

## PUBLIC SAFETY CONSTRUCTION FUNDS

Public safety projects are funded by a combination of public safety general obligation bonds and development impact fees. This section highlights the G.O. projects funded in Fund 2040 for the Fire, Police and City Court Departments.

A majority of new and carryover funding for FY 2011 will be used for the annual upgrade of the Police Department's communications system and for the purchase of new radios in order for the Fire Department to meet Federal Communications Commission requirements. Funding is also available for the purchase of a utility truck that has reached the end of its serviceable life. Due to the continued drop in secondary assessed valuation, funding for the City Court Building, which was previously scheduled for completion in FY 2012, has been deferred until FY 2015. Phase II of the Western Public Safety Training Facility is included in the last five years of the CIP.



**Project Name:** Training Facility Phase II  
**Funding Source:** G.O. Bond  
**Fund #:** 2040  
**Project #:** T5370

## FY 2011 - 2020 Capital Improvement Plan Fund and Project Summary

### 2040 - Public Safety Construction Category: 20%

	<u>FY 2011:</u>	<u>FY 2012:</u>	<u>FY 2013:</u>	<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FYs 16-20:</u>
<b>Estimated Beginning Balance:</b>	<b>\$5,685,923</b>	<b>\$1,415,874</b>	<b>\$1,008,780</b>	<b>\$415,725</b>	<b>\$6,989</b>	<b>\$1,372,356</b>
<b>Revenue</b>						
Bond Proceeds^	0	0	2,005,000	0	33,660,000	76,680,000
Intergovernmental Revenue	0	0	0	0	0	11,114,239
Investment Income	1,789	4,843	4,975	2,107	6,876	6,858
<b>Total Revenue:</b>	<b>1,789</b>	<b>4,843</b>	<b>2,009,975</b>	<b>2,107</b>	<b>33,666,876</b>	<b>87,801,097</b>
<b>Non-Capital Expenses</b>						
Advisor Fees	2,000	1,937	1,990	843	2,750	2,743
<b>Total Non-Capital Expenses:</b>	<b>2,000</b>	<b>1,937</b>	<b>1,990</b>	<b>843</b>	<b>2,750</b>	<b>2,743</b>
<b>Capital Project Expenses</b>	<u>Carrvover</u>	<u>New Funding</u>				
<b>Existing Assets</b>						
<i>Improvement of Existing Assets</i>						
75012 Police Digital Comm. System	1,027,698	1,303,250	410,000	410,000	410,000	410,000
<i>Replacement of Existing Assets</i>						
75024 800MHz Comm Equip	939,925	276,750	0	0	0	0
75034 Engine & Ladder Replacement	0	0	0	2,191,040	0	0
75036 Replace Utility Truck	0	722,215	0	0	0	0
T2520 Infor & Imaging Systems	0	0	0	0	0	0
T5320 EOC Equipment Replacement	0	0	0	0	0	0
T5400 Replace 1 Brush Truck	0	0	0	0	0	0
T5430 Specialty Delivery Truck	0	0	0	0	0	0
T5450 30 Heart Monitors	0	0	0	0	0	0
T5537 Fire Facility Assessment	0	0	0	0	0	0
T5539 *Replacement of Airpacks	0	0	0	0	0	0
<b>Sub-Total - Existing Assets</b>	<b>1,967,623</b>	<b>2,302,215</b>	<b>410,000</b>	<b>2,601,040</b>	<b>410,000</b>	<b>410,000</b>
<b>New Assets</b>						
75020 City Court Building	0	0	0	0	0	31,888,759
T5370 Training Facility Phase II	0	0	0	0	0	0
T5380 Purchase HazMat Vehicle	0	0	0	0	0	0
T5440 3000 Gallon Fuel Truck	0	0	0	0	0	0
T5535 Warehouse Facility Fire RMS	0	0	0	0	0	0
T5536 Fire Station - Western Area	0	0	0	0	0	0
<b>Sub-Total - New Assets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,888,759</b>
<b>Total Capital Project Expenses:</b>	<b>1,967,623</b>	<b>2,302,215</b>	<b>410,000</b>	<b>2,601,040</b>	<b>410,000</b>	<b>32,298,759</b>
<b>Total FY 2011 Funding:</b>	<b>4,269,838</b>					
<b>Estimated Ending Balance:</b>	<b>\$1,415,874</b>	<b>\$1,008,780</b>	<b>\$415,725</b>	<b>\$6,989</b>	<b>\$1,372,356</b>	<b>\$3,430</b>

\*New Project

^Will require additional voter authorization in last 5 years of the plan.

