation.

Justification:

Due to the ever progressive computer environment present in the modern workplace, ergonomic stress related injuries are becoming much more common. The department is outfitted with furnishings that were designed for a "paper" office place and due to the unavailability of funding, have not been upgraded with computer integration. All police staff now spend tremendous amounts of daily worktime sitting behind a computer performing data entry, police report entry, transcription, and other technology enhanced tasks. Over the years, inexpensive modifications have been made to existing work stations in an attempt to alleviate some of these ergonomic issues, but to little avail. A major rehabilitation of the department's work station furnishings is necessary to be proactive in eliminating, or at least reducing the total number of stress related workplace injuries experienced annually.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
State Grant Revenue - Direct	250	0	0	0	0	250	500
Project Total:	250	0	0	0	0	250	500

O & M Costs

Police Department

APD HEADQUARTERS DISPATCH/COMPUTER ROOM AIR CONDITIONING

Project ID: APD07001

Project Type: Rehabilitation

Start Date: July 2009

Location: Assembly: Areawide, House: District 50-Anchorage Areawide,
Community: Areawide

End Date: June 2010

Description:

Replace air conditioning unit in the E-911 Dispatch area and replace original air conditioning unit in the main computer/server room directly adjacent to Dispatch.

Comments:

The main Computer Room air conditioning system was replaced in 2007 but lacks redundancy in case of failure or required extended maintenance. Due to the large number of primary systems operating in the space, the temperature rise experienced in the room during a cooling system failure is quite dramatic. The standard temperature is 68-70 degrees with critical temperature equipment alarms factory set between 85-88 degrees. In the case of cooling system failure, the room will reach critical temperature in under two hours and critical operating systems will begin to fail, including the E-911, radio dispatch, mobile data, and police record systems.

Justification:

Units are both over twenty years old, have both reached the point of control system parts obsolescence, and require higher levels of service/maintenance than is feasible to support. Both of these units to be replaced are closed loop systems providing cooling for only their specific enclosed areas. The Dispatch unit will be replaced in an effort to provide adequate cooling to the large number of computer systems maintained in that area in support of E-911 and Police Dispatch. The other unit will be replaced and reconfigured to provide redundant emergency cooling to either the Dispatch area or the main Computer Room in case of failure of either of the dedicated units.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
State Grant Revenue - Direct	500	0	0	0	0	0	500
Project Total:	500	0	0	0	0	0	500

O & M Costs

Police Department

APD HEADQUARTERS EXPANSION - PHASE II

Project ID: APD07008

Project Type: Improvement

Start Date: July 2009

Location: Assembly: Areawide, House: District 50-Anchorage Areawide,
Community: Areawide

End Date: December 2011

Description:

This project addresses the renovation of the police department Headquarters Building and construction of essential support facilities on the existing police campus. The project will begin with the construction of a 45,000 square foot building to contain a consolidated Property & Evidence Unit, Vehicle Impound Section, Latent Print Crime Laboratory, Evidence Vehicle Inspection Bays, Physical Fitness/Locker Room, and an Indoor Secure Evidence Vehicle Storage Area. The project will include construction of an Outdoor Secure Vehicle Storage lot (capacity 300 vehicles) and an adjacent free span building (20,000 square foot) to provide warm secure storage of mission essential emergency response vehicles. The final phase of this project will be the internal renovation of the existing police headquarters building to increase operational workspace, create a community friendly meeting area, and enable increased public accessibility.

Comments:

The department's headquarters building is located on approximately seventy acres of developable land dedicated for police usage. The development of the current campus will consolidate all police department operational assets with the exception of the Police Academy Training Center and Satellite Substations to a single centralized location. This consolidation will reduce APD's current manpower requirements expended in traveling between and conducting daily operations at multiple locations throughout the city to perform routine business. Similarly, the public will be better served and experience less delay when working with APD in the return of property and evidence. Additionally, the served community will experience more expedient and efficient first responder availability through the consolidation of emergency response equipment to a centralized location.

Justification:

The current police headquarters building was completed in 1986 to support 350 sworn officers with a ten (10) year growth cycle. Over the years, commensurate with population growth and increased crime, the department has grown in number and established additional specialty and technical units. Today, APD is staffed with 390 sworn officers and 170 support personnel. This personnel growth and the associated support activities exceed the capacity of the existing headquarters. The department leases various buildings (approximately 52,000 square foot) throughout the Anchorage Bowl area for additional case evidence storage, indoor secure storage of evidence vehicles, equipment warm storage, and office space. This planned campus expansion and renovation project will enable the Anchorage Police Department to provide the most cost effective and responsive law enforcement services to the served community.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
Bond Proceeds	2,000	2,000	0	0	0	0	4,000
State Grant Revenue - Direct	17,500	17,500	0	0	0	0	35,000
Project Total:	19,500	19,500	0	0	0	0	39,000

O & M Costs

Police Department

IN-CAR VIDEO/LICENSE PLATE RECOGNITION PROJECT

Project ID: APD08005

Project Type: New

Start Date: July 2013

Location: Assembly: Areawide, House: District 50-Anchorage Areawide,
Community: Areawide

End Date:

Description:

In-car digital video in all marked patrol units and specialty response vehicles. The in-car video system will allow for the evidentiary video recording of traffic and other responded incidents. The License Plate Recognition System, that integrates to the video system, will actively search passing license plates for stolen or reason to locate vehicles.

