

Public Safety***Project Summary***

	<i>File Number</i>	<i>Reference*</i>
City Court		
New City Court Building	01-850	CRT -001
Remodel Police Admin Basement for City Court	03-007	CRT -002
Environmental Management		
6th Street LUST (Leaking Underground Storage Tank) Remediation	01-265	EM -001
Fire		
Acquire Land for New Fire Stations.	01-737	F -001
Acquisition of Replacement Fire Equipment	01-731	F -003
Acquisitions of New Fire Apparatus	02-318	F -042
Emergency Vehicle AVL	02-326	F -006
Fire Operations Center (Administration, EMS, Personnel/Safety, Pub. Ed. & E.O.C.)	01-739	F -018
Fire Station 210: Expansion/Renovation	01-751	F -015
Fire Station 218	01-743	F -012
Fire Stations 205, 213, 214 Expansion/Remodel	01-756	F -022
Optical Pre-emption & Emergency Traffic Signal Equipment	01-750	F -004
Public Safety Training Academy: Defensive Tactics, Health and Safety Offices	01-918	F -037
Public Safety Training Facility – Phased Improvements: Special Operations and Training Office with adjoining classrooms.	01-733	F -040
Public Safety Training Facility-Phased Improvements: Multi-purpose Buildings	01-734	F -023

**Reference number for Map and Project Detail pages*

Public Safety*Project Summary*

	<i>File Number</i>	<i>Reference*</i>
Public Safety Training Facility-Phased Improvements: Refurbish Burn Room	01-735	F-020
Remodel Fire Station 215	01-920	F-039
Waterless Fire Suppression System, Public Safety Dispatch Center	04-860	F-050

Police

800 MHz Trunked Radio System Infrastructure	01-763	P-004
Chilled Water Line to Public Safety Campus	04-082	P-038
New Falcon Police Substation (Phase I)	01-768	P-009
New Falcon Substation (Phase II)	01-872	P-036
Remodel Police Central (Old City Court Building)	01-873	P-037
Technical Services Building	01-258	P-005

**Reference number for Map and Project Detail pages*

Public Safety

Future Projects

City Court

City Court Basement Remodel

Fire

Construction of Concrete Driveway Replacement at Fire Stations 209, 211, 213 & 215

Fire Community Services Offices

Fire Station 208, Battalion 202 & 203 Expansion/Renovation

Fire Station 219, 32nd St. & McDowell

Fire Station 220: New Station

Fire Station 221: New Station

Fire Station 222 and Battalion 204 Office: New

New Fire Station #223

New Fire Station #224

New Fire Station #225/Batt. 205

Potential Relocation of Driver Track

Public Safety Training Facility –Classrooms

Traffic Signals at Fire Stations

Police

Building Treatment for 800MHz Radio Coverage

Public Safety

Future Projects

Police

Construction of Sight & Sound Wall for Police Central Patrol Adult/Juvenile Holding Areas

Falcon Substation Communications Facility

Far Northeast Mesa Radio Transmitter Site

Garage Improvements at the SID Building

Helicopter-Replace Helicopter purchased in 1994.

Identification Lab Enhancements.

Impound Lot Expansion for Police Department

Impound Lot Improvements

Install Keyless Entry System and Security Cameras in the SID Building

Install Paging System at Police Central Patrol Substation

Northeast Police Substation

Police Communications Center Lighting Upgrade

Police Headquarters- Remodel 3rd & 4th floors

Police/City Court Parking Garage- Phase II

Public Safety Communications & 911 Expansion/Dispatch Center

Public Safety Driving Track Relocation and Land Acquisition

Public Safety

Future Projects

Police

Public Safety Indoor Firearms Range

Remodel of Aviation Area within the Police Dept.

Remodel of Dobson Substation

Remodel of Old Falcon Police/Fire Substation

Security Improvements at the 6th Street Complex

SID Building Remodel- Phase 1

SID Building Remodel- Phase 2

Soundproof the Existing Polygraph/Examination Rooms

Thompson Peak Intelli-repeater Site Transmitters

Transportable Trunking Facility

Upgrade of Interview Rooms in Criminal Investigation Area within the Police Department

WGA Terminal Security Facility

Williams Gateway Airport Communications Facility

Public Safety

Project Detail

Public Safety

Project Detail

City Court

01-850 New City Court Building

CRT-001

Problem

The existing Court building has no additional space for courtrooms, office space, storage for records, or juror facilities. As the caseload increases, there is a need for courtroom space to allow the cases to be heard in the prescribed time. The City Prosecutor's office is in the same situation with regard to caseload increase and room for staff and records.