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** 75012 - Police Digital Comm. System (I)

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project is designed to fund upgrades to the Digital Communications (radio) System used by the police, transportation, sanitation, airport, public works and utilities departments. The upgrade ensures the digital radio system used by Glendale Police, and other city departments, is operating at peak performance for mission critical use. This project upgrades the Glendale system to an identical platform the City of Phoenix is currently upgrading to, ensuring continued interoperability.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$3,250	\$10,000	\$10,000	\$10,000	\$10,000	\$425,000
Equipment	\$1,300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$17,000,000
<b>Sub-Total New Funding</b>	<b>\$1,303,250</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$17,425,000</b>
<b>FY 2011 Carryover</b>	<b>\$1,027,698</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL</b>	<b>\$2,330,948</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$410,000</b>	<b>\$17,425,000</b>

**Operating Description:**

Maintenance costs on hardware/software. The costs associated with equipment maintenance includes the additional fees of \$125,000 per year (including a 3% inflation rate) for the software subscription agreement which upgrades the actual software that operates the handheld and mobile radios and was covered in the past by the initial warranty and system upgrade. This will not be covered starting in 2007.

Operating Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$225,000	\$231,750	\$238,703	\$245,864	\$253,239	\$1,125,000
<b>TOTAL</b>	<b>\$225,000</b>	<b>\$231,750</b>	<b>\$238,703</b>	<b>\$245,864</b>	<b>\$253,239</b>	<b>\$1,125,000</b>

**Project:** 75024 - 800MHz Comm Equip (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Purchase 800 MHz radios for the Phoenix Regional Wireless Network in order to meet Federal Communications Commission requirements for Public Safety radio transmissions. The 800 MHz fire system is scheduled for full implementation valley wide in 2010. Currently, the Glendale Fire Department is required to use the 800 MHz system for all stadium and arena events.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$6,750	\$0	\$0	\$0	\$0	\$43,378
Equipment	\$270,000	\$0	\$0	\$0	\$0	\$1,735,100
<b>Sub-Total New Funding</b>	<b>\$276,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,778,478</b>
<b>FY 2011 Carryover</b>	<b>\$939,925</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL</b>	<b>\$1,216,675</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,778,478</b>

**Operating Description:**

Network fees will cost \$49 per month per radio. O and M costs shown in FY's 2011-2013 are for 190 radios. Cost shown in FY's 2014-2020 is for a total of 440 radios. The department will submit a supplemental in the future for the additional O and M.

Operating Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Supplies/Contr	\$111,720	\$115,072	\$118,524	\$258,720	\$266,482	\$1,457,231
<b>TOTAL</b>	<b>\$111,720</b>	<b>\$115,072</b>	<b>\$118,524</b>	<b>\$258,720</b>	<b>\$266,482</b>	<b>\$1,457,231</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** 75034 - Engine & Ladder Replacement (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

To maximize the safe use of Emergency Code 3 Apparatus the fire department's replacement plan indicates that front line engines be replaced at seven years or 100,000 miles and be moved into a reserve status. Ladder trucks after 15 years or 100,000 miles. The department will maintain a reserve fleet of one reserve truck for every two front line. This CIP request is for a continuous plan for replacement of the department's Code 3 Apparatus.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$53,440	\$0	\$0	\$42,615
Equipment	\$0	\$0	\$2,137,600	\$0	\$0	\$1,704,600
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,191,040</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,747,215</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.

**Project:** 75036 - Replace Utility Truck (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Replace a nine year old utility truck. This is a specialized vehicle used in the fire service primarily for: 1) Exterior lighting tower; 2) Mobile fresh breathing air station; 3) Mobile rehabilitation and re-hydration unit; 4) Electricity for fans and lights inside buildings. This vehicle is used for the delivery of electric power, both for exterior lighting needs and interior electrical needs, on fire and emergency calls. It is also used to refill firefighter's self-contained breathing apparatus on all calls requiring self-contained air use, and also provides for firefighter rehabilitation and re-hydration on all events that require administration of water and fluids to sustain firefighters.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$17,615	\$0	\$0	\$0	\$0	\$0
Equipment	\$704,600	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$722,215</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Operating Description:**

O and M was eliminated from this project as the old utility truck will be auctioned off per staff.

