

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.

In the first five years of the capital plan, remaining Public Safety General Obligation bond proceeds are currently being set aside to be used exclusively for expenses related to the city of Glendale joining the Regional Wireless Cooperative (RWC) which includes funding for the purchase of radios for the Fire Department, lifecycle upgrades, narrow-banding and console replacement. The scheduling of upgrades, narrow-banding and replacements are currently being negotiated by members of the RWC and funding needs are subject to change.

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 the last five years of the capital improvement plan, joining Phase II of the Western Public Safety Training Facility.



Project Name: PS Digital Comm. System
Funding Source: G.O. Bond
Fund #: 2040
Project #: 75012



FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail

FUND SUMMARY: 2040-Public Safety Construction **Category: 20%**

	<u>FY 2013:</u>	<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FY 2016:</u>	<u>FY 2017:</u>	<u>FYs 18-22:</u>
Estimated Beginning Balance:	\$2,428,734	\$1,708,891	\$1,626,631	\$1,414,390	\$1,330,469	\$1,088,248
Revenue						
Bond Proceeds	0	0	0	0	0	70,455,000
Investment Income	1,190	959	874	789	695	3,945
Total Revenue:	1,190	959	874	789	695	70,458,945
Operating Expenses						
Advisor Fees	2,000	384	350	316	278	1,578
Total Operating Expenses:	2,000	384	350	316	278	1,578
Project Expenses						
	<u>Carrvover</u>	<u>New Funding</u>				
Existing Assets						
<i>Improvement of Existing Assets</i>						
75012 PS Digital Comm. System	221,492	237,397	82,835	212,766	84,394	242,639
<i>Replacement of Existing Assets</i>						
75024 800MHz Comm Equip	260,144	0	0	0	0	1,937,128
75034 Engine & Ladder Replacement	0	0	0	0	0	3,938,255
T5320 EOC Equipment Replacement	0	0	0	0	0	4,800,612
T5380 Replace HazMat Vehicle	0	0	0	0	0	617,290
T5450 30 Heart Monitors	0	0	0	0	0	822,150
T5539 Replacement of Airpacks	0	0	0	0	0	1,543,110
<i>Sub-Total - Existing Assets</i>	<i>481,636</i>	<i>237,397</i>	<i>82,835</i>	<i>212,766</i>	<i>84,394</i>	<i>242,639</i>
New Assets						
75020 City Court Building	0	0	0	0	0	43,005,399
T5536 Fire Station - Western Area	0	0	0	0	0	12,807,503
<i>Sub-Total - New Assets</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>55,812,902</i>
Total Project Expenses:	481,636	237,397	82,835	212,766	84,394	242,639
Total FY 2013 Funding:	719,033					
Estimated Ending Balance:	\$1,708,891	\$1,626,631	\$1,414,390	\$1,330,469	\$1,088,248	\$5,859

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

FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail



PROJECT DETAIL: 2040-Public Safety Construction **Category: 20%**

Project: 75012 - PS Digital Comm. System (I) **Funding Source:** General Obligation Bonds

Project Description: This project helps fund the city's share of membership in the Regional Wireless Cooperative (RWC) digital communications system (two-way radio). Fees associated with this membership cover the operational and maintenance costs on a per radio basis as well as special assessment fees. Membership in the RWC provides for enhanced service, redundancy and increased coverage for all city departments. Most importantly, interoperability not only within city departments but also valley wide partners is greatly increased. The city's "Gold Elite" consoles will require replacement upon the upgrade to IP-based radio consoles.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Finance Charges	\$3,265	\$4,748	\$1,657	\$4,255	\$1,688	\$19,157	\$19,157
IT/Phone/Security	\$0	\$79,775	\$81,178	\$81,939	\$82,706	\$83,759	\$429,983
Equipment	\$86,446	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Miscellaneous/Other	\$131,781	\$152,874	\$0	\$126,572	\$0	\$139,723	\$419,169
TOTAL	\$221,492	\$237,397	\$82,835	\$212,766	\$84,394	\$242,639	\$2,068,309

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. A supplemental budget request will be submitted once the project is near completion.