Solution

Design and construct a new building to provide space for the court, prosecutor, and jail courtroom needs. The building will include courtrooms, office space for judges, Court and City Prosecutor staff, attorney conference rooms, juror facilities, record storage, and facilities for the public to view teleconferenced proceedings between the Maricopa County Jail and the Court.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Design	\$1,400,000	\$700,000	\$0	\$0	\$0	\$0	\$2,100,000
9650	G6	Construction	\$0	\$4,500,000	\$13,999,565	\$10,259,597	\$0	\$0	\$28,759,162
5300	010	Purchase	\$0	\$0	\$0	\$0	\$502,693	\$0	\$502,693
9650	G6	Purchase	\$0	\$0	\$0	\$1,110,213	\$0	\$0	\$1,110,213
9650	G6	Constr. Admin	\$0	\$139,132	\$432,842	\$294,621	\$0	\$0	\$866,595
9650	G6	ISD	\$0	\$0	\$0	\$277,553	\$0	\$0	\$277,553
			\$1,400,000	\$5,339,132	\$14,432,407	\$11,941,984	\$502,693	\$0	\$33,616,216
Non-Capital/Start-Up Costs									
5300	010	Misc	\$0	\$0	\$1,539,455	\$0	\$13,026	\$0	\$1,552,481
5400	010	Misc	\$0	\$0	\$486,161	\$78,713	\$64,113	\$0	\$628,987
			\$0	\$0	\$2,025,616	\$78,713	\$77,139	\$0	\$2,181,468
Total (Non-Capital & Capital Costs)									
			\$1,400,000	\$5,339,132	\$16,458,022	\$12,020,697	\$579,832	\$0	\$35,797,683
Operations & Maint Costs									
5300	010	Personal Service	\$0	\$0	\$0	\$1,532,405	\$1,912,590		
5300	010	Other Services	\$0	\$0	\$0	\$294,360	\$300,866		
5300	010	Commodities	\$0	\$0	\$0	\$25,102	\$25,656		

Public Safety

Project Detail

01-850 New City Court Building **CRT-001**

Operations & Maint Costs

5400	010	Personal Service	\$0	\$0	\$0	\$928,553	\$1,052,510
5400	010	Other Services	\$0	\$0	\$0	\$180,286	\$184,271
5400	010	Commodities	\$0	\$0	\$0	\$25,102	\$25,656

			\$0	\$0	\$0	\$2,985,808	\$3,501,549
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03-007 Remodel Police Admin Basement for City Court **CRT-002**

Problem

The existing courtroom in the basement of the police department is unsafe. There is no separation between the prisoners and court staff, prosecutor staff, defense attorneys, and contract interpreters. This places their safety at risk. Airflow is poor and work space is cramped. Prisoner control is at risk.

Solution

Design and remodel the existing courtroom to provide for the safety of all individuals required to be at the court. This will provide the means for prisoners to never leave the secure environment and for individuals who need to interact with prisoners to never enter the secure environment. Prisoner movement will be controlled. Remodel will entail any plumbing, ventilation, and air conditioning improvements.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Construction	\$73,400	\$0	\$0	\$0	\$0	\$0	\$73,400
			\$73,400	\$0	\$0	\$0	\$0	\$0	\$73,400
Non-Capital/Start-Up Costs									
5300	010	Misc	\$14,364	\$0	\$0	\$0	\$0	\$0	\$14,364
6100	010	Misc	\$10,222	\$0	\$0	\$0	\$0	\$0	\$10,222
			\$24,586	\$0	\$0	\$0	\$0	\$0	\$24,586
Total (Non-Capital & Capital Costs)									
			\$97,986	\$0	\$0	\$0	\$0	\$0	\$97,986

Public Safety

Project Detail

Environmental Management

01-265 6th Street LUST (Leaking Underground Storage Tank) Remediation

EM-001

Problem

Releases from old fuel storage tanks at the 6th Street Service Center have resulted in soil and groundwater contamination at the site. The extent of soil and water contamination has been determined and under State and Federal regulations it is now necessary to begin remediation of the contamination.

Solution

Remediation options for soil and groundwater contamination must be evaluated to determine the most cost-effective method of remediation. It will then be necessary to develop a corrective action plan, design and then install the remediation system(s). It is estimated that design, plan development and installation of the system(s) should take approximately 18 months. Operations of the remediation system is estimated to take approximately four years after which the system will be abandoned.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
6800	010	Construction	\$694,612	\$0	\$0	\$0	\$0	\$0	\$694,612
6800	SA	Reimbursement	(\$655,762)	\$0	\$0	\$0	\$0	\$0	(\$655,762)
			\$38,850	\$0	\$0	\$0	\$0	\$0	\$38,850
Non-Capital/Start-Up Costs									
6800	010	Misc	\$216,614	\$223,769	\$109,379	(\$129,402)	(\$48,959)	\$231,883	\$603,284
			\$216,614	\$223,769	\$109,379	(\$129,402)	(\$48,959)	\$231,883	\$603,284
Total (Non-Capital & Capital Costs)									
			\$255,464	\$223,769	\$109,379	(\$129,402)	(\$48,959)	\$231,883	\$642,134

Public Safety

Project Detail

Fire

01-737 Acquire Land for New Fire Stations.

F-001

Problem

Need to acquire land for future fire station sites to provide adequate emergency services in the community. Priority sites are: 56th Street and Main Street, Sycamore and Main Street, 8th Street and Alma School, and Power Road and McLellan.