**Project:** T2520 - Infor & Imaging Systems (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

This project will replace the obsolete digital system utilized for crime scene documentation and other digital documentation.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$17,500
Equipment	\$0	\$0	\$0	\$0	\$0	\$700,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$717,500</b>

**Operating Description:**

This project will entail establishing a maintenance agreement with a vendor to provide updated software, hardware and IT technical support on a contract basis for several years.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$300,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** T5320 - EOC Equipment Replacement (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

The city's Hirsch Security System, Blackberry Enterprise Service, city's Geographical Information Systems (GIS), Regional Training Center Wireless Access Control System, Emergency Management System Software, Emergency Operations Center (EOC) Interoperable Communications System, Fire Department Meeting Room Management (MRM) Systems, Weather System, and Public Safety Critical Infrastructure Protection System are all resident on EOC servers and equipment. This project will fund the replacement of telecommunication, audio/visual, computer infrastructure, data storage, radios and other equipment in the City EOC that will enable the continued operation of these and future technology based systems. The average life of technology based EOC systems is approximately four years due to improvements in technology and overall use. The EOC will be nine years old in 2016.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$126,227
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$5,049,083
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,175,310</b>

**Operating Description:**

This project will replace existing equipment and systems at the EOC. This equipment will be placed in the technology replacement fund at a cost of \$1,233,828 annually, or \$5,175,310 over the four year replacement cycle. The equipment replaced includes 117 computers and associated software; 123-17" monitors; 32 radios (UHF/VHF/800 MHz) and antennae; 72 headsets; 11-52" LCD monitors; 10-40" LCD monitors; 21-20" LCD monitors; 36 servers associated software and equipment racks; 57 video servers associated software and equipment racks; 15 network switches; 3 routers; 12-67" video cubes associated controllers and software; 7 dual zone net clocks; video teleconferencing systems; 4 sound systems; 3 weather stations; the data storage system; wireless control access system; 5 Wi-Fi touch panel control devices; the security system; the emergency management software; the EOC radio interoperability system; video surveillance system including 6 control points; and the structured cabling to support all of these systems.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$5,175,310
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,175,310</b>

**Project:** T5400 - Replace 1 Brush Truck (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Replace a brush truck vehicle that will have reached the end of its lifespan. This type of vehicle provides fire suppression off-road when dealing with brush fires requiring a specialized 4-wheel drive or a "brush truck" unit.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$11,490
Equipment	\$0	\$0	\$0	\$0	\$0	\$459,600
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$471,090</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** T5430 - Specialty Delivery Truck (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Purchase of a specialty delivery truck to replace a smaller vehicle that does not meet the departments needs. This vehicle carries emergency medical and various fire fighting supplies. This vehicle is used as a mobile storage for supplies that are delivered to the fire stations on a daily and or weekly basis and for large scale medical or fire emergencies.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$5,292
Equipment	\$0	\$0	\$0	\$0	\$0	\$211,660
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$216,952</b>

**Operating Description:**

No additional O and M is needed since this is the replacement of existing equipment.

**Project:** T5450 - 30 Heart Monitors (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Purchase of 30 cardiac monitors. The life span is difficult to gauge as wear and tear is a factor that plays into how long these units last. These monitors are used multiple times daily. 80% of calls for service relate to emergency medical incidents.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$19,500
Equipment	\$0	\$0	\$0	\$0	\$0	\$780,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$799,500</b>

**Operating Description:**

O and M includes the on-going annual maintenance cost of \$20,000 and 2 batteries per unit x 5 years. O and M calculated with 3% inflation per future years. The department will submit a supplemental in the future for the additional O and M.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$180,081
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,081</b>

**Project:** T5537 - Fire Facility Assessment (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

A comprehensive facility condition assessment (FCA) for the four Glendale Fire Stations that are over 20 years old (FS152, FS153, FS154 and FS155). An FCA will provide detailed data to support a capital renewal and deferred maintenance program. The FCA will assist facility administrators to identify, estimate and prioritize existing deferred maintenance and predict capital renewal requirements. Accurate information about the condition of facilities and building systems forms the foundation for ensuring smooth operations today and planning for future needs.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$18,750
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$750,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$768,750</b>

**Operating Description:**

No additional O and M is needed.