Operating Costs:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$1,432,986
TOTAL	\$0	\$0	\$0	\$0	\$0	\$1,432,986

Project: 75024 - 800MHz Comm Equip (R) **Funding Source:** General Obligation Bonds

Project Description: Replacement and/or upgrade of existing 800 MHz radios for the Regional Wireless Cooperative to ensure the department continues to meet Federal Communications Commission requirements for Public Safety radio transmissions as mandated and/or to replace radios that have met or exceeded their life expectancy and to ensure they meet technology upgrades.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$28,628
Equipment	\$260,144	\$0	\$0	\$0	\$0	\$0	\$1,908,500
TOTAL	\$260,144	\$0	\$0	\$0	\$0	\$0	\$1,937,128

Operating Description: O and M includes network fees annually at \$49 per month, per radio for 275 radios. The department will submit a supplemental in the future for the additional O and M. O and M projected start date: August 30, 2017. Annual ongoing O and M before inflationary increases: \$161,700

Operating Costs:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$963,894
TOTAL	\$0	\$0	\$0	\$0	\$0	\$963,894

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



PROJECT 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 should be replaced at seven years or 100,000 miles and be moved into a reserve status. Ladder trucks should be replaced after 15 years or 100,000 miles. The department will maintain a reserve fleet of one reserve truck for every two front line trucks. This CIP request is for a continuous plan for replacement of the department's Code 3 Apparatus in an effort to be compliant with the National Fire Protection Association Standards for emergency apparatus.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$96,055
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$3,842,200
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$3,938,255

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

Project: T5320 - EOC Equipment Replacement (R) **Funding Source:** General Obligation Bonds

Project Description: This project will fund the replacement of telecommunication, audio/visual, computer infrastructure, data storage, radios, and other equipment in the Emergency Operations Center that will enable continued operation of these and future technology based systems. Overall use and evolving technology will require upgrades.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$94,130
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$4,706,482
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$4,800,612

Operating Description: This project will replace existing equipment and systems at the EOC and placed in the technology replacement fund.

Operating Costs:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$4,706,482
TOTAL	\$0	\$0	\$0	\$0	\$0	\$4,706,482

Project: T5380 - Replace HazMat Vehicle (R) **Funding Source:** General Obligation Bonds

Project Description: Replacement of a HazMat vehicle for the hazardous materials team. The current truck will have served its useful life of 10 years by FY 2019.

Capital Costs:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$13,540
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$603,750
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$617,290

Operating Description: No additional O and M is needed since the Hazmat truck will be replacing the current vehicle, which will not be used as a reserve vehicle.

* New Project

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



PROJECT DETAIL: 2040-Public Safety Construction **Category: 20%**

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. New technology also plays a part in how long we can continue to use older equipment. Currently, the department's heart monitors are adequate through FY 2018, at which time they are expected to reach the end of their useful life. Heart monitors are considered a capital expenditure due to the type of equipment requiring to be updated all at the same time; which cannot be phased in when replaced. Personnel must all be able to train and work on the same type, make and model of equipment. The department will continue to seek alternative funding mechanisms such as grants as they become available. Heart monitors are currently on a maintenance contract which will cover the cost to repair or replace a malfunctioned monitor.

<u>Capital Costs:</u>	<u>Carryover</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FYs 18-22</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$12,150
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$810,000
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$822,150

Operating Description: O and M for the heart monitors would be needed starting in FY 2019-2022. O and M includes two batteries a year per unit at (\$225 per battery x 60) and a 3% inflation has been added per year. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs:</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FYs 18-22</u>
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$67,439
TOTAL	\$0	\$0	\$0	\$0	\$0	\$67,439

Project: T5539 - Replacement of Airpacks (R) **Funding Source:** General Obligation Bonds

Project Description: Replacement of self-contained breathing apparatus (SCBAs) or air packs. The current supply is in compliance with National Fire Protection Association Standards through FY 2018. In FY 2018, 150 air packs will be outdated and in need of replacement. The useful life span of SCBAs is 7-10 years. Upgrades were completed in 2009 for all air packs. As components of the air packs fail, the department will repair or replace them using the department operating budget. Air packs are considered a capital expenditure due to the type of equipment requiring to be updated all at the same time; which cannot be phased in when replaced. Personnel must all be able to train and work on the same type, make and model of equipment. The department will continue to seek alternative funding mechanisms such as grants as they become available.