Solution

Fire station sites need to be strategically located in the community ahead of the anticipated service delivery schedule to provide compatibility with the neighborhood. Acquisition of the land will position the fire station in the proper location for future services.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Land Acquisition	\$650,000	\$419,430	\$0	\$0	\$0	\$0	\$1,069,430
			\$650,000	\$419,430	\$0	\$0	\$0	\$0	\$1,069,430
Total (Non-Capital & Capital Costs)									
			\$650,000	\$419,430	\$0	\$0	\$0	\$0	\$1,069,430

Public Safety

Project Detail

01-731 Acquisition of Replacement Fire Equipment

F-003

Problem

Replacement of fire equipment are to provide adequate emergency service vehicles. Replacement vehicles have exceeded usable life, based on standardized replacement plan.

Solution

Fire Pumper Trucks are programmed for 130,000 miles or 8- 10 years of front-line service and 3 - 5 years of reserve service or a total of 150,000 miles.

Rehab/Supply vehicles are programmed for 130,000 miles or 8- 10 years of front-line service and 3 - 5 years of reserve service or a total of 150,000 miles.

Fire Ladder Tenders are programmed for 100,000 miles or 10 years of front-line service and 3 years of reserve service or a total of 130,000 miles.

Fire Ladder Trucks are programmed for 130,000 miles or 8- 10 years of front-line service and 3 - 5 years of reserve service or a total of 150,000 miles.

Fire Specialty Apparatus are programmed 130,000 miles or 8- 10 years of front-line service and 3 - 5 years of reserve service or a total of 150,000 miles.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
6300	011	Purchase	\$471,000	\$0	\$0	\$0	\$0	\$0	\$471,000
6300	FA	Purchase	\$1,083,442	\$0	\$0	\$0	\$0	\$0	\$1,083,442
9600	G6	Purchase	\$1,919,940	\$2,194,668	\$985,155	\$1,176,823	\$2,785,237	\$13,743,388	\$22,805,211
6300	FA	Misc	\$31,757	\$0	\$0	\$0	\$0	\$0	\$31,757
			\$3,506,139	\$2,194,668	\$985,155	\$1,176,823	\$2,785,237	\$13,743,388	\$24,391,410
Non-Capital/Start-Up Costs									
6300	010	Misc	\$416,202	\$236,928	\$0	\$97,697	\$267,799	\$355,239	\$1,373,865
			\$416,202	\$236,928	\$0	\$97,697	\$267,799	\$355,239	\$1,373,865
Total (Non-Capital & Capital Costs)									
			\$3,922,341	\$2,431,596	\$985,155	\$1,274,520	\$3,053,036	\$14,098,627	\$25,765,275

Public Safety

Project Detail

01-750 Optical Pre-emption & Emergency Traffic Signal Equipment

F-004

Problem

The traffic signal system is currently 58% equipped with emergency pre-emption devices. The goal is to have at least 66% of the system outfitted. In order to keep up with new signalized intersection additions, it is imperative to plan for optical pre-emption.

Solution

Minimum of twelve new intersections to be budgeted per year to keep up with city growth. \$9,000 per intersection. Emergency traffic signal pre-emption for existing fire station response areas.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Construction	\$157,286	\$157,286	\$163,106	\$166,532	\$0	\$0	\$644,210
			\$157,286	\$157,286	\$163,106	\$166,532	\$0	\$0	\$644,210
Total (Non-Capital & Capital Costs)									
			\$157,286	\$157,286	\$163,106	\$166,532	\$0	\$0	\$644,210
Operations & Maint Costs									
6300	010	Commodities	\$0	\$23,592	\$24,465	\$50,513	\$51,630		
			\$0	\$23,592	\$24,465	\$50,513	\$51,630		

Public Safety

Project Detail

02-326 Emergency Vehicle AVL

F-006

Problem

This project will investigate and demonstrate an emergency vehicle preemption system using the signal control systems to preempt the signals rather than the individual intersection-based preemption now in use.

Solution

City of Mesa participate in federal project. Local portion of a cooperative federal aid project with Chandler, Tempe, and Gilbert. Total project cost is \$400,000.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
8100	011	City Share	\$0	\$10,485	\$0	\$0	\$0	\$0	\$10,485
			\$0	\$10,485	\$0	\$0	\$0	\$0	\$10,485
Total (Non-Capital & Capital Costs)									
			\$0	\$10,485	\$0	\$0	\$0	\$0	\$10,485

Public Safety

Project Detail

01-743

Fire Station 218

F-012

Problem

New fire station to provide service to Mesa due to annexations and infill growth (residential and industrial).