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

**2040 - Public Safety Construction**

**Category: 20%**

**Project:** T5539\* - Replacement of Airpacks (R)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Replacement of outdated self-contained breathing apparatus (SCBAs) or air packs. By the year 2016, 150 air packs will be outdated and in need of replacement. The useful life span of SCBAs is 7-10 years.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$37,637
Equipment	\$0	\$0	\$0	\$0	\$0	\$1,505,473
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,543,110</b>

**Operating Description:**

O and M includes maintenance and repair at \$25,000 annually and an additional \$36,000 (once every 5 years) for 2 hydro tests on 300 bottles at \$60.00 per bottle that is performed every 5 Years. The current SCBA budget is \$17,291 and does not cover the O and M identified; an additional \$44,000 is necessary plus an additional 5 years has been added for fiscal years 2016 through 2020 and 3% for inflation totaling \$226,600. The \$25,000 for annual maintenance and repair will be needed the year after purchase. The department will submit a supplemental request for the additional O and M identified.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$226,600
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$226,600</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** 75020 - City Court Building (N)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Construction will resume on the city court building in FY 2015. As of the end of December 2009, the structure was built to ground level. When completed the building is expected to be approximately 90,000 net square feet and include 10 courtrooms. There is the possibility of additional costs due to the delay in construction.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Construction	\$0	\$0	\$0	\$0	\$25,351,714	\$0
Finance Charges	\$0	\$0	\$0	\$0	\$791,603	\$0
IT/Phone/Security	\$0	\$0	\$0	\$0	\$2,235,868	\$0
Engineering Charges	\$0	\$0	\$0	\$0	\$89,645	\$0
Arts	\$0	\$0	\$0	\$0	\$253,517	\$0
Contingency	\$0	\$0	\$0	\$0	\$3,166,412	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$31,888,759</b>	<b>\$0</b>

**Operating Description:**

O and M includes a Building Maintenance Worker, two Custodians, a Day Porter and three Detention Officers. Other items include, utilities and electricity, security, building and elevator maintenance, parking lot sweeping and custodial supplies. There are \$185,900 in one-time expenses in FY 2016 including one-time purchases of vehicles and other essential supplies. The O and M related to opening the new facility does not include current grant-funded and one-time funded staff and operational costs. These costs total \$501,973. Also, it is estimated that an additional 13 court positions will be needed starting in 2016 and these are estimated to cost an additional \$1,132,447.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Staffing	\$0	\$0	\$0	\$0	\$0	\$2,283,985
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$1,271,344
Utilities	\$0	\$0	\$0	\$0	\$0	\$290,069
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$394,495
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$73,968
Insurance	\$0	\$0	\$0	\$0	\$0	\$81,221
Electrical	\$0	\$0	\$0	\$0	\$0	\$1,740,432
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$29,370
Landscape	\$0	\$0	\$0	\$0	\$0	\$43,111
Water	\$0	\$0	\$0	\$0	\$0	\$60,643
Refuse	\$0	\$0	\$0	\$0	\$0	\$35,355
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,303,993</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** T5370 - Training Facility Phase II (N)

**Funding Source:** General Obligation Bonds

**Project Description:**

Phase II of the Glendale Regional Public Safety Training Center will include shared site improvements such as landscaping, street lighting, earthwork, utility modifications, retaining walls, parking lots, etc. Shared buildings for police and fire will include classrooms, administrative offices, break room, lockers, showers and a maintenance and tire shop. Police specific buildings and props will include a shoot house, rubberized running track and an obstacle course. Fire specific building and props will include a mock strip mall, single family house, big box store, semi-truck prop and additional natural gas burn props. The Phase II cost estimate were provided by LEA Architects, LLC and was last revised on 02/05/2008.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$0	\$2,937,655
Construction	\$0	\$0	\$0	\$0	\$0	\$29,376,550
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$961,520
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$124,410
Arts	\$0	\$0	\$0	\$0	\$0	\$293,766
Equipment	\$0	\$0	\$0	\$0	\$0	\$587,531
Contingency	\$0	\$0	\$0	\$0	\$0	\$3,501,585
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$734,414
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,517,431</b>