<u>Capital Costs:</u>	<u>Carryover</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FYs 18-22</u>
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$37,637
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,505,473
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$1,543,110

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 \$74,545 is necessary. The \$25,000 for annual maintenance and repair will be needed the year after purchase. A supplemental budget request will be submitted once the project is near completion.

<u>Operating Costs:</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FYs 18-22</u>
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$74,545
TOTAL	\$0	\$0	\$0	\$0	\$0	\$74,545

* New Project

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



PROJECT 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 2018. 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:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$4,742,010
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$31,613,404
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$791,603
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$2,235,868
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$139,968
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$316,134
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$3,166,412
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$43,005,399

Operating Description: O and M would be needed starting in FY 2020 and 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 \$213,800 in one-time expenses in FY 2020 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 \$577,269. O and M costs for additional court positions will also be needed starting in the year the building is occupied. A supplemental budget request will be submitted once the project is near completion.

Operating Costs:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Staffing	\$0	\$0	\$0	\$0	\$0	\$1,453,002
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$693,971
Utilities	\$0	\$0	\$0	\$0	\$0	\$184,533
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$250,966
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$47,056
Insurance	\$0	\$0	\$0	\$0	\$0	\$51,671
Electrical	\$0	\$0	\$0	\$0	\$0	\$1,107,210
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$18,684
Landscape	\$0	\$0	\$0	\$0	\$0	\$27,426
Water	\$0	\$0	\$0	\$0	\$0	\$38,579
Refuse	\$0	\$0	\$0	\$0	\$0	\$22,492
TOTAL	\$0	\$0	\$0	\$0	\$0	\$3,895,590

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

FY 2013-2022 CAPITAL IMPROVEMENT PLAN
Fund Summary and Project Detail



PROJECT 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 areas between Northern Avenue and Camelback Road and 83rd to 115th Avenues. 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:	Carryover	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$2,395,800
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$1,407,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$5,226,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$251,128
IT/Phone/Security	\$0	\$0	\$0	\$0	\$0	\$0	\$156,000
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$0	\$52,260
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,040
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$1,625,775
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$12,807,503

Operating Description: Additional O and M would be needed starting in March of 2019. Staffing includes the salary and benefits for 12 Firefighters, 3 Captains, 3 Engineers and .5 FTE Building Maintenance Worker. Also includes promotions, training, medic pay, station supplies, station and equipment maintenance, telephone charges, 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 services for 15,000 sq ft of space. PC replacement contributions for 3 computers and 1 color printer replacement = \$2,182. Landscaping estimated at \$0.22 per sq ft for 15,000 sq ft. Water estimated at \$0.195 per sq ft. Refuse estimated at \$342.26 x 12 months. A supplemental budget request will be submitted once the project is near completion.

Operating Costs:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FYs 18-22
Staffing	\$0	\$0	\$0	\$0	\$0	\$3,844,622
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$703,502
Utilities	\$0	\$0	\$0	\$0	\$0	\$146,398
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$434,875
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$57,327
Insurance	\$0	\$0	\$0	\$0	\$0	\$36,165
Electrical	\$0	\$0	\$0	\$0	\$0	\$72,695
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$6,282
Landscape	\$0	\$0	\$0	\$0	\$0	\$9,501
Water	\$0	\$0	\$0	\$0	\$0	\$8,421
Refuse	\$0	\$0	\$0	\$0	\$0	\$11,824
TOTAL	\$0	\$0	\$0	\$0	\$0	\$5,331,612

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