Solution

Construction of a new fire station.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Land Acquisition	\$680,000	\$0	\$0	\$0	\$0	\$0	\$680,000
9600	G6	Design	\$192,709	\$0	\$0	\$0	\$0	\$0	\$192,709
9600	G6	Construction	\$0	\$996,342	\$946,993	\$0	\$0	\$0	\$1,943,335
6300	011	Purchase	\$0	\$415,589	\$0	\$0	\$0	\$0	\$415,589
9600	G6	Purchase	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
9600	G6	ISD	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
			\$872,709	\$1,466,931	\$946,993	\$0	\$0	\$0	\$3,286,633
Non-Capital/Start-Up Costs									
6300	011	Misc	\$0	\$0	\$82,494	\$0	\$0	\$0	\$82,494
			\$0	\$0	\$82,494	\$0	\$0	\$0	\$82,494
Total (Non-Capital & Capital Costs)									
			\$872,709	\$1,466,931	\$1,029,487	\$0	\$0	\$0	\$3,369,127
Operations & Maint Costs									
6300	011	Personal Service	\$0	\$989,194	\$1,070,267	\$1,108,689	\$1,159,578		
6300	011	Other Services	\$0	\$0	\$0	\$44,433	\$45,415		
6300	011	Commodities	\$0	\$0	\$0	\$6,725	\$6,874		
			\$0	\$989,194	\$1,070,267	\$1,159,847	\$1,211,867		

Public Safety

Project Detail

01-751 Fire Station 210: Expansion/Renovation

F-015

Problem

This fire station needs to be expanded and renovated to accommodate current operational needs.

Solution

Provide infectious control decon area and diesel exhaust removal system. Expand facility to include fitness room, community room, turnout storage.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Design	\$0	\$0	\$0	\$5,550	\$0	\$0	\$5,550
9600	G6	Construction	\$0	\$0	\$0	\$741,622	\$0	\$0	\$741,622
9600	G6	Constr. Admin	\$0	\$0	\$0	\$54,123	\$0	\$0	\$54,123
9600	G6	ISD	\$0	\$0	\$0	\$16,653	\$0	\$0	\$16,653
			\$0	\$0	\$0	\$817,948	\$0	\$0	\$817,948
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$0	\$20,066	\$0	\$0	\$20,066
			\$0	\$0	\$0	\$20,066	\$0	\$0	\$20,066
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$838,013	\$0	\$0	\$838,013
Operations & Maint Costs									
6300	010	Other Services	\$0	\$0	\$0	\$2,048	\$2,093		
6300	010	Commodities	\$0	\$0	\$0	\$5,550	\$5,673		
			\$0	\$0	\$0	\$7,598	\$7,766		

Public Safety

Project Detail

01-739 Fire Operations Center **F-018**
 (Administration, EMS, Personnel/Safety, Pub. Ed. & E.O.C.)

Problem

Need for construction of a facility for fire department office space and emergency operations center for the City.

Solution

Construction to include office space for emergency medical services, personnel and safety, emergency services, fire administration, instructional area, public education area, storage, and the emergency operations center for the City in this facility. Communication equipment to include UPS, Console furniture, Alternate route fiber communications feed, Telecommunications equipment, Television feed, Amateur radio equipment, 800 MHZ equipment.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Design	\$157,286	\$0	\$0	\$0	\$0	\$0	\$157,286
9600	G6	Construction	\$0	\$2,359,296	\$3,669,902	\$0	\$0	\$0	\$6,029,198
9600	G6	Purchase	\$0	\$0	\$0	\$999,192	\$0	\$0	\$999,192
9600	G6	Constr. Admin	\$0	\$0	\$163,106	\$0	\$0	\$0	\$163,106
9600	G6	ISD	\$0	\$0	\$163,106	\$0	\$0	\$0	\$163,106
			\$157,286	\$2,359,296	\$3,996,114	\$999,192	\$0	\$0	\$7,511,888
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$0	\$255,347	\$0	\$0	\$255,347
			\$0	\$0	\$0	\$255,347	\$0	\$0	\$255,347
Total (Non-Capital & Capital Costs)									
			\$157,286	\$2,359,296	\$3,996,115	\$1,254,539	\$0	\$0	\$7,767,236
Operations & Maint Costs									
6300	010	Other Services	\$0	\$0	\$0	\$112,686	\$115,177		
6300	010	Commodities	\$0	\$0	\$0	\$9,436	\$9,644		
			\$0	\$0	\$0	\$122,122	\$124,821		

Public Safety

Project Detail

01-735

Public Safety Training Facility-Phased Improvements: Refurbish Burn Room

F-020

Problem

Planned phase improvements at Police/Fire Training Facility. This is an ongoing project to improve the facility at 40th Street locations.

Solution

Upgrade interior surface of burn building to control structural degradation from repeated exposure to high temperatures. Convert to natural gas to facilitate a more controlled and safe atmosphere. This natural gas system will also allow training activities to be conducted on high pollution "No Burn" days. Design and construct an addition to allow for greater area needs.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Construction	\$930,000	\$0	\$0	\$0	\$0	\$0	\$930,000
			\$930,000	\$0	\$0	\$0	\$0	\$0	\$930,000
Total (Non-Capital & Capital Costs)									
			\$930,000	\$0	\$0	\$0	\$0	\$0	\$930,000
Operations & Maint Costs									
6100	010	Other Services	\$14,847	\$15,218	\$15,781	\$16,113	\$16,469		
			\$14,847	\$15,218	\$15,781	\$16,113	\$16,469		

Public Safety

Project Detail

01-756 Fire Stations 205, 213, 214 Expansion/Remodel

F-022

Problem

Fire Stations 205, 213, 214 need to be expanded and renovated to accommodate current operational needs.