Comments:

Justification:

Will be implemented in concurrence with the License Plate Recognition software with a funding request of FY2014.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
Bond Proceeds	0	0	0	0	5,000	0	5,000
Project Total:	0	0	0	0	5,000	0	5,000

O & M Costs

Police Department

MDT TECHNOLOGY REFRESH

Project ID: APD10009

Project Type: Rehabilitation

Start Date: July 2010

Location: Assembly: Areawide, Community: Areawide

End Date:

Description:

Replace aged in-car laptops for marked patrol officers and expand MDT issue to Detective personnel, in an effort to keep pace with expanding technology requirements. The department deploys a total of 420 laptop computers with 40 units held as "hot spares" for replacement or periodic software enhancement rollouts.

Comments:

The original system laptops were replaced in 2006/2007 through the award of a Department of Justice, Community Oriented Policing (COPS) Office program grant.

Justification:

In an effort to maintain technological standards and keep pace with ongoing system software upgrades and enhancements, the average computer life has been established (industry wide) as no more than three (3) years. The department must maintain this technology refresh cycle for critical systems to ensure the safety to the officer and the delivery of police services to the community.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
State Grant Revenue - Direct	0	2,000	0	0	0	2,000	4,000
Project Total:	0	2,000	0	0	0	2,000	4,000

O & M Costs

Police Department

MOBILE DATA SYSTEM INFRASTRUCTURE REFRESH

Project ID: APD08004

Project Type: Rehabilitation

Start Date: July 2011

Location: Assembly: Areawide, House: District 50-Anchorage Areawide,
Community: Areawide

End Date:

Description:

Replace aged data radio system with current technology to enhance data transmission rates over the mobile data system as the department migrates to digital photography, audio, license plate recognition and in-car video systems. Typical replacement age of any radio transmission system such as this is 8-10 years; the current system will be 10-11 years old at the time of replacement.

Comments:

The Anchorage Police Department Dispatch Center utilizes this system to broadcast information to the officers in the field, greatly reducing the amount of radio dispatch frequency. Officers are now able to create police reports in the field and upon electronic supervisor approval, up-load these reports directly to the departments Records Management System decreasing administrative support requirements and increasing availability of officers for shift duty. As the department migrates to advanced technology systems designed to increase officer availability and productivity, the need to efficiently transfer this increased volume of electronic information will be paramount to the success of these projects.

Justification:

The current system utilizing year 2000 technology was deployed in 2002 concurrent with the departments mobile data station (laptop) system. This system utilizes radio frequency transmissions to transmit data to and from the patrol units operating in the field and the main headquarters station. The infrastructure architecture is nearing obsolescence and is virtually unsupported by the factory today. The system will be replaced with a Voice over IP operating system that will allow for the efficient transfer of large data packets related to the departments conversion to evidence grade digital photography, audio, in-car video units and license plate recognition software systems.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
Bond Proceeds	0	0	4,500	0	0	0	4,500
Project Total:	0	0	4,500	0	0	0	4,500

O & M Costs

Police Department

SOUTH CENTRAL LAW ENFORCEMENT TACTICAL RANGE

Project ID: APD08003

Project Type: New

Start Date: July 2009

Location: Assembly: Areawide, Community: Areawide

End Date:

Description:

The South Central Law Enforcement Tactical Range, a Campus of the Arctic Public Safety Training Institute (PSTI), will be a dedicated outdoor shooting facility with four individual ranges of different sizes to accommodate various types of firearms and simultaneous training of multiple agencies. The facility will enable area law enforcement personnel to maintain firearms proficiency in a safe setting, and to engage in realistic tactical training in a more appropriate venue.

Since October of 2004, a coalition of agencies has been working cooperatively on the project. The coalition has been successful in its public facility site selection process that began in 2007. The site unanimously approved by the Zoning and Planning Commission is adjacent to the Birchwood Public Shooting Range.

The Anchorage Police Department, with support of the entire South Central Alaska Law Enforcement community is requesting FY2009 funding to design the range and FY2010 funding to begin the construction process.

Comments:

The South Central Law Enforcement Tactical Range will enable adequate long gun and tactical training for area law enforcement personnel. This will make area law enforcement agencies more effective in protecting the public. Such training is especially important in today's public safety threat environment. As an international crossroads and hub for Alaska, South Central Law Enforcement must be trained to respond to a broad spectrum of public safety threats. The South Central Law Enforcement Tactical Range is a key component to providing this critical training.

Justification:

There is currently no outdoor firing range for law enforcement in the Anchorage area. An indoor range operated by the Anchorage Police Department supports primarily handgun training, and is limited to 25 yards. Law enforcement training with long guns (i.e. rifles and shotguns) is currently being conducted at the one available private range in the area and at Ft. Richardson Military Reservation. Demand for range time by the primary users of these facilities has left law enforcement without a reliable location to conduct proficiency and tactical training. This has led to an inefficient and inconsistent firearms training program.

Inadequate training with long guns by law enforcement personnel leaves them less prepared to protect the public, and opens both individual officers and their agencies to tremendous civil liability.

	2009	2010	2011	2012	2013	2014	Total
Revenue Sources							
Bond Proceeds	2,000	0	0	0	0	0	2,000
State Grant Revenue - Direct	2,000	13,000	0	0	0	0	15,000
Project Total:	4,000	13,000	0	0	0	0	17,000

O & M Costs