**Operating Description:**

O and M includes salaries and benefits for 1 Battalion Chief, 2 Captains, 1 Secretary, 1 Records Technician and 1 Custodian. No additional staffing is needed for police. Equipment maintenance \$2,152,805 for 1st five years (Per year costs PD Training Equip. \$88,860 - one time, PD vehicle O and M \$17,530, computers and workstations \$33,100 one time, PD training equipment and supplies \$129,139, PD tuition and lab fees \$2,595 x 100, FD items \$14,000). Supplies and contracts also includes a three year maintenance contract at \$72,000 for driving simulator. Utilities includes an estimate received from architect. Building maintenance 99,515 sq ft x \$0.35 x 5 years. Landscape maintenance and water usage is calculated at 10 acres (438,600 x 0.18 per sq ft x 5 years); building water usage 99,515 sq ft x 0.151 x 5 years; and refuse is calculated using two 6 yard containers on site with pick up three days per week (\$341.26 x 12 x 5 years). A supplemental will be submitted in the future for the additional O and M.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Staffing	\$0	\$0	\$0	\$0	\$0	\$1,178,950
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$127,697
Utilities	\$0	\$0	\$0	\$0	\$0	\$411,102
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$174,151
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$2,289,490
Insurance	\$0	\$0	\$0	\$0	\$0	\$192,133
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$34,095
Landscape	\$0	\$0	\$0	\$0	\$0	\$394,740
Water	\$0	\$0	\$0	\$0	\$0	\$75,134
Refuse	\$0	\$0	\$0	\$0	\$0	\$20,476
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,897,968</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** T5380 - Purchase HazMat Vehicle (N)

**Funding Source:** General Obligation Bonds

**Project Description:**

Purchase of a second HazMat vehicle for the hazardous materials team to have as a back-up in the event that the current vehicle is out of service for maintenance or deployed in-kind to another city. This second support truck will ensure continued service to the citizens of Glendale.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$21,492
Equipment	\$0	\$0	\$0	\$0	\$0	\$859,675
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$881,167</b>

**Operating Description:**

O and M includes shop and fuel \$17,000 annually based on average cost of current truck, radio fees \$49 per month x 2, CAD charges \$4,338 annually. Vehicle replacement was not included as this piece of apparatus will be replaced as needed through future CIP requests. O and M calculated with 3% inflation per future years.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$126,699
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$126,699</b>

**Project:** T5440 - 3000 Gallon Fuel Truck (N)

**Funding Source:** General Obligation Bonds

**Project Description:**

Purchase of a 3,000 gallon fuel truck for the fire department to adequately prepare for disasters of all types. It would fill a resource need during disasters such as: fuel shortages and would provide the ability to refuel at long fire scenes that require pumping all day and all night, such as the Sanderson Ford Fire, Bio Lab Fire, Ice Plant Fire, etc. Other uses include: filling station generator fuel tanks; rolling electrical black outs of APS and SRP modifications and/or repair of transformers underground utilities, deployment of Urban Search and Rescue Team can be anywhere in the state, the team typically will deploy in a disaster area that has no power.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$4,250
Equipment	\$0	\$0	\$0	\$0	\$0	\$170,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$174,250</b>

**Operating Description:**

O and M includes shop and fuel of \$7,000 based on cost for similar size vehicle. Radio fees \$49 per month x 1. O and M calculated with 3% inflation per future years. Vehicle Replacement Funds were not included as this piece of apparatus will be replaced as needed through future CIP projects. The department will submit a supplemental prior to the completion of the project.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$42,702
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,702</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

**2040 - Public Safety Construction**

**Category: 20%**

**Project:** T5535 - Warehouse Facility Fire RMS (N)

**Funding Source:**

General Obligation Bonds

**Project Description:**

The fire department has grown in size over the years to nine stations and a training center. Fire Support Services handles all logistical needs for the fire department and is in need of a secured building that can provide adequate covered space to park two to four spare fully outfitted reserve fire trucks. This project is to construct a 20,000 sq ft metal warehouse to store fire equipment and station emergency medical supplies. The current 12,000 sq ft facility has been in use since 1992 and the fire department has been forced to utilize several remote locations to store various amounts of equipment.