Solution

Improvements to the facilities to provide neighborhood access and appropriate functionality for the firefighters. Station 205 (Fitness Room, Turnout Storage, Community Room, Fuel Vault, Concrete/Asphalt Repair, crew quarters). Fire Station 213 (Sound Wall). Fire Station 214 (Community Room, Bays, Fuel Vault, crew quarters)

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Design	\$0	\$0	\$0	\$49,959	\$0	\$0	\$49,959
9600	G6	Construction	\$0	\$0	\$0	\$499,596	\$0	\$0	\$499,596
9600	G6	ISD	\$0	\$0	\$0	\$66,612	\$0	\$0	\$66,612
			\$0	\$0	\$0	\$616,167	\$0	\$0	\$616,167
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$0	\$0	\$17,019	\$0	\$17,019
			\$0	\$0	\$0	\$0	\$17,019	\$0	\$17,019
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$616,167	\$17,019	\$0	\$633,186
Operations & Maint Costs									
6300	010	Other Services	\$0	\$0	\$0	\$0	\$18,405		
			\$0	\$0	\$0	\$0	\$18,405		

Public Safety

Project Detail

01-734

Public Safety Training Facility-Phased Improvements: Multi-purpose Buildings

F-023

Problem

Planned phased improvements at Police/Fire Training Facility. This is an ongoing project to improve and expand the facility at 40th Street location.

Solution

Streets, sidewalks, and landscape for village and fire prop area. This will support subsequent expansion of the facility to accommodate a mock community used for a myriad of training scenarios including police-based domestic dispute training, hostage-recovery training, search and seizure training. Also included are fire-based training programs such as mass casualty training, firefighter safety and survivability training, property conservation training, and incident command training among other training programs. Village infrastructure will include streets and curbing, water distribution and recovery system (for aggressive water-conservation), electrical distribution, natural gas distribution, and sewage/run-off.

Project 4 & 5-Complete multi-purpose village: buildings; mini-market/bank, strip mall with sprinkler/hood system, lab and ventilation prop; service station façade with roll-up doors for storage and maintenance of Police Department track cars. Ramada and restrooms to facilitate practical skills area of the facility. Completion of Fire Training props, training prop control and storage observation deck.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Design	\$0	\$0	\$0	\$364,149	\$0	\$0	\$364,149
9600	G6	Construction	\$0	\$0	\$0	\$0	\$3,718,113	\$0	\$3,718,113
9600	G6	ISD	\$0	\$0	\$0	\$0	\$204,254	\$0	\$204,254
			\$0	\$0	\$0	\$364,149	\$3,922,367	\$0	\$4,286,516
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$0	\$0	\$0	\$11,613	\$11,613
			\$0	\$0	\$0	\$0	\$0	\$11,613	\$11,613
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$364,149	\$3,922,367	\$11,613	\$4,298,129
Operations & Maint Costs									
6100	010	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6300	010	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0	\$0	\$0	\$0

Public Safety

Project Detail

01-918

Public Safety Training Academy: Defensive Tactics, Health and Safety Offices

F-037

Problem

Planned phased improvements at Police/Fire Training Facility

The defensive tactics, health and safety offices are currently conducted in the garage area of the Fire Training facility. This arrangement necessitates vehicle relocation to use the space and exposes participants to diesel exhaust and vehicle fluids. The training academy needs a tactics and health facility for police/fire recruits and incumbents.

Solution

Construct a facility with instructional space, employee services restrooms, showers, lockers and dressing rooms, evaluation areas for health and safety and defensive tactic props.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9600	G6	Design	\$0	\$0	\$216,388	\$0	\$0	\$0	\$216,388
9600	G6	Construction	\$0	\$0	\$0	\$0	\$1,134,749	\$918,679	\$2,053,428
9600	G6	Purchase	\$0	\$0	\$0	\$0	\$65,815	\$0	\$65,815
9600	G6	ISD	\$0	\$0	\$0	\$0	\$0	\$75,492	\$75,492
			\$0	\$0	\$216,388	\$0	\$1,200,564	\$994,171	\$2,411,123
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$216,388	\$0	\$1,200,564	\$994,171	\$2,411,123
<i>Operations & Maint Costs</i>									
6300	010	Other Services	\$0	\$0	\$0	\$0	\$48,793		
6300	010	Commodities	\$0	\$0	\$0	\$0	\$103,261		
			\$0	\$0	\$0	\$0	\$152,054		

Public Safety

Project Detail

01-920

Remodel Fire Station 215

F-039

Problem

The fire station at Williams Gateway Airport (WGA) - 5945 S. Sossaman was inherited from the Air Force, when the military base closure occurred. WGA has provided written authorization for the City of Mesa to use the WGA owned land, at 5945 S. Sossaman to construct a new facility. The fire station is not equipped with a women's restroom/locker areas, fitness space, diesel exhaust removal system, decontamination area for medical equipment, adequate access to truck bays and functional living/work areas.

Solution

The building was originally constructed in 1955 and is in need of major renovation or replacement to be functional as a fire station. Evaluate the re-use of the structure, with interior/exterior renovations, to make the fire station functional or construct a replacement fire station on the site built to current standards. Provide women's restroom/lockers, fitness space, diesel exhaust removal system, decontamination area for medical equipment, adequate access to truck bays and functional living/work areas.

Program	Fund	Activity	FY 05/06	FY 06/07	FY 07/08	FY 08/09	FY 09/10	Future	Totals
Capital Costs									
9600	G6	Design	\$210,000	\$0	\$0	\$0	\$0	\$0	\$210,000
9600	G6	Construction	\$0	\$1,671,572	\$1,783,314	\$0	\$0	\$0	\$3,454,886
9600	G6	Purchase	\$0	\$0	\$33,378	\$0	\$0	\$0	\$33,378
9600	G6	ISD	\$0	\$0	\$59,805	\$0	\$0	\$0	\$59,805
			\$210,000	\$1,671,572	\$1,876,497	\$0	\$0	\$0	\$3,758,069
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$73,865	\$0	\$0	\$0	\$73,865
			\$0	\$0	\$73,865	\$0	\$0	\$0	\$73,865
Total (Non-Capital & Capital Costs)									
			\$210,000	\$1,671,572	\$1,950,363	\$0	\$0	\$0	\$3,831,935

Public Safety

Project Detail

01-733

Public Safety Training Facility – Phased Improvements: Special Operations and Training Office with adjoining classrooms.

F-040

Problem

Planned phased improvements at Police/Fire Training Facility. Currently there are no dedicated classrooms to support Special Operations or command/operations simulation training. Additionally, the current office configuration does not allow for staffing levels identified in this section’s Five Year Strategic Plan. The growth of Police Training and the projected growth in Fire Training are not supported by the current building configuration. This is an ongoing project to improve and expand the facility at 40th Street location.

Solution

Project 3 – Office space sufficient to accommodate staffing levels set forth in Special Operations and Training’s Five Year Strategic Plan (2002-2007) with adjoining classrooms dedicated to Special Operations and simulation training. These classrooms will include virtual reality training hardware and software capable of simulating dynamic real-time emergency scenes, driving simulation, and confrontation scenarios. This will include video simulation, radio communication integration, and audio-video recording of participant performance. With this technology, Fire and Police Personnel will be able to manage mock-emergency incidents at real City of Mesa structures and community areas. All classrooms will be electronically connected to allow for interoperability during simulations of mock disasters on a large scale. This facility would be available for citywide training on emergency Operations Center and Incident Command procedures. This is will also include restrooms, storage, large break room with kitchen. Relocation of the existing portable classroom will be included in this project.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9600	G6	Design	\$0	\$272,629	\$0	\$0	\$0	\$0	\$272,629
9600	G6	Construction	\$0	\$0	\$1,223,301	\$1,432,175	\$0	\$0	\$2,655,476
6300	010	Purchase	\$0	\$0	\$0	\$313,080	\$0	\$0	\$313,080
9600	G6	ISD	\$0	\$0	\$201,164	\$0	\$0	\$0	\$201,164
			\$0	\$272,629	\$1,424,465	\$1,745,255	\$0	\$0	\$3,442,349
Non-Capital/Start-Up Costs									
6300	010	Misc	\$0	\$0	\$0	\$11,101	\$0	\$0	\$11,101
			\$0	\$0	\$0	\$11,101	\$0	\$0	\$11,101
Total (Non-Capital & Capital Costs)									
			\$0	\$272,629	\$1,424,465	\$1,756,356	\$0	\$0	\$3,453,450
Operations & Maint Costs									
6100	010	Other Services	\$0	\$0	\$0	\$40,199	\$41,087		
			\$0	\$0	\$0	\$40,199	\$41,087		

Public Safety

Project Detail

02-318 Acquisitions of New Fire Apparatus

F-042

Problem

Increase of emergency response requires additional fire units to meet response demands.

Solution

Additions of new fire equipment and staffing to provide adequate emergency services.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9600	G6	Purchase	\$0	\$0	\$136,885	\$0	\$0	\$2,279,020	\$2,415,905
			\$0	\$0	\$136,885	\$0	\$0	\$2,279,020	\$2,415,905
<i>Non-Capital/Start-Up Costs</i>									
6300	010	Misc	\$0	\$0	\$0	\$0	\$0	\$489,572	\$489,572
			\$0	\$0	\$0	\$0	\$0	\$489,572	\$489,572
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$136,885	\$0	\$0	\$2,768,592	\$2,905,477
<i>Operations & Maint Costs</i>									
6300	010	Personal Service	\$0	\$0	\$0	\$0	\$0		
			\$0	\$0	\$0	\$0	\$0		

Public Safety

Project Detail

04-860 Waterless Fire Suppression System, Public Safety Dispatch Center

F -050

Problem

The current water sprinkler system meets minimal needs for fire suppression but if activated, would destroy vital communications equipment used by Police, Fire, and Utilities as well as degrade or destroy vital links to Public Safety in Gilbert, Apache Junction, and Phoenix.

Solution

Install FM200 Waterless Fire Suppression designed to augment the current minimal Sprinkler system.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9600	G6	Design	\$0	\$0	\$25,925	\$0	\$0	\$0	\$25,925
9600	G6	Construction	\$0	\$0	\$0	\$299,758	\$0	\$0	\$299,758
			\$0	\$0	\$25,925	\$299,758	\$0	\$0	\$325,683
<i>Total (Non-Capital & Capital Costs)</i>									
			\$0	\$0	\$25,925	\$299,758	\$0	\$0	\$325,683

Public Safety

Project Detail

Police

01-763 800 MHz Trunked Radio System Infrastructure

P-004

Problem

Mesa has partnered with the City of Phoenix to purchase replacement 800 MHz trunked radio systems that will make up a valleywide network. These systems will be used for valleywide roaming and interoperability by all police and fire personnel and units. In addition, they will provide radio systems for all of Mesa's other departments as well. Contracts have been let for the design of the systems that will make up the network by each city. The City of Mesa needs to upgrade current police communications system to 800 mhz system. FCC requires change to 800 mhz. This project is underway and will take several years to complete.

Solution

Project is currently underway and bonds have already been sold for this project. Mesa's system is designed to provide in-building coverage of all of Mesa. It's extended coverage will provide mobile coverage for Gilbert Fire and Apache Junction Fire District. It is designed to have adequate capacity to support Mesa through 2005, and it is expandable to provide capacity until 2015. The system uses six simulcast sites in Mesa, one simulcast site in Apache Junction (providing coverage to east Mesa and AJFD. Two non-simulcast sites support air operations across all of the east valley. It uses existing communications sites in Mesa which must be upgraded to house more equipment than the existing system.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Construction	\$781,947	\$0	\$0	\$0	\$0	\$0	\$781,947
6100	010	Purchase	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
9650	G6	Constr. Admin	\$245,770	\$0	\$0	\$0	\$0	\$0	\$245,770
			\$1,102,717	\$0	\$0	\$0	\$0	\$0	\$1,102,717
Non-Capital/Start-Up Costs									
6100	800	Misc	\$2,163,839	\$0	\$0	\$0	\$0	\$0	\$2,163,839
			\$2,163,839	\$0	\$0	\$0	\$0	\$0	\$2,163,839
Total (Non-Capital & Capital Costs)									
			\$3,266,556	\$0	\$0	\$0	\$0	\$0	\$3,266,556

Public Safety

Project Detail

01-258 Technical Services Building

P-005

Problem

The Mesa Police Crime Lab has less than 1/3 of space it needs to grow and accommodate even existing services. The Lab has gone from six members to over 20, yet has added no new work space since moving to the Court building, at 245 W 2nd Street. Space needs recommended for Crime Labs by the national crime lab accreditation body indicates that about 25,000 square foot is required for the Mesa Crime Lab, projecting future growth.

Currently, Identification Services (ID) , another forensic lab operation, which deals with fingerprints and photographs, is housed separately from the Crime Lab. By moving ID Services, which is on the 2nd floor of the Police annex building, at 130 N. Robson, lab services can be combined in the same work space. This would give continuity to the important forensic services offered by the labs. It would also give the old ID space to Police Evidence, which needs that floor to accommodate the growing inventory of property and evidence it is handling.

Solution

Construct a new Technical Services Building to house the Crime Lab, Identification Services Lab within the Criminal Justice Complex.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Design	\$1,311,429	\$0	\$0	\$0	\$0	\$0	\$1,311,429
6100	011	Construction	\$0	\$7,148,000	\$0	\$0	\$0	\$0	\$7,148,000
9650	G6	Construction	\$0	\$4,927,000	\$7,988,048	\$0	\$0	\$0	\$12,915,048
9650	G6	Purchase	\$0	\$0	\$2,174,757	\$0	\$0	\$0	\$2,174,757
9650	G6	Constr. Admin	\$0	\$313,949	\$296,636	\$0	\$0	\$0	\$610,585
9650	G6	ISD	\$0	\$0	\$118,252	\$0	\$0	\$0	\$118,252
			\$1,311,429	\$12,388,949	\$10,577,693	\$0	\$0	\$0	\$24,278,071
Non-Capital/Start-Up Costs									
6100	010	Misc	\$0	\$0	\$0	\$0	\$0	\$9,756	\$9,756
			\$0	\$0	\$0	\$0	\$0	\$9,756	\$9,756
Total (Non-Capital & Capital Costs)									
			\$1,311,429	\$12,388,949	\$10,577,693	\$0	\$0	\$9,756	\$24,287,827
Operations & Maint Costs									
6100	010	Other Services	\$0	\$0	\$288,069	\$294,118	\$300,618		
			\$0	\$0	\$288,069	\$294,118	\$300,618		

Public Safety

Project Detail

01-768 New Falcon Police Substation (Phase I)

P-009

Problem

Designed originally for 65 employees, staff at the current location of the Falcon Field substation has grown to 98 employees far exceeding it's limitations. Also, given the size of the Falcon Field district and the inability to house more officers at the current location, response times to emergencies and priority calls may be impacted negatively. The new Falcon Field substation needs to be in a more centrally located facility, which would allow a more effective response to calls for service.

Solution

Construct a new 30,000 square foot substation with CNG refueling station. The substation will be located in the southwest corner of Greenfield Road and University Drive.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
9650	G6	Construction	\$1,345,952	\$0	\$0	\$0	\$0	\$0	\$1,345,952
6100	010	Purchase	\$121,565	\$0	\$0	\$0	\$0	\$0	\$121,565
9650	G6	Purchase	\$304,978	\$0	\$0	\$0	\$0	\$0	\$304,978
9650	G6	ISD	\$86,822	\$0	\$0	\$0	\$0	\$0	\$86,822
			\$1,859,317	\$0	\$0	\$0	\$0	\$0	\$1,859,317
<i>Non-Capital/Start-Up Costs</i>									
6100	010	Misc	\$48,994	\$16,500	\$0	\$0	\$0	\$0	\$65,494
			\$48,994	\$16,500	\$0	\$0	\$0	\$0	\$65,494
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,908,311	\$16,500	\$0	\$0	\$0	\$0	\$1,924,811
<i>Operations & Maint Costs</i>									
6100	010	Other Services	\$0	\$109,090	\$113,127	\$115,503	\$118,055		
6100	010	Commodities	\$0	\$4,837	\$5,016	\$5,121	\$5,235		
			\$0	\$113,927	\$118,143	\$120,624	\$123,290		

Public Safety

Project Detail

01-872 New Falcon Substation (Phase II)

P-036

Problem

Estimated increases in population in East Mesa will require an additional substation to be built to respond to calls. The first Phase of the New Falcon Substation was to relocate the existing officers from the old Falcon Substation.

Solution

Construct Phase II of the Falcon Substation to house additional officers to accommodate the increased calls of service in the East Valley. Phase II will be an exact replica of the 30,000 square foot building constructed in Phase I.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Design	\$0	\$0	\$0	\$360,833	\$0	\$0	\$360,833
9650	G6	Construction	\$0	\$0	\$0	\$0	\$1,418,435	\$1,515,515	\$2,933,950
9650	G6	Purchase	\$0	\$0	\$0	\$0	\$0	\$377,761	\$377,761
9650	G6	ISD	\$0	\$0	\$0	\$0	\$0	\$87,106	\$87,106
			\$0	\$0	\$0	\$360,833	\$1,418,435	\$1,980,382	\$3,759,650
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$360,833	\$1,418,435	\$1,980,382	\$3,759,650
Operations & Maint Costs									
6100	010	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	
6100	010	Commodities	\$0	\$0	\$0	\$0	\$0	\$0	
			\$0	\$0	\$0	\$0	\$0		

Public Safety

Project Detail

01-873 Remodel Police Central (Old City Court Building)

P-037

Problem

The Police Headquarters Building will be at capacity in the near future. It will be necessary to relocate staff to other buildings. Once City Court moves into their new building, Police personnel can utilize the vacant space in the old City Court building.

Solution

Remodel the existing City Court building to allow for Police personnel expansion.

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
Capital Costs									
9650	G6	Design	\$0	\$0	\$0	\$277,553	\$0	\$0	\$277,553
9650	G6	Construction	\$0	\$0	\$0	\$0	\$3,063,822	\$2,322,831	\$5,386,653
9650	G6	Purchase	\$0	\$0	\$0	\$0	\$340,424	\$0	\$340,424
9650	G6	Constr. Admin	\$0	\$0	\$0	\$0	\$283,687	\$0	\$283,687
			\$0	\$0	\$0	\$277,553	\$3,687,933	\$2,322,831	\$6,288,317
Total (Non-Capital & Capital Costs)									
			\$0	\$0	\$0	\$277,553	\$3,687,933	\$2,322,831	\$6,288,317
Operations & Maint Costs									
6100	010	Other Services	\$0	\$0	\$0	\$0	\$0	\$0	
			\$0	\$0	\$0	\$0	\$0	\$0	

Public Safety

Project Detail

04-082 Chilled Water Line to Public Safety Campus

P-038

Problem

The downtown Police and Court buildings currently use chillers to provide facility cooling. Since the city now owns a chilled water plant, facility cooling via chilled water lines would be more economical than chiller capital and operation costs.

Solution

Extend the chilled water distribution system to the Mesa Public Safety Campus

<i>Program</i>	<i>Fund</i>	<i>Activity</i>	<i>FY 05/06</i>	<i>FY 06/07</i>	<i>FY 07/08</i>	<i>FY 08/09</i>	<i>FY 09/10</i>	<i>Future</i>	<i>Totals</i>
<i>Capital Costs</i>									
6100	010	Design	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
9650	G6	Construction	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000
			\$1,360,000	\$0	\$0	\$0	\$0	\$0	\$1,360,000
<i>Total (Non-Capital & Capital Costs)</i>									
			\$1,360,000	\$0	\$0	\$0	\$0	\$0	\$1,360,000