**Capital Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$25,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$43,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,068,000</b>

**Operating Description:**

O and M estimates made based on CIP training manual FY 2011-2020. Utilities calculated at \$2.06 sq ft x 5 years. Maintenance at \$2.25 sq ft; water at \$0.157 sq ft, both x 5 years. Landscaping calculated for 20,000 sq ft at \$0.18 x 5 years. Refuse based on one 6 yard container with pick up three times per week at \$170.63 per month x 5 years. PC purchase \$2,168 x 6 and one printer at \$2,123 and replacement estimated at \$540 x 6 for desktops and \$531 for printer replacement. Electrical includes maintenance for security alarm, fire alarm and phones. The facilities main function is a warehouse and custodial services will not be needed. The department will submit a supplemental prior to completion of the project.

**Operating Costs:**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$0	\$0	\$0	\$0	\$0	\$206,000
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$231,751
Electrical	\$0	\$0	\$0	\$0	\$0	\$65,000
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$16,202
Landscape	\$0	\$0	\$0	\$0	\$0	\$18,000
Water	\$0	\$0	\$0	\$0	\$0	\$15,700
Refuse	\$0	\$0	\$0	\$0	\$0	\$10,237
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$562,890</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

## FY 2011-2020 Capital Improvement Plan

### Capital Project Expenses Detail

#### 2040 - Public Safety Construction

**Category: 20%**

**Project:** T5536 - Fire Station - Western Area (N)

**Funding Source:**

General Obligation Bonds

**Project Description:**

Design and construction of a 15,000 sq ft, four bay fire station, with firefighter quarters for 18 personnel, furniture, fixtures, equipment, office space and storage. Equipment includes one engine. This facility will respond to the surrounding residential and Westgate area between Northern Avenue and Camelback Road, west of Loop 101. This fire station would house a fire pumper 24/7 initially, with further expansion of ladders and medic units as growth demands. Formally referred to as Fire Station - 99th and Maryland.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$0	\$0	\$0	\$0	\$2,395,800
Design	\$0	\$0	\$0	\$0	\$0	\$2,007,090
Construction	\$0	\$0	\$0	\$0	\$0	\$9,522,600
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$364,996
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$156,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$115,000
Arts	\$0	\$0	\$0	\$0	\$0	\$95,226
Equipment	\$0	\$0	\$0	\$0	\$0	\$1,601,040
Contingency	\$0	\$0	\$0	\$0	\$0	\$1,625,775
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,883,527</b>

**Operating Description:**

O and M includes 12 Firefighters, 3 Captains, 3 Engineer and .5 FTE Building Maintenance Worker. Also includes promotions, training, medic pay, station supplies, station and equipment maintenance, grounds maintenance, insurance and one time cost in the amount of \$486,895 to recruit, test, hire and to send 18 firefighters to the training academy and six to medic school. Utilities, building maintenance, supplies and custodial for 15,000 sq ft of space. Technology replacement includes purchase of five computers and two printers = \$15,213 plus network replacement at \$1,600 for a total of \$16,813; PC and printer replacement = \$12,852 and ongoing cost for telephone/voice at \$4,000 per year for a total of \$16,582 x 5 years = \$82,910. Landscaping estimated at \$0.18 per sq ft plus 3% inflation for future years. Water estimated at \$0.157 per sq ft plus 3% inflation for future years. Refuse estimated at \$342.26 x 12 months with escalator. The department will submit a supplemental in the future for the additional O and M.

Operating Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Staffing	\$0	\$0	\$0	\$0	\$0	\$2,460,770
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$543,865
Utilities	\$0	\$0	\$0	\$0	\$0	\$118,965
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$169,949
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$15,449
Insurance	\$0	\$0	\$0	\$0	\$0	\$11,634
Electrical	\$0	\$0	\$0	\$0	\$0	\$24,515
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$99,723
Landscape	\$0	\$0	\$0	\$0	\$0	\$16,618
Water	\$0	\$0	\$0	\$0	\$0	\$14,494
Refuse	\$0	\$0	\$0	\$0	\$0	\$25,204
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,501,186</b>

\* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset