



**VOLUME TWO  
CAPITAL BUDGET**



**CITY OF SCOTTSDALE  
ARIZONA**

**ADOPTED  
FY 2011 / 12 BUDGET**





---

# City of Scottsdale, Arizona

## Adopted FY 2011/12 Budget

Capital Improvement Plan - Volume Two

---

### **City Council**

W.J. "Jim" Lane, Mayor  
Lisa M. Borowsky  
Suzanne Klapp  
Robert W. Littlefield  
Ron McCullagh  
Linda Milhaven  
Dennis Robbins

### **Budget Review Commission**

Louis Schmitt, Chair  
Scott Miller, Vice Chair  
Bob Berlese  
Cindi Eberhardt  
Luke Ford  
Graham Kettle  
R. Lamar Whitmer

### **Administrative Staff**

David E. Richert  
City Manager

Brent Stockwell  
Strategic Initiatives Director

David N. Smith  
City Treasurer

Judy McIlroy  
Budget Manager



---

FY 2011/12 Adopted Budget

---

## Table of Contents

### Overview

How to Use this Book	1
Capital Improvement Plan	2

---

### Funding

Source of Funds	7
Use of Funds	10
Fund Summaries	13
Five-Year Financial Plans	14

---

### Project Lists

Capital Improvement Plan – Project List – Alphabetical	15
Capital Improvement Plan – Project List – By Division	23
Capital Improvement Plan – Project List – By Program	31
Capital Improvement Plan Operating Impacts (alphabetical order)	39

---

Community Facilities	41
Drainage/Flood Control	51
Preservation	57
Public Safety	63
Service Facilities	69
Transportation	89
Water Management	121



---

FY 2011/12 Adopted Budget

---

### Five-Year Capital Improvement Plan

This Overview section covers why the City has a multi-year Capital Improvement Plan, the guidelines used to determine whether a project is a capital project, and the City's capital project review process, which includes review teams and prioritization criteria. The CIP prioritization criteria describe in detail the measures used by the City's two separate CIP teams (Construction and Technology) to rate the various proposed construction related and technology related capital projects. The CIP review process also covers senior management's involvement. The funding section is a summary of the various sources of funds and how those funds are used to pay for CIP projects. The funding section concludes with the Five-Year Plan.

### Project List

The Project List section includes four lists:

- Capital Project List – Alphabetical by Project Name – this list summarizes all capital projects in alphabetical order.
- Capital Project List – By Division – this list summarizes all capital projects by City division.
- Capital Project List – By Program - this list summarizes all capital projects by major program.
- Estimated Operating Impacts – This list summarizes the projected operating costs associated with capital projects.

The first three project lists reflect each project's adopted FY 2011/12 budget with the forecasted funding through FY 2015/16. The forecasted funding, which includes FY 2012/13 through FY 2015/16, was not

adopted by City Council as part of the FY 2011/12 budget. This information serves as part of the City's long-term capital plan process and will be revisited and updated in future budget reviews. The Estimated Operating Impacts list includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2011/12 are calculated and included in the Adopted Operating Budget. Following is detailed information arranged by major program on each of the City's capital projects, including Community Facilities, Preservation, Drainage/Flood Control, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes location, project description, funding source(s) and project number, if applicable.

The Capital Budget authorizes and provides the basis for control of expenditures for the acquisition of significant City assets and construction of all capital facilities. A five-year Capital Improvement Plan is developed and updated annually, including anticipated funding sources. Under state law, budget appropriations lapse at the end of the fiscal year. As part of the annual budget development process the City must re-budget the appropriations until the project is complete and capitalized.

The CIP is prioritized based on Mayor and City Council's mission and broad goals, the City's General Plan, Citizens Boards and Commissions, the comprehensive financial policies, debt and capital management policies, long range financial forecasts and growth and development assumptions.

# Capital Improvement Plan

## Recurring Capital Maintenance Projects

Recurring capital maintenance projects reflect the recurring expenditure needs of the City. These projects include budget appropriation for one fiscal year, and are reviewed by the Budget staff as part of the budget development process each year. The desired goal is to close out the projects within one year. The projects may be carried forward into the next fiscal year when their completion requires more time than originally anticipated. The recurring capital maintenance projects are assigned a project number with the prefix "Y".

## Definition of CIP Projects

The following guidelines determine what is a CIP project:

- Relatively high monetary value (at least \$25,000)
- Long life (at least five years)
- Results in creation of a fixed asset, or the revitalization of a fixed asset

Included within the above definition of a CIP project are the following items:

- Construction of new facilities
- Remodeling or expansion of existing facilities
- Purchase, improvement and development of land
- Operating equipment and machinery for new or expanded facilities
- Planning and engineering costs related to specific capital improvements
- Street construction, reconstruction, resurfacing or renovation

In general, automotive and other rolling stock, personal computers, and other equipment not attached to or part of new facilities are not included as a CIP project. The exception to this is when the aggregate dollar amount of all the items are of a considerable value that they are grouped together and considered as a single capital project

## Budget Development Process for Fiscal Year 2011/12 Capital Project Budget and Five-Year Capital Improvement Plan (CIP)

The development of the 2011/12 Capital Project Budget and Five-Year Capital Improvement Plan did not follow the traditional process due to the lingering effects of the recent economic recession. The major issues that affected the development of the budget for the past three years were:

- The economic downturn greatly affected Scottsdale's ability to use "pay-as-you-go" (PAYGO) funding for existing and new projects;
- Development slowdown impacted development impact fee (PAYGO) revenues expected to pay for growth related water and sewer projects; and
- Bond 2000 project progress brings together a close to many projects planned nearly ten years ago and new or additional projects will require additional bond authority.

To address these issues, staff carefully reviewed the capital plan for projects funded with PAYGO that could be responsibly reduced without any direct service impacts or infrastructure failure.

The description of the CIP Review Process that follows is the traditional process that is followed by the City of Scottsdale.

## Traditional CIP Review Process

The City of Scottsdale uses two cross-divisional CIP Review Teams, one for review of construction related projects and the other for review of technology related projects. The Construction Review Team consists of individuals from a variety of service areas and professional disciplines to review project submissions and ensure that:

- Projects are scoped properly (a building has ADA access, includes telephones, computers, etc.)
- Infrastructure components are coordinated (a waterline is installed at the same time as a roadway improvement at a specific location)

# Capital Improvement Plan

- Long-term operating impacts are included in estimates (staffing, utility and maintenance costs are considered)
- Timeframes for construction activity and cash flow requirements are realistic
- Projects are coordinated geographically (i.e., not more than one north/south major thoroughfare is restricted at a time), and
- Project costs are reviewed to determine the adequacy of the budget and appropriate funding sources

The **Technology Review Team** includes individuals from a variety of service areas to review technology project submissions and ensure that:

- Projects meet City's current hardware, software and security standards
- If technology will be accessed from remote locations, what network bandwidth requirements are needed to support the application
- Long-term operating impacts are included in estimates (training, maintenance and support)
- Who is responsible for funding ongoing maintenance of hardware, operating system, application and database, if applicable
- Who is responsible for day-to-day support
- Does the system require after hours technical support
- Includes funding to cover ongoing monthly communication costs associated with the system, if applicable
- Backups and data retention have been considered
- Disaster recovery and security considerations have been taken into account

While these examples are not exhaustive they provide excellent examples of the value added through project review by cross-divisional teams.

Each division is required to submit new funding requests to the Budget Office, who then compiles the information for the applicable CIP review team.

If the review teams have questions concerning a request, the divisions are asked to clarify the issue to assist the review team in prioritizing the projects against all City needs.

After this far-reaching review process, the CIP review teams prioritize the projects. Projects are prioritized based on City Council's broad Goals, division priorities, anticipated funding sources, and during the first review the International City/County Management Association (ICMA) Project Prioritization Matrix as adjusted for the City of Scottsdale is used. The ICMA Prioritization Criteria were obtained from Capital Projects: New Strategies for Planning, Management, and Finance, Copyright 1989, pp 85-87.

**The twelve prioritization criteria used by Scottsdale for construction related projects are:**

1. **Capital Cost** - This element is for the total cost of constructing or installing the proposed work. Of particular concern in assigning a score for this element is the question of what makes a project a high or low priority. The rating range below is used and should not be considered adversely with respect to an individual project:

CAPITAL COST	SCORE
Under \$100,000	5
\$100,000 - \$1,000,000	4
\$1,000,000 - \$5,000,000	3
Over \$5,000,000	2

The rating is simply an acknowledgment of the current financial status of CIP funds. A project that is relatively expensive that should be deemed an overall high priority project will have its rank bolstered by other evaluation elements in which it will receive high rating scores.

2. **Annual Recurring Costs** - The expected change in operation and maintenance costs. Divisions provide year-by-year estimates of the additional costs or reductions likely in the operating budget because of the new project.



## Capital Improvement Plan

Also to be considered are changes in revenues that may be affected by a project, for example, the loss in property taxes incurred when private land is used for a capital project. See Capital Projects Operating Impacts schedule in the Project List section.

3. **Health and Safety Effects** - This criterion includes health-related environmental impacts like reductions/increases in traffic accidents, injuries, deaths, sickness due to poor water quality, health hazards due to sewer problems, etc.
4. **Community and Citizen Benefits** - Economic impacts such as property values, the future tax base, added jobs, income to citizens, changes in business income, and the stabilization (or revitalization) of neighborhoods. Such impacts may apply more to capital projects related to growth and expansion than to infrastructure maintenance although deteriorating structures can adversely affect business.
5. **Environmental, Aesthetic, and Social Effects** - A catch-all criterion for other significant quality-of-life-related impacts, this includes community appearance, noise, air and water pollution effects, households displaced, damage to homes, effect on commuters, changes in recreational opportunities, etc.
6. **Distributional Effects** - Estimates of the number and type of persons likely to be affected by the project and nature of the impact; for instance, explicit examination of project impact on various geographical areas; on low/moderate income areas; and on specific target groups. Equity issues are central here - who pays, who benefits, and the social goals of the jurisdiction.
7. **Public Perception of Need** - This criterion refers to project assessment of (a) the extent of public support; (b) interest group advocacy and/or opposition.
8. **Feasibility of Implementation** - This element is a measure of (a) special implementation problems (i.e., physical or engineering restraints) and (b) compatibility with the General Plan.
9. **Implication of Deferring the Project** - Deferring capital projects is tempting for hard-pressed governments but an estimate of the possible effects, such as higher future costs and inconvenience to the public, provides valuable guidance in proposal assessment.
10. **Uncertainty of Information Supplied** - Amount of uncertainty and risk - For each proposal, each of the above criteria will have associated with it some degree of uncertainty as to cost estimates, effect on service quality, or impact of new procedures. When substantial uncertainties exist regarding any of the evaluation criteria for any proposal, the City should consider estimating, at least in broad terms, the amount of uncertainty — probability of occurrence — and the magnitude of the likely negative consequences. Few cities generate such information but even “educated guesses” are useful here.
11. **Effect on Inter-Jurisdictional Relationships** - Possible beneficial/adverse effects on relationships with other jurisdictions or quasi-governmental agencies in the area constitute this criterion. Such effects, i.e., waste disposal via landfills in other jurisdictions, are likely to require special regional coordination and could impair the proposal’s attractiveness.
12. **Mayor and City Council’s Broad Goals** - If a capital project directly addresses the Mayor and City Council’s Broad Goals, the relative attractiveness of that project increases.

**The ten prioritization criteria used by Scottsdale for technology related projects are:**

# Capital Improvement Plan

- 1. Capital Cost** - This element is for the total cost of constructing or installing the proposed work. Of particular concern in assigning a score for this element is the question of what makes a project a high or low priority. The rating range below is used and should not be considered adversely with respect to an individual project:

CAPITAL COST	SCORE
Under \$100,000	5
\$100,000 - \$1,000,000	4
\$1,000,000 - \$5,000,000	3
Over \$5,000,000	2

Again rating is simply an acknowledgment of the current financial status of CIP funds. A project that is relatively expensive that should be deemed an overall high priority project will have its rank bolstered by other evaluation elements in which it will receive high rating scores.

- 2. Annual Recurring Costs** - This element reflects other costs relative to a proposed project, including operation and maintenance (O&M) costs, licensing costs, and potential revenues generated by the completed project. If a project has potentially high O&M and licensing costs, then a lower rating should be assigned. If a project has the potential of generating revenues, then a higher rating should be assigned. Overall, the score for this element should reflect a compilation of all three factors. See Capital Projects Operating Impacts schedule in the Project List section.
- 3. Technological Infrastructure** - This criterion refers to projects required to maintain the technology infrastructure for essential City operations. This would include such items as networks and servers; telephone PBX, extension or improvements to the Wide Area Network for remote locations, etc. Projects that include elements related to these items would be scored higher than projects that don't support the integrity of the technology infrastructure.
- 4. Service Enhancement And Staff/Citizen Benefits** - This element considers the impacts that a project may have on service and the benefits the project may offer to citizens or staff members. This criterion should be viewed in terms of the numbers of citizens or staff members that may benefit from the project and how a service may be enhanced by the project.
- 5. Distributional (Cross-Divisional) Effects** - This element deals with the extent of influence of a proposed project. The impacts and benefits may be spread over the community at-large, to a specific geographic area, to the entire City staff or to specific City staff at specific locations.  
An example of a project that would receive a higher rating score would be a utility billing project where almost all citizens would benefit from the project and some staff members also benefit. Compare this to a transit technology project that targets a specific population, and benefits a limited number of staff members.
- 6. Feasibility of Implementation** - This element is a measure of: (a) special implementation problems, i.e. physical and engineering restraints and (b) compatibility with the City's overall Technology Plan. A project would be considered for a higher rating score if it has few restraints to accomplish it and is also compatible with the overall Technology Plan.
- 7. Implication of Deferring the Project** - This element accounts for the downside risk incurred for deferring a project, such as higher future costs, loss of contributions, continued inconvenience to the public and staff, possible constraints to network capacity, deterioration of the City's technology infrastructure or legal liability. In this evaluation, increased implications for delaying a project translates into a higher rating score.

## Capital Improvement Plan

Projects that address the limitations of a system or software package that may render a system unusable if corrective measures are not taken would score high for this element. In addition, a lower-score might be in order if future lower-costs associated with technology would come into the equation.

- 8. Uncertainty of Information Supplied** - This element measures the success potential of a proposed project. Rating scores should be awarded based on the accuracy of information given by the proposing division, the detail of cost estimates, and the potential of the project going awry due to its very nature. Lower rating scores will be assigned for projects that, basically, have insufficient information to allow a “good” review of the project for prioritization.
- 9. Effect on Regional Governance** - Rating scores should be determined based on the possible beneficial or adverse effects on a proposed project due to relationships with other jurisdictions or quasi-governmental agencies in the area. Such effects may require special regional coordination that could directly impact the success or scheduling of a project. The identification of such impacts may result in lower rating scores until such issues are resolved.
- 10. Mayor and City Council’s Broad Goals** - The question to answer is simply “does it or doesn’t it” and, if the proposed project does, to what degree are the Mayor and City Council’s Broad Goals being met?

The Construction Review Team and the Technology Review Team forward their prioritization results to the CIP Advisory Team and the Technology Board for the next phase of review. These two groups include senior management and key staff members who provide an enterprise-wide view for synergy and priority while balancing project requests against

known City Council objectives. After their review is completed, members of the CIP Advisory Team and the Technology Board present the recommended five-year CIP to the City Manager and City Treasurer. Both review the recommended five-year CIP, applying a policy perspective while considering Citywide needs. In February 2009 Council established the Budget Review Commission as an advisory board on matters related to the budget. This group has become part of the traditional CIP review process. The Budget Review Commission and the full City Council review and recommend the five-year CIP plan during budget work/study sessions and public hearings prior to budget adoption.

### Operational Impacts

The operating impacts of capital projects are analyzed and taken into consideration during the extensive CIP prioritization process. Estimated new revenues and/or operational expenditure savings associated with capital projects are also taken into consideration (net operating costs) during the capital project review. As capital improvement projects are completed, the operating costs of these projects have been identified, prioritized, and justified as part of divisional Operating Budget process. Divisional staff plan and budget for the significant start-up costs, as well as the operation and maintenance of new facilities. The Operating Budget authorizes and provides the basis for control of operating expenditures for both internal and citizen services, including operating and maintaining new capital facilities. The Operating Budget appropriations lapse at the end of the fiscal year. The Operating Budget is funded with recurring annual revenues such as taxes, licenses, fines, user fees, and interest income.

### Capital Improvement Plan - Source of Funds

The Capital Improvement Plan (CIP) uses funding from prior year carryovers. Prior year carryovers are “blended” funding from the various funding sources described below. For FY 2011/12 – 2015/16 the funding added to the prior year carryovers includes the 2000 voter-approved bonds and Preservation General Obligation (G. O.) Bonds. These G. O. Bonds, together with Municipal Property Corporation (MPC) Bonds, provide the bond-funded portion of the plan, which is approximately 5% of the CIP funding in FY 2011/12 – 2015/16. Approximately 95% of Scottsdale’s FY 2011/12 – 2015/16 CIP is funded with “pay-as-you-go” revenues which include development fees, dedicated sales tax revenues and contributions from fund balance transfers. The pie chart at the end of this section represents funding source percentages for FY 2011/12 – 2015/16.

Funding sources for the CIP are presented on a cash flow basis. These revenue sources are presented in the period that the revenue is expected to be collected. Funding sources include estimated balances on hand at the beginning of the period as well as revenue expected to be received during the period or future periods, i.e. bond issuances. As a result of presenting revenue on the cash basis, pay-as-you-go funding sources do not equal budgeted expenditures in each period, sometimes creating a fund deficit as cash accumulates for project expenditures in subsequent years.

All potential capital funding resources are evaluated to ensure equity of funding for the CIP. Equity is achieved if the beneficiaries of a project or service pay for it. For example, general tax revenues and/or G.O. Bonds appropriately pay for projects that benefit the general public as a whole. User fees, development fees, and/or contributions pay for projects that benefit specific users. Other factors considered when funding the capital plan are whether the financing method provides funding when needed and the financial costs associated with the funding source. The following summarizes the funding sources for the CIP.

### General Obligation (G.O.) Bonds and Municipal Property Corporation (MPC) Bonds

**Bond 2000** are General Obligation Bonds that were authorized by voters in calendar year 2000 and are secured by the full faith and credit of the issuer. General Obligation Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power, and must be authorized by the electorate.

**G.O. Bonds General** are bonds secured by the full faith and credit of the issuer. G.O. Bonds issued by local units of government are secured by a pledge of the issuer’s property taxing power (secondary portion). They are usually issued to pay for general capital improvements such as parks and roads.

**G.O. Preserve** represent excise tax revenue bonds and G.O. Bonds. The bonds are special revenue obligations of the Scottsdale Preserve Authority payable either (1) solely from and secured by a 0.2% sales tax approved by City Voters in 1995 and issued for the purpose of acquiring land for the McDowell Sonoran Preserve; or (2) solely from and secured by a 0.15% sales tax approved by City Voters in 2004 and issued for the purpose of acquiring land and preserve-related construction, such as proposed trailheads for the McDowell Sonoran Preserve.

**MPC Bonds - Water and Sewer** represents bonds issued by the Municipal Property Corporation (MPC), a non-profit corporation established to issue bonds to fund City capital improvements. The debt incurred by the corporation is a City obligation, but does not require voter approval. Pledged revenue streams, in this instance water and sewer rates, finance the repayment of MPC debt.

## Source of Funds

**MPC Bonds** are issued by the Municipal Property Corporation, a non-profit corporation established to issue bonds to fund City capital improvements. The debt incurred by the corporation is a City obligation, but does not require voter approval. Pledged revenue streams, in this instance excise taxes, finance the repayment of MPC debt.

### Development Contributions

**Water & Water Reclamation Development Fees** are revenues received from developers when new construction developments are made. These fees are based upon the increased costs of providing additional infrastructure and services in the development areas.

**Other Contributions** represent amounts paid by other organizations to pay for capital projects. Other contributions come from developers to pay for capital projects in development areas, the Maricopa County Flood Control District (FCD), and the Arizona Department of Transportation (ADOT), to name a few.

### Enterprise Funds

**Water & Water Reclamation Rates** are utility bill revenues received from the sale of domestic water and the fees collected for water reclamation within the City. Water & Water Reclamation operating revenues in excess of operating expenditures are transferred to the CIP to fund water and water reclamation capital improvement projects.

**Aviation Fees** represent fee revenues received from users of the City's municipal airport and related facilities. Fees paid include transient landing fees, tie down fees, hangar fees, etc.

**Solid Waste Rates** represent utility bill revenues received for the collection and disposal of solid waste from residential and commercial customers.

### Internal Service Funds

**Internal Service Funds** represent revenues received for services provided to internal customers. The City has one CIP internal service funds (Fleet Fund). Fleet rates represent revenues from the City's Fleet Fund and per financial policy are restricted to use for improvements to facilities providing maintenance services to the City's rolling stock, the replacement of rolling stock, and the administration of the service.

### Transportation

**Highway User Revenue Fund (HURF)** represents the City's allocation of the Arizona Highway User Revenue Tax and other transportation related revenues. The amount available to each City is allocated based on population, which is determined by the latest federal census. These monies must be used for street construction, reconstruction or maintenance.

**Transportation Privilege Tax** represents revenues received from the 1989 voter approved 0.2% sales tax on local retail and other sales.

**Prop 400 Regional Transportation Sales Tax** represents revenues received from the 2004 voter approved 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction (Proposition 400).

## Source of Funds

### Preserve

**Preservation Privilege Tax Fund** represents revenues received from the 1995 voter approved 0.2% sales tax on local retail and other sales and is dedicated to purpose of acquiring land for the McDowell Sonoran Preserve and revenues received from the 2004 voter approved 0.15% sales tax on local retail and other sales and is dedicated to purpose of acquiring land and construction of essential preserve related necessities such as proposed trailheads for the McDowell Sonoran Preserve.

### Interest/Other

**Interest Earnings** represents interest earnings on cash balances on hand in the General Fund Capital Improvement Fund. The amount of interest earned on funding sources other than bond proceeds is allocated to capital improvement projects that do not have a dedicated funding source.

**Grants** represent revenues received from federal or state sources. Most grants require a matching funding source with the percentage of the match dependant on grant requirements. The funding is restricted in use to the improvements requested and approved in the grant application.

**Extra-Capacity Development Fee** represents fees paid by developers to pay for the extra-capacity demands they put on current water and sewer infrastructure when developing raw land or renovating existing development and intensifying water and sewer needs.

**Miscellaneous** funding represents revenues from several sources (groundwater treatment, reclaimed water distribution, and in-lieu fees) that are aggregated for reporting purposes.

**Special Programs Fund** represents revenues from dedicated funding sources and donations earmarked for specific purposes (i.e., Racketeering Influenced Corrupt Organization (RICO), Court Enhancement Fund (CEF)).

**Prior year Carryovers** are committed funds from prior year purchase orders that are re-budgeted until they are expended and uncommitted funds re-budgeted until the projects are completed.

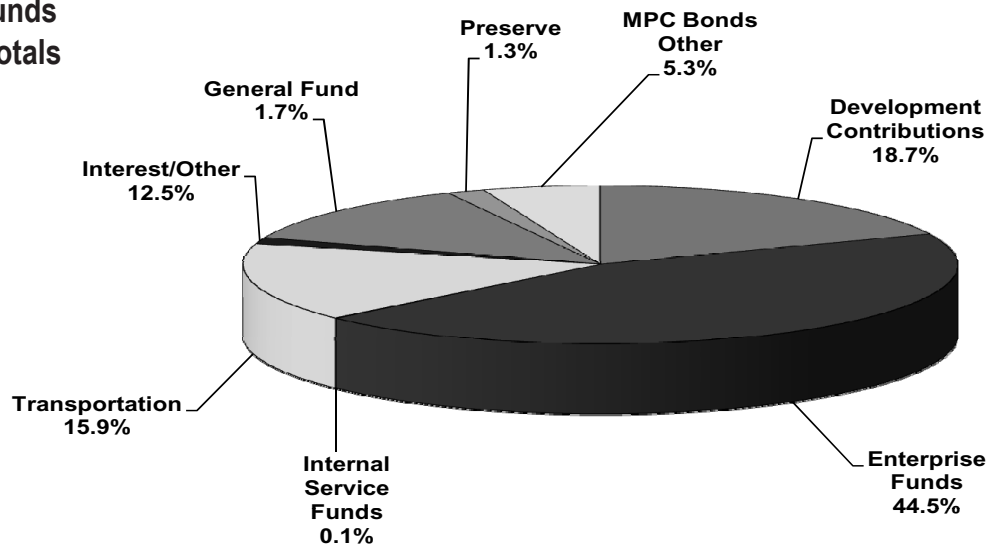
### General Fund

**General Fund** represents the transfer of cash from the General Fund to fund the “pay-as-you-go” contributions from general revenues for capital projects without a dedicated funding source, such as Bond 2000 or Transportation Sales Tax.

## FY 2011/12 Capital Improvement Plan

### Source of Funds

### Percent of Totals



## Use of Funds

### Capital Improvement Plan - Use of Funds

The Capital Improvement Plan (CIP) is comprised of seven major programs:

- Community Facilities
- Preservation
- Drainage /Flood Control
- Public Safety
- Service Facilities
- Transportation
- Water Management

The Use of Funds pie chart represents the percentages for each major program.

Expenditures are presented on a budget basis rather than a cash flow basis. Governmental budgeting procedures require adequate budget to pay for the entire contract to be available and appropriated in the period in which a contract is entered into by the City. However, actual cash flows (expenditures) under the contract generally take place over more than one year and match cash flow funding receipts.

The following summarizes the seven major programs that comprise the total Capital Improvement Plan.

**Community Facilities** programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreations facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 4.4% of the CIP has been identified to address the needs of this program.

**Preservation** focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert.

The 1998 election expanded the recommended study boundary from the original 12,876 acres to 36,400 acres. The 2004 election provided an additional revenue stream (0.15% sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 32.3% of the CIP has been identified to address this program.

**Drainage & Flood Control** focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained; and coordinating planning to balance infrastructure and resource needs within the budget. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 10.1% of the CIP has been identified to address the drainage and flood control needs of the City.

**Public Safety** focuses on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained. This goal is met by providing fire and police stations, training facilities and automation and communication systems related to fire and police operations. Approximately 1.8% of the CIP has been identified to address the public safety needs of the City.

## Use of Funds

**Service Facilities** programs focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the City. Approximately 2.4% of the CIP has been identified to address this program.

**Transportation** programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2% privilege tax to fund transportation operations and improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction.

This program looks for the best use of these funding sources and addresses the multimodal concept. Approximately 22.4% of the CIP has been identified to address the transportation needs of the City.

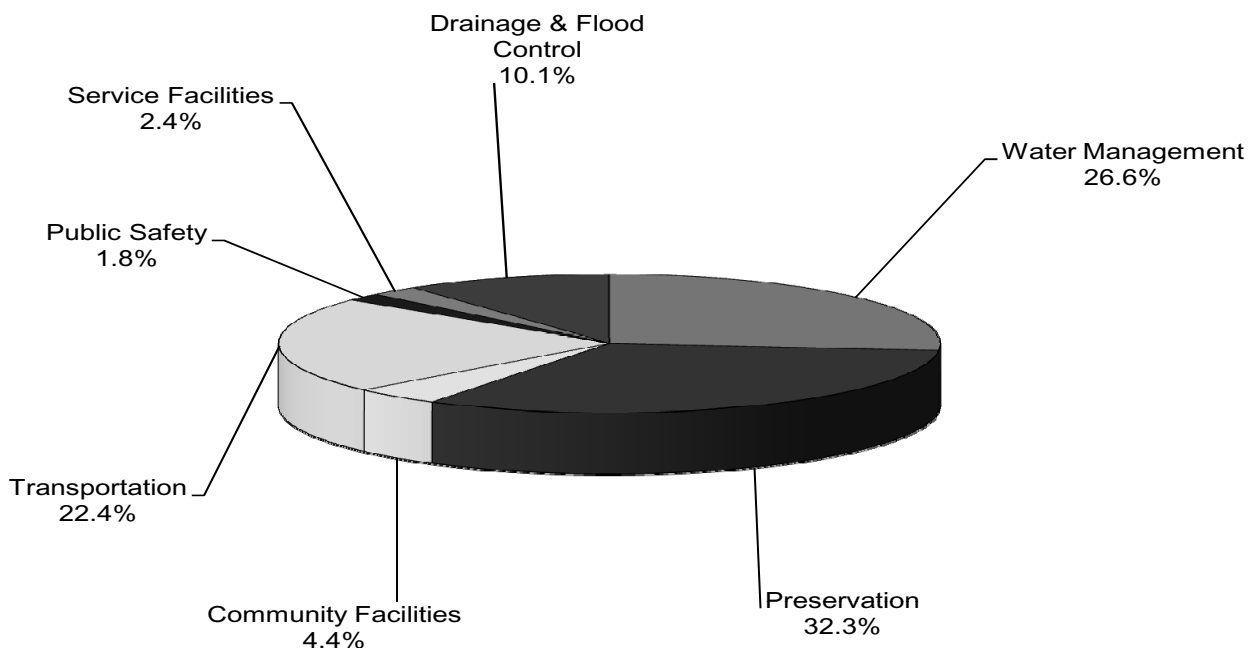
**Water Management** focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safer, reliable water and providing w services. This program also reflects the City's commitment to federal and state regulations. Approximately 26.6% of the CIP has been identified to address the water and water reclamation needs of the City.

---

### FY 2011/12 Capital Improvement Plan

#### Use of Funds

Percent of Total - \$572,405,600 \*



\* Excludes Capital and Grant Contingency of \$56.8 million.



## Use of Funds

### Capital Improvement Plan - Use of Funds In Thousands of Dollars

Major Programs	2011/12	2012/13	2013/14	2014/15	2015/16
Community Facilities	\$ 24,569.5	\$ 5,891.0	\$ 112.0	\$ 112.0	\$ 112.0
Preservation	\$ 185,151.7	\$ 325.0	\$ -	\$ -	\$ -
Drainage & Flood Control	\$ 57,934.2	\$ 8,280.2	\$ 80.0	\$ 80.0	\$ 80.0
Public Safety	\$ 10,205.6	\$ 623.8	\$ 747.0	\$ 970.2	\$ 553.2
Service Facilities	\$ 13,662.4	\$ 1,896.7	\$ 2,458.5	\$ 3,833.2	\$ 3,289.9
Transportation	\$ 128,371.8	\$ 47,211.9	\$ 34,124.1	\$ 25,921.0	\$ 11,125.0
Water Management	\$ 152,510.4	\$ 23,675.0	\$ 43,400.0	\$ 46,900.0	\$ 22,050.0
<b>Total Expenditures (a)</b>	<b>\$ 572,405.6</b>	<b>\$ 87,903.6</b>	<b>\$ 80,921.6</b>	<b>\$ 77,816.4</b>	<b>\$ 37,210.1</b>
<b>Prior Year Unexpended (b)</b>	<b>\$ 372,999.9</b>	<b>\$ 319,655.2</b>	<b>\$ 319,655.2</b>	<b>\$ 308,119.9</b>	<b>\$ 287,069.6</b>
<b>Unexpended at Year End (Re-budgets) (c)</b>	<b>\$ (372,999.9)</b>	<b>\$ (319,655.2)</b>	<b>\$ (308,119.9)</b>	<b>\$ (287,069.6)</b>	<b>\$ (273,840.5)</b>
<b>Transfers out to CIP General Fund (d)</b>	<b>\$ 1,203.0</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Transfers out to Operating General Fund (e)</b>	<b>\$ 868.8</b>	<b>\$ 417.3</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Transfers out to Debt Services (f)</b>	<b>\$ 16,820.4</b>	<b>\$ 18,670.5</b>	<b>\$ 20,565.7</b>	<b>\$ 21,787.1</b>	<b>\$ 22,895.9</b>
<b>Total Use of Funds</b>	<b>\$ 218,297.9</b>	<b>\$ 160,336.0</b>	<b>\$ 113,022.6</b>	<b>\$ 120,653.8</b>	<b>\$ 73,335.1</b>

(a) Excludes Capital and Grant Contingency of \$56.8 million in FY 2011/12 and \$9.5 million annually in subsequent years.  
(\$4.5 million Capital Contingency and \$5.0 million Grant Contingency)

(b) Prior year unexpended estimates are based on annual cashflow assumptions.

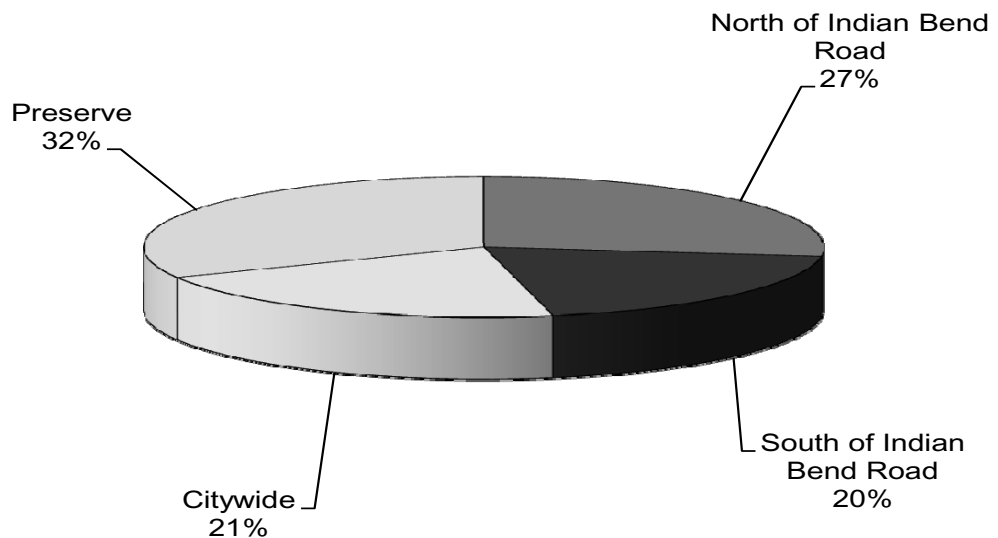
(c) Unexpended at year end (rebudgets) estimates are based on annual cashflow assumptions.

(d) Transfers out to CIP General Fund originate from CIP Fleet Fund and CIP Transportation Fund.

(e) Transfers out to Operating General Fund relate to the Arts in Public Places project that does not meet the criteria of a capital project and was moved to the operating budget in FY 2010/11.

(f) Includes payments to the debt service costs of bonds that were issued to cover expenditures of CIP projects for which revenue was not yet available to the City.

### FY 2011/12 Capital Improvement Plan Use of Funds - Geographic Boundary Percent of Total - \$572,405,600 \*



# Fund Summaries

	Actual 2009/10	Adopted 2010/11	Forecast 2010/11	Adopted 2011/12
<b>Source of Funds:</b>				
<b>Beginning Fund Balance</b>	<b>180,930.3</b>	<b>296,006.8</b>	<b>235,402.2</b>	<b>173,113.8</b>
<b>Revenues:</b>				
Bonds/Contracts				
Bond Proceeds	50,800.0	-	-	-
General Obligation	-	-	-	-
General Obligation Preserve	-	200,000.0	22,525.0	-
Municipal Properties Corporation	-	-	-	13,750.0
Lease Agreement	-	-	20,000.0	-
Pay-As-You-Go				
Water & Water Reclamation Development Fees	-	3,410.0	3,172.6	3,410.0
Regional Transportation Sales Tax (Prop 400)	-	50,184.9	22,298.4	24,311.0
Grants	3,351.2	25,208.7	41,534.5	31,160.2
Intergovernmental	3,548.7	-	-	-
In-Lieu Fees	-	37.0	151.7	153.8
Other Contributions	2,097.2	21,284.0	1,037.6	16,960.0
Interest Earnings	4,272.9	2,006.8	1,808.6	1,029.5
Miscellaneous <sup>(A)</sup>	(781.2)	-	-	-
<b>Subtotals</b>	<b>63,288.9</b>	<b>302,131.4</b>	<b>112,528.4</b>	<b>90,774.5</b>
<b>Transfers In</b>				
General Fund	11,923.7	2,239.2	1,977.0	2,000.0
Transportation Fund	7,514.5	7,707.0	7,644.0	7,675.5
Transportation Privilege Tax CIP Fund	-	-	432.0	103.0
Preservation Privilege Tax Funds	5,922.6	-	804.1	5,110.0
Bed Tax	-	-	175.0	1,815.5
GO Bond	22,174.8	-	-	-
Special Programs Fund	1,023.4	1,588.7	1,297.1	3,091.8
Aviation Fund	243.1	1,584.2	1,583.2	650.9
Water & Water Reclamation Fund	108,480.6	47,062.0	25,907.8	92,413.7
Solid Waste Fund	31.6	1,469.4	1,467.5	477.0
Fleet Fund	666.9	31.2	29.2	8.3
Fleet Capital Project Fund	-	-	-	1,100.0
Internal Service Funds	36.2	10.2	7.2	2.3
<b>Subtotals</b>	<b>158,017.3</b>	<b>61,691.9</b>	<b>41,324.0</b>	<b>114,448.0</b>
<b>Total Revenues &amp; Transfers In</b>	<b>221,306.2</b>	<b>363,823.3</b>	<b>153,852.4</b>	<b>205,222.5</b>
<b>Total Sources of Funds</b>	<b>402,236.5</b>	<b>659,830.1</b>	<b>389,254.6</b>	<b>378,336.3</b>
<b>Use of Funds:</b>				
<b>Program Expenditures</b>				
Community Facilities	14,924.3	37,742.6	9,178.1	24,569.5
Preservation	7,928.0	208,232.7	46,185.9	185,151.7
Drainage & Flood Control	1,498.4	44,625.4	4,536.7	57,934.2
Public Safety	5,171.6	20,597.1	5,041.5	10,205.6
Service Facilities	21,944.9	18,354.9	20,422.6	13,662.4
Transportation	30,629.4	167,610.6	45,187.6	128,371.8
Water Management	36,505.6	180,506.5	62,610.4	152,510.4
Prior Year Unexpended <sup>(B)</sup>	-	-	-	-
<b>Subtotal</b>	<b>118,602.2</b>	<b>677,669.8</b>	<b>193,162.9</b>	<b>572,405.6</b>
<b>Less: Estimated Capital Improvement Expenditures</b>	-	<b>(237,184.4)</b>	-	<b>(199,405.7)</b>
<b>Subtotal: Unexpended at Year End</b>	-	<b>440,485.4</b>	-	<b>372,999.9</b>
<b>Transfers Out</b>				
CIP General Fund	9,048.5	-	432.0	1,203.0
Operating General Fund	-	3,571.8	3,572.0	868.8
Fleet Capital Project Fund	1,352.8	-	-	-
General CIP Fund - Bond Exp Reimb	9,412.5	-	-	-
Transp Privilege Tax CIP Fund - Bond Exp Reimb	12,758.2	-	-	-
CIP Water & Water Reclamation Funds	14,676.7	-	-	-
Grant Fund	10.0	-	-	-
Preservation Privilege Tax Funds	655.6	-	-	-
Transportation Fund	154.2	249.0	249.0	889.0
Aviation Operating	-	-	-	2,000.0
Aviation CIP	(0.1)	-	-	-
Water & Water Reclamation Operating Funds	-	15,689.3	18,724.9	18,114.9
RWDS	163.8	-	-	-
<b>Subtotal</b>	<b>48,232.2</b>	<b>19,510.1</b>	<b>22,977.9</b>	<b>23,075.7</b>
<b>Total Use of Funds</b>	<b>166,834.3</b>	<b>256,694.5</b>	<b>216,140.8</b>	<b>222,481.5</b>
<b>Ending Fund Balance</b>				
Capital Grant Contingency <sup>(C)</sup>	-	5,000.0	4,452.3	5,000.0
Capital Airport Grant Contingency <sup>(C)</sup>	-	5,500.0	5,500.0	5,950.0
Capital Water Contingency <sup>(C)</sup>	-	10,000.0	10,000.0	10,000.0
Bond 2010 Contingency	-	10,000.0	10,000.0	-
Tourism Related Project Contingency <sup>(D)</sup>	-	-	-	29,315.5
<b>Reserved:</b>				
Capital General Contingency <sup>(E)</sup>	5,540.0	4,500.0	3,815.4	6,500.0
Reserved Fund Balance	229,862.2	368,135.6	139,346.1	99,089.4
<b>Total Ending Fund Balance</b>	<b>235,402.2</b>	<b>403,135.6</b>	<b>173,113.8</b>	<b>155,854.9</b>

(A) Amount represents receivables for deferred revenue

(B) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) or by program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

(C) Capital Grant Contingency, Capital Airport Grant Contingency and Capital and Water Contingency are unfunded contingencies that allow for the expenditure of unanticipated revenues and is not included in the beginning or ending fund balance. City Council approval is required before making expenditures from capital contingencies.

(D) The Tourism Related Project Contingency is for planned expenditures, and revenue assumes transfers-in from the Bed Tax and MPC bond issuance pending Council approval to create new project(s).

(E) The unused portion of the FY 2011/12 Capital Contingency will carry forward in the five year CIP financial plan up to \$4.5 million. The annual \$4.5 million Capital Contingency in 2012/13 to FY 2015/16 is used for planning purposes and does not represent additional cumulative funding of \$18.0 million (i.e. 4 yrs x \$4.5 million). Only the portion of the contingency amount used and replenished in a fiscal year is considered contingency funding.

# Five Year Financial Plans

	Adopted 2011/12	Forecast 2012/13	Forecast 2013/14	Forecast 2014/15	Forecast 2015/16
<b>Source of Funds:</b>					
<b>Beginning Fund Balance</b>	<b>173,113.8</b>	<b>155,854.9</b>	<b>127,055.2</b>	<b>96,888.9</b>	<b>71,674.4</b>
<b>Revenues:</b>					
Bonds/Contracts	-	-	-	-	-
Bond Proceeds	-	-	-	-	-
General Obligation	-	-	-	-	-
General Obligation Preserve	-	-	-	-	-
Municipal Properties Corporation	13,750.0	19,529.0	-	-	-
Lease Agreement	-	-	-	-	-
Pay-As-You-Go	-	-	-	-	-
Water & Water Reclamation Development Fees	3,410.0	5,512.9	7,420.2	9,125.9	11,402.1
Regional Transportation Sales Tax (Prop 400)	24,311.0	10,137.7	7,706.1	17,127.9	-
Grants	31,160.2	14,189.3	5,367.5	5,745.4	2,123.4
Intergovernmental	-	-	-	-	-
In-Lieu Fees	153.8	156.0	158.3	160.7	163.1
Other Contributions	16,960.0	21,228.2	5,156.0	4,056.0	32,351.3
Interest Earnings	1,029.5	1,348.4	2,605.7	3,577.8	3,966.9
Miscellaneous <sup>(A)</sup>	-	-	-	-	-
<b>Subtotals</b>	<b>90,774.5</b>	<b>72,101.5</b>	<b>28,413.8</b>	<b>39,793.7</b>	<b>50,006.8</b>
<b>Transfers In</b>					
General Fund	2,000.0	1,998.0	2,008.0	2,018.1	2,028.2
Transportation Fund	7,675.5	7,822.9	8,014.4	8,250.2	8,506.4
Transportation Privilege Tax CIP Fund	103.0	-	-	-	-
Preservation Privilege Tax Funds	5,110.0	2,975.0	100.0	50.0	-
Bed Tax	1,815.5	579.2	-	-	-
GO Bond	-	-	-	-	-
Special Programs Fund	3,091.8	48.6	78.5	95.0	72.2
Aviation Fund	650.9	2,496.2	85.9	144.2	45.7
Water & Water Reclamation Fund	92,413.7	44,491.0	45,386.6	46,164.6	45,915.4
Solid Waste Fund	477.0	309.1	7.4	10.0	8.9
Fleet Fund	8.3	8.4	10.1	13.9	12.3
Fleet Capital Project Fund	1,100.0	-	-	-	-
Internal Service Funds	2.3	2.2	2.8	3.9	3.4
<b>Subtotals</b>	<b>114,448.0</b>	<b>60,730.6</b>	<b>55,693.7</b>	<b>56,749.9</b>	<b>56,592.5</b>
<b>Total Revenues &amp; Transfers In</b>	<b>205,222.5</b>	<b>132,832.1</b>	<b>84,107.6</b>	<b>96,543.5</b>	<b>106,599.3</b>
<b>Total Sources of Funds</b>	<b>378,336.3</b>	<b>288,686.9</b>	<b>211,162.7</b>	<b>193,432.4</b>	<b>178,273.7</b>
<b>Use of Funds:</b>					
<b>Program Expenditures</b>					
Community Facilities	24,569.5	5,891.0	112.0	112.0	112.0
Preservation	185,151.7	325.0	-	-	-
Drainage & Flood Control	57,934.2	8,280.2	80.0	80.0	80.0
Public Safety	10,205.6	623.8	747.0	970.2	553.2
Service Facilities	13,662.4	1,896.7	2,458.5	3,833.2	3,289.9
Transportation	128,371.8	47,211.9	34,124.1	25,921.0	11,125.0
Water Management	152,510.4	23,675.0	43,400.0	46,900.0	22,050.0
Prior Year Unexpended <sup>(B)</sup>	-	372,999.9	319,655.2	308,119.9	287,069.6
<b>Subtotal</b>	<b>572,405.6</b>	<b>460,903.5</b>	<b>400,576.8</b>	<b>385,936.3</b>	<b>324,279.7</b>
<b>Less: Estimated Capital Improvement Expenditures</b>	<b>(199,405.7)</b>	<b>(141,248.2)</b>	<b>(92,457.0)</b>	<b>(98,866.7)</b>	<b>(50,439.2)</b>
<b>Subtotal: Unexpended at Year End</b>	<b>372,999.9</b>	<b>319,655.2</b>	<b>308,119.9</b>	<b>287,069.6</b>	<b>273,840.5</b>
<b>Transfers Out</b>					
CIP General Fund	1,203.0	-	-	-	-
Operating General Fund	868.8	417.3	-	-	-
Fleet Capital Project Fund	-	-	-	-	-
General CIP Fund - Bond Exp Reimb	-	-	-	-	-
Transp Privilege Tax CIP Fund - Bond Exp Reimb	-	-	-	-	-
CIP Water & Water Reclamation Funds	-	-	-	-	-
Grant Fund	-	-	-	-	-
Preservation Privilege Tax Funds	-	-	-	-	-
Transportation Fund	889.0	-	-	-	-
Aviation Operating	2,000.0	-	-	-	-
Aviation CIP	-	-	-	-	-
Water & Water Reclamation Operating Funds	18,114.9	19,966.2	21,816.9	22,891.3	24,033.6
RWDS	-	-	-	-	-
<b>Subtotal</b>	<b>23,075.7</b>	<b>20,383.5</b>	<b>21,816.9</b>	<b>22,891.3</b>	<b>24,033.6</b>
<b>Total Use of Funds</b>	<b>222,481.5</b>	<b>161,631.7</b>	<b>114,273.9</b>	<b>121,758.0</b>	<b>74,472.8</b>
<b>Ending Fund Balance</b>					
Capital Grant Contingency <sup>(C)</sup>	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0
Capital Airport Grant Contingency <sup>(C)</sup>	5,950.0	-	-	-	-
Capital Water Contingency <sup>(C)</sup>	10,000.0	-	-	-	-
Bond 2010 Contingency	-	-	-	-	-
Tourism Related Project Contingency <sup>(D)</sup>	29,315.5	-	-	-	-
<b>Reserved:</b>					
Capital General Contingency <sup>(E)</sup>	6,500.0	4,500.0	4,500.0	4,500.0	4,500.0
Reserved Fund Balance	99,089.4	117,555.2	87,388.9	62,174.4	94,300.9
<b>Total Ending Fund Balance</b>	<b>155,854.9</b>	<b>127,055.2</b>	<b>96,888.9</b>	<b>71,674.4</b>	<b>103,800.9</b>

(A) Amount represents receivables for deferred revenue

(B) Prior year unexpended sources and uses of funds are estimated and included in Beginning Fund Balance (Sources) or by program (Uses). Prior year unexpended uses are based on annual cashflow estimates.

(C) Capital Grant Contingency, Capital Airport Grant Contingency and Capital and Water Contingency are unfunded contingencies that allow for the expenditure of unanticipated revenues and is not included in the beginning or ending fund balance. City Council approval is required before making expenditures from capital contingencies.

(D) The Tourism Related Project Contingency is for planned expenditures, and revenue assumes transfers-in from the Bed Tax and MPC bond issuance pending Council approval to create new project(s).

(E) The unused portion of the FY 2011/12 Capital Contingency will carry forward in the five year CIP financial plan up to \$4.5 million. The annual \$4.5 million Capital Contingency in 2012/13 to FY 2015/16 is used for planning purposes and does not represent additional cumulative funding of \$18.0 million (i.e. 4 yrs x \$4.5 million). Only the portion of the contingency amount used and replenished in a fiscal year is considered contingency funding.

# Five-Year Capital Improvement Plan

## FY 2011/12 - 2015/16 Sorted by Alphabetical

(In thousands of dollars)

The **Project List** section includes four lists. The first list summarizes all capital projects in alphabetical order. The second list summarizes all capital projects by City division. The third list summarizes all capital projects by program. The fourth list summarizes the projected operating costs associated with capital projects. The first three project lists reflect each project's adopted FY 2011/12 budget with the forecasted funding through FY 2015/16. The forecasted funding, which includes FY 2012/13 through FY 2015/16, was adopted by City Council as part of the FY 2011/12 budget adoption. This information serves as part of the City's long-term capital plan process and will be revisited and updated in future budget reviews. The Estimated Operating Impacts list includes a four-year summary of the projected operating costs associated with capital projects. The operating impacts for projects completed prior to or during FY 2011/12 are calculated and included in the Adopted Operating Budget. Following the four lists are project descriptions which include detailed information arranged by major program on each of the City's capital projects, including Community Facilities, Preservation, Drainage/Flood Control, Public Safety, Service Facilities, Transportation and Water Management. The detailed information includes project location, project description, funding source(s) and project number, if applicable.

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
Z0901	Acquisition of Service Area from AZ American Water Company	-	10,000.0	-	-	-	10,000.0	130
A1101	ADA Facility Compliance	-	25.0	-	-	-	25.0	92
D0812	Additional and Upgraded RVs	(94.2)	190.0	-	-	-	190.0	43
V0901	Advanced Water Treatment Plant - Phase 4	(38,589.4)	59,300.0	-	-	-	59,300.0	123
S1103	Airpark Area Access Projects Phase I	-	2,775.0	4,193.0	11,848.0	12,986.0	31,802.0	99
A0509	Airport - Future Grants	-	5,500.0	-	-	-	5,500.0	92
A0706	Airport Master Plan	(100.7)	550.7	-	-	-	550.7	92
A0710	Airport Pavement Preservation Program	(469.0)	623.0	75.0	-	-	698.0	93
A0901	Airport Runway Resurfacing Project	(2,718.1)	2,000.0	-	-	-	2,000.0	93
A0903	Airport Security System Improvements	(0.1)	150.0	200.0	-	-	350.0	93
A1102	Airport Sweeper Replacement	(187.4)	190.0	-	-	-	190.0	93
A1202	Airport Terminal Area Signage Upgrade	-	200.0	-	-	-	200.0	94
TEMP972	Apron Reconstruction - Delta Apron	-	-	300.0	2,700.0	-	3,000.0	94
A0709	Apron Reconstruction - Landmark and Transient	(87.3)	7,563.2	-	-	-	7,563.2	94
S1102	Arizona Canal - 64th Street to Goldwater Blvd.	-	300.0	-	-	-	300.0	99
G1201	Arizona Canal - 64th Street to Goldwater Blvd. - Grant	-	2,323.8	-	-	-	2,323.8	99
TEMP738	Arizona Canal Path: McDonald to Indian Bend Wash	-	-	-	2,661.7	-	2,661.7	109
TEMP692	Arizona Canal Path-Chaparral to McDonald	-	-	2,100.0	-	-	2,100.0	109
A0504	Aviation Grant Match Contingency	-	450.0	-	-	-	450.0	94
P1104	Ballfield Netting Safety Improvement	(93.6)	98.0	-	-	-	98.0	48
* Y1228	Bikeways Program	-	500.0	500.0	750.0	750.0	3,250.0	110
* Y1028	Bikeways Program	(792.2)	1,951.2	-	-	-	1,951.2	109
* Y1128	Bikeways Program	(16.2)	750.0	-	-	-	750.0	110
F1002	Black Hill Tank Dam Removal	(170.1)	175.0	-	-	-	175.0	52
W9903	Booster Station Upgrades	(1,551.9)	6,825.0	4,000.0	250.0	250.0	11,625.0	130
TEMP983	Browns Ranch Area Trail Construction	-	-	325.0	-	-	325.0	58
P1102	Brown's Ranch Trailhead	(10.1)	3,875.0	-	-	-	3,875.0	58
* Y1017	Bus Stop Improvements	(276.0)	576.0	-	-	-	576.0	110
* Y1117	Bus Stop Improvements	-	200.0	-	-	-	200.0	111
* Y1217	Bus Stop Improvements	-	150.0	150.0	150.0	150.0	750.0	111

\*Recurring Capital Maintenance Projects.

**Five-Year Capital Improvement Plan**  
 FY 2011/12 - 2015/16 Sorted by Alphabetical  
 (In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
* Y0817	Bus Stop Improvements	(85.2)	400.0	-	-	-	400.0	111
T1101	Bus/Trolley Acquisition	-	442.4	-	-	-	442.4	112
B0803	Cactus Acres Fire Station 8	(5,493.5)	6,090.9	-	-	-	6,090.9	64
M1203	Cellular Intercept Module Upgrade	-	163.0	-	-	-	163.0	65
W1102	Chaparral WTP Pretreatment	(1,654.7)	10,000.0	-	22,000.0	-	32,000.0	130
* Y0718	CIP Advance Planning Program	(2,162.1)	2,257.4	-	-	-	2,257.4	100
Z9400	CIP Contingency	-	6,500.0	4,500.0	4,500.0	4,500.0	24,500.0	75
Z9401	CIP Contingency for Future Grants	-	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	75
P0601	Civic Center Library Improvements	(212.2)	945.0	-	-	-	945.0	42
M0714	Computer Facility Infrastructure Improvements	(527.0)	673.4	-	-	-	673.4	75
A1201	Construct Airport Operations/Maintenance	-	300.0	2,000.0	-	-	2,300.0	95
D0702	Construction of Rock Knob and Connecting Preserve Trails	-	350.0	-	-	-	350.0	58
P0609	Construction of Trails Supporting the Gateway to the Preserve	(329.2)	330.0	-	-	-	330.0	59
V0501	Core North/South Wastewater	(282.9)	2,598.0	-	-	-	2,598.0	123
W0501	Core North/South Water	(2,430.4)	3,498.0	-	-	-	3,498.0	131
B0809	Corporation Yard Fleet Maintenance Facility Expansion	(4,398.6)	4,890.0	-	-	-	4,890.0	71
B0804	Corporation Yard Truck Wash	(246.3)	250.0	-	-	-	250.0	71
B0508	Courts – Customer Service Enhancement	(191.1)	225.0	-	-	-	225.0	71
* Y1103	Crime Laboratory Equipment Replacement	-	145.0	-	-	-	145.0	65
* Y1203	Crime Laboratory Equipment Replacement	-	95.0	72.5	102.5	210.0	610.0	65
T0703	Cross Cut Canal Multiuse Path Phase II	(436.5)	481.0	-	-	-	481.0	112
G1003	Cross Cut Canal Multiuse Path Phase II - Grant MAG	-	882.3	-	-	-	882.3	112
W8515	Deep Well Recharge/Recovery Facilities	(881.4)	5,100.0	-	-	-	5,100.0	131
D1001	Desert Discovery Center	-	500.0	-	-	-	500.0	59
D1101	Desert Discovery Phase III	-	80.0	-	-	-	80.0	59
B0403	Desert Foothills Fire Station 13	(1,286.6)	3,275.0	-	-	-	3,275.0	64
A0704	Design and Construct Greenway Hangar Connectors	(172.9)	160.0	-	-	-	160.0	95
A0705	Design and Construct Retention Basin Improvements	-	270.3	-	-	-	270.3	95
B0504	District 1 Police Facilities	(10,663.1)	10,771.0	-	-	-	10,771.0	66
M9906	Document Management System - Courts	(233.0)	400.0	-	-	-	400.0	76
T0801	Downtown Pedestrian Improvements	(249.9)	600.0	-	-	-	600.0	112
V0902	Downtown Wastewater Trunk Lines	(1,798.4)	5,700.0	-	-	-	5,700.0	123
W0901	Downtown Water Transmission Lines	(1,049.9)	6,400.0	-	-	-	6,400.0	131
F0401	East Union Hills Interceptor Channel	(245.8)	1,940.8	-	-	-	1,940.8	52
G1002	Eldorado ADA Project - Grant	(238.2)	281.7	-	-	-	281.7	48
B0601	Eldorado Park Fire Station 1- Relocate Existing S. Quadrant	(3,530.2)	4,341.8	-	-	-	4,341.8	64
TEMP971	Environmental Assessment for Land Acquisition	-	-	250.0	-	-	250.0	96

\*Recurring Capital Maintenance Projects.

**Five-Year Capital Improvement Plan**  
**FY 2011/12 - 2015/16 Sorted by Alphabetical**  
(In thousands of dollars)

Project #	Project Name	Estimated Expenditures Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast	Total	Page #
P0505	Expanded McDowell Sonoran Preserve	(121,393.2)	296,000.0	-	-	-	-	296,000.0	60
B0805	Facilities Management Information System	(296.2)	294.0	-	-	-	-	294.0	72
* Y1001	Facilities Repair and Maintenance Program	(1,198.2)	1,326.0	-	-	-	-	1,326.0	72
* Y1101	Facilities Repair and Maintenance Program	(148.5)	900.0	-	-	-	-	900.0	73
* Y1201	Facilities Repair and Maintenance Program	-	671.5	652.5	1,410.0	2,120.0	1,995.0	6,849.0	72
M0701	Financial Systems Upgrade	(531.3)	1,021.3	220.0	-	-	-	1,241.3	76
S0304	Frank Lloyd Wright–Scottsdale Rd to Shea	(302.6)	1,763.5	-	-	-	-	1,763.5	100
B0808	Fuel/Fleet Maintenance Facility - McKellips Service Center.	(4,299.7)	4,319.8	-	-	-	-	4,319.8	73
P0608	Gateway to the Preserve Amenities	(3,927.7)	4,000.0	-	-	-	-	4,000.0	60
P1001	Granite Mountain Trail Restoration and Mitigation	-	500.0	-	-	-	-	500.0	60
F0201	Granite Reef Watershed	(709.4)	29,410.6	8,167.4	-	-	-	37,578.0	52
TEMP977	Gravity Thickener	-	-	3,500.0	-	-	-	3,500.0	132
TEMP872	Hayden Road / Camelback Intersection Improvements	-	-	-	-	-	2,760.0	2,760.0	104
TEMP871	Hayden Road / Chaparral Intersection Improvements	-	-	-	1,760.0	-	-	1,760.0	104
TEMP976	Hayden/Thomas Safety Improvements	-	110.0	1,100.0	-	-	-	1,210.0	104
M0904	Human Resources Automation System	(56.0)	90.0	-	-	-	-	90.0	76
V1201	Hydrogen Sulfide Mitigation	-	800.0	4,000.0	-	-	-	4,800.0	124
S0402	Indian Bend Road – Scottsdale to Hayden	(25,325.2)	25,780.0	-	-	-	-	25,780.0	100
T0604	Indian Bend Wash Path Connection	(434.5)	598.3	-	-	-	-	598.3	113
G1013	Indian Bend Wash Path Connection - Grant	(894.6)	907.5	-	-	-	-	907.5	113
M1201	Information Technology - Information Lifecycle Management	-	210.0	-	-	-	-	210.0	77
M1202	Information Technology - LAN Core Switch Upgrade	-	625.0	100.0	-	-	-	725.0	77
* Y1107	Information Technology - Network Infrastructure	(93.8)	380.6	-	-	-	-	380.6	78
* Y1207	Information Technology - Network Infrastructure	-	320.1	417.0	320.1	447.2	370.1	1,874.5	79
* Y1007	Information Technology – Network Infrastructure	(310.9)	355.0	-	-	-	-	355.0	80
* Y1110	Information Technology - PC Equipment	(923.7)	1,433.0	-	-	-	-	1,433.0	81
M0205	Information Technology – Security Investment	(334.0)	337.6	-	-	-	-	337.6	82
* Y1108	Information Technology - Server Infrastructure	(141.5)	893.8	-	-	-	-	893.8	83
* Y1208	Information Technology - Server Infrastructure	-	669.1	507.2	728.4	1,266.0	924.8	4,095.5	82
* Y1008	Information Technology – Server Infrastructure	(1,037.4)	1,257.3	-	-	-	-	1,257.3	84
M0906	Information Technology - Telephone System Upgrade	(129.8)	630.0	-	-	-	-	630.0	84

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

## FY 2011/12 - 2015/16 Sorted by Alphabetical

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
M0506	Information Technology – Web Content Management SW	(234.1)	298.4	-	-	-	-	298.4	84
P1101	Interior Preserve Trail	-	400.0	-	-	-	-	400.0	61
* Y1119	Intersection Mobility Enhancements	(671.1)	1,700.0	-	-	-	-	1,700.0	105
* Y1219	Intersection Mobility Enhancements	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	105
T0902	ITS/Signal System Upgrades	(0.1)	249.1	1,000.0	700.0	700.0	-	2,649.1	105
G1202	ITS/Signal System Upgrades - Grant	-	249.1	-	300.0	300.0	500.0	1,349.1	106
W1103	IWDS Improvements	-	500.0	-	-	-	-	500.0	132
F0801	Levee Certification and Rehabilitation	(395.6)	400.0	-	-	-	-	400.0	53
D0211	Loloma District Museum	(971.2)	1,721.0	5,779.0	-	-	-	7,500.0	43
B0706	Loloma District-Stagebrush Theater Relocation	-	1,600.0	-	-	-	-	1,600.0	43
F0701	Loop 101 Detention Basin	(908.6)	5,147.0	-	-	-	-	5,147.0	53
F0602	Loop 101 Outlet Storm Drain	-	3,445.0	-	-	-	-	3,445.0	53
W8525	Master Plan – Water	(2,066.4)	3,316.8	-	500.0	-	-	3,816.8	132
V8620	Master Plan – Water Reclamation	(1,869.7)	3,533.4	-	250.0	-	-	3,783.4	124
P0712	McCormick Ranch Park Model Railroad Museum	(3,235.2)	4,568.0	-	-	-	-	4,568.0	48
T0605	McDowell Road Bicycle and Pedestrian Improvements	(1,466.1)	3,004.4	-	-	-	-	3,004.4	113
G1101	McDowell Road Bicycle and Pedestrian Improvements - Grant	-	600.0	-	-	-	-	600.0	114
T1001	McDowell Road ITS Corridor	(0.2)	350.0	-	-	-	-	350.0	106
G1107	Mill and Overlay Projects Phase 2	-	831.9	-	-	-	-	831.9	101
M1101	Mobile Network Software	-	346.4	-	-	-	-	346.4	85
G1010	Mustang Park & Ride - Grant	-	4,475.8	-	-	-	-	4,475.8	114
T9902	Mustang Park and Ride	(9.6)	2,237.8	-	-	-	-	2,237.8	114
T0502	Mustang Transit Passenger Facility	(55.6)	1,502.8	-	-	-	-	1,502.8	115
G1008	Mustang Transit Passenger Facility - Grant	-	747.2	-	-	-	-	747.2	115
* Y1105	Neighborhood Stormwater Management Improvements	(93.2)	1,082.0	-	-	-	-	1,082.0	54
* Y1205	Neighborhood Stormwater Management Improvements	-	695.0	112.8	80.0	80.0	80.0	1,047.8	54
* Y1221	Neighborhood Traffic Management Program	-	250.0	250.0	250.0	250.0	250.0	1,250.0	107
* Y1121	Neighborhood Traffic Management Program	(87.4)	500.0	-	-	-	-	500.0	107
* Y0821	Neighborhood Traffic Management Program	(346.4)	1,000.0	-	-	-	-	1,000.0	106
* Y0721	Neighborhood Traffic Management Program	(1,206.0)	1,394.0	-	-	-	-	1,394.0	106
M0707	Network Infrastructure Extension	(698.7)	862.5	-	-	-	-	862.5	85
G1005	North Bank & Goldwater Underpass - Grant	(352.8)	337.6	-	-	-	-	337.6	115
D0705	North Bank and Goldwater Underpass	(2,372.7)	2,400.0	-	-	-	-	2,400.0	44
TEMP974	Overlay Taxiway "B" and Exits	-	-	-	-	150.0	1,350.0	1,500.0	96
* Y1229	Pavement Overlay Program	-	1,500.0	2,500.0	2,500.0	2,500.0	2,500.0	11,500.0	101
A0601	Perimeter Road Construction	(180.1)	175.1	-	-	-	-	175.1	96
S1101	Pima Road - McDowell to 90th Street	(2.9)	22,954.5	18,652.1	7,204.4	-	-	48,811.0	101
S0901	Pima Road – Thompson Peak to Pinnacle Peak Rd.	(21,840.3)	26,507.3	-	-	-	-	26,507.3	102

\*Recurring Capital Maintenance Projects.

**Five-Year Capital Improvement Plan**  
**FY 2011/12 - 2015/16 Sorted by Alphabetical**  
(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
F0503	Pima Road Drainage System	(1,543.0)	6,398.8	-	-	-	-	6,398.8	54
B0807	Plan Review Office Efficiency Renovation	(40.3)	65.0	-	-	-	-	65.0	73
M0512	Police – Fashion Square Radio Treatment	(11.2)	225.0	-	-	-	-	225.0	85
M0401	Police – Records Management and CAD System Replacement	(4,248.8)	4,525.0	-	-	-	-	4,525.0	86
M0810	Police Advanced Mobile Upgrades	(471.6)	768.3	-	-	-	-	768.3	66
M1204	Police K9 Training Facility	-	53.8	-	-	-	-	53.8	66
M1205	Police Mobile Command Center	-	800.0	-	-	-	-	800.0	67
B0302	Police Operational Support Building	(31,559.9)	31,911.2	-	-	-	-	31,911.2	67
* Y1106	Police Portable and Vehicle Radio Replacement	-	3,976.2	-	-	-	-	3,976.2	67
* Y1206	Police Portable and Vehicle Radio Replacement	-	552.8	551.3	644.5	760.2	423.2	2,932.0	68
B1004	Police Tenant Improvements	-	200.0	-	-	-	-	200.0	68
F0605	Powerline Interceptor Channel	(2.8)	2,228.0	-	-	-	-	2,228.0	55
M0907	Public Safety Microwave Radio	(2,175.3)	2,550.0	-	-	-	-	2,550.0	86
M0615	Public Safety Radio System - Phase I	(21,005.0)	22,050.0	-	-	-	-	22,050.0	86
V4001	Radio Telemetry Monitoring Automation Citywide - Wastewater	(648.1)	1,055.5	100.0	100.0	100.0	50.0	1,405.5	124
W4001	Radio Telemetry Monitoring Automation Citywide (Water)	(1,598.8)	2,114.4	100.0	100.0	100.0	125.0	2,539.4	133
G1001	Reclamation Facilities Blower Replacements	(1,047.4)	1,095.0	-	-	-	-	1,095.0	125
TEMP973	Reconstruct and Strengthen Runway 03/21	-	-	-	600.0	5,400.0	-	6,000.0	97
A1204	Reconstruct Taxiway "A" and Exits	-	900.0	8,100.0	-	-	-	9,000.0	97
TEMP975	Reconstruct Taxiway "C"	-	-	-	-	35.0	315.0	350.0	97
W0503	Regional GAC Regeneration Facility	(201.1)	500.0	-	-	-	-	500.0	133
A0802	Runway Safety Enhancements Phase 2	(922.5)	4,970.0	-	-	-	-	4,970.0	98
V0502	RWDS Improvements	(457.0)	3,075.0	-	-	-	-	3,075.0	125
S7005	Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway	(31,084.2)	49,074.5	-	-	-	-	49,074.5	102
S0311	Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak	(1,255.3)	13,738.3	3,791.8	-	-	-	17,530.1	103
G1104	Scottsdale Road ITS - Grant	(472.5)	522.7	-	-	-	-	522.7	107
T0704	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I	(0.5)	203.8	-	-	-	-	203.8	115
G1103	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I - Grant	(5,865.1)	7,258.4	-	-	-	-	7,258.4	116
T0705	Scottsdale Road Pedestrian & Bicycle Improvements, Phase II	(1.1)	814.0	-	-	-	-	814.0	116
G1012	Scottsdale Road Pedestrian and Bicycle Improvements Phase II - Grant	-	658.0	-	-	-	-	658.0	116
D0205	Scottsdale Road Preservation Streetscape Enhancement	(15,359.7)	26,940.0	-	-	-	-	26,940.0	44
* Y1113	Scottsdale Stadium Infrastructure Improvements	-	250.0	-	-	-	-	250.0	49
* Y1213	Scottsdale Stadium Infrastructure Improvements	-	250.0	112.0	112.0	112.0	112.0	698.0	49
T0901	Scottsdale/Thunderbird Park and Ride	(81.0)	2,853.8	-	-	-	-	2,853.8	117

\*Recurring Capital Maintenance Projects.



**Five-Year Capital Improvement Plan**  
 FY 2011/12 - 2015/16 Sorted by Alphabetical  
 (In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11							
G1014	Scottsdale/Thunderbird Park and Ride Facility - Grant	(469.9)	7,704.2	-	-	-	-	7,704.2	117
* Y1020	Sidewalk Improvements	(296.0)	809.0	-	-	-	-	809.0	117
* Y1120	Sidewalk Improvements	(9.8)	500.0	-	-	-	-	500.0	117
* Y1220	Sidewalk Improvements	-	350.0	350.0	350.0	350.0	350.0	1,750.0	118
D0508	SkySong - ASU Scottsdale Center for Innovation	(32,643.0)	38,173.0	-	-	-	-	38,173.0	44
T0601	Skysong Center Transit Passenger Facility	(485.5)	1,034.3	-	-	-	-	1,034.3	118
G1009	Skysong Center Transit Passenger Facility - Grant	-	3,583.1	-	-	-	-	3,583.1	118
D0706	Soleri Bridge and Plaza	(2,470.6)	2,561.3	-	-	-	-	2,561.3	45
F0603	South Scottsdale Road Drainage Corridor	(1,638.9)	2,967.2	-	-	-	-	2,967.2	55
P9904	Sports Lighting Expansion & Upgrade	(3,757.0)	4,450.7	-	-	-	-	4,450.7	49
V0402	SROG Sewage Transmission Line	(9,379.0)	14,267.0	-	3,000.0	13,000.0	-	30,267.0	125
V1102	SROG Wastewater Plant Expans. UP10	-	1,000.0	-	-	21,500.0	-	22,500.0	126
* Y1124	SROG Wastewater Treatment Plant	(44.9)	564.0	-	-	-	-	564.0	126
* Y1224	SROG Wastewater Treatment Plant	-	1,960.0	1,225.0	500.0	500.0	1,025.0	5,210.0	126
V0706	SROG Water Reclamation Capacity Management	(568.3)	1,016.3	-	-	-	-	1,016.3	127
V0802	SROG Water Reclamation Plant Expansion UP05	(7,785.1)	11,800.0	-	-	-	-	11,800.0	127
G1106	State Grant-In-Aid for Civic Center Library Construction	(11.4)	25.0	-	-	-	-	25.0	42
P1201	Sunrise Trailhead Paving	-	50.0	-	-	-	-	50.0	61
A0603	Taxiway Connectors Construction	(53.0)	296.7	-	-	-	-	296.7	98
A1203	Terminal Apron Taxilane Reconstruction	-	250.0	-	-	-	-	250.0	98
T0606	Thomas Road Bicycle Lanes and Enhanced Sidewalks	(1,295.3)	4,613.9	-	-	-	-	4,613.9	118
P0902	Tom's Thumb Trailhead	(393.9)	3,300.0	-	-	-	-	3,300.0	61
D1102	Tony Nelssen Equestrian Center Expansion	-	650.0	-	-	-	-	650.0	45
Z9409	Tourism Related Project Contingency	-	27,500.0	-	-	-	-	27,500.0	45
P1105	TPC Golf Course Lake Edge Improvements	-	350.0	-	-	-	-	350.0	46
* Y1222	Traffic Management Program - ITS	-	500.0	500.0	500.0	500.0	500.0	2,500.0	108
* Y1122	Traffic Management Program - ITS	(269.8)	500.0	-	-	-	-	500.0	108
* Y0722	Traffic Management Program - ITS	(7,065.6)	8,388.1	-	-	-	-	8,388.1	107
* Y1023	Traffic Signal Program	(343.6)	390.0	-	-	-	-	390.0	108
P9035	Trail Development/Acquisition	(1,312.8)	3,220.5	-	-	-	-	3,220.5	62
TEMP868	Trail Improvement Program	-	-	-	650.0	650.0	500.0	1,800.0	108
B0902	Transfer Station Expansion	(878.6)	3,675.0	-	-	-	-	3,675.0	74
T0607	Transit Vehicle Refurbishment	-	400.0	-	-	-	-	400.0	119
P0707	Troon North Park	(4,180.7)	4,870.1	-	-	-	-	4,870.1	50
F1003	Troon North Park Basin Expansion	(1,232.5)	1,400.0	-	-	-	-	1,400.0	55
F0203	Upper Camelback Wash Watershed	(4,912.4)	14,497.2	-	-	-	-	14,497.2	56
V3704	Wastewater Collection System Improvements	(24,871.6)	47,689.0	6,000.0	8,000.0	5,000.0	5,000.0	71,689.0	128
V0703	Wastewater Oversizing	(1,748.8)	1,985.7	-	-	-	-	1,985.7	128

\*Recurring Capital Maintenance Projects.

## Five-Year Capital Improvement Plan

### FY 2011/12 - 2015/16 Sorted by Alphabetical

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast	Total	Page #
W1101	Water and Sewer System Optimization	(384.4)	1,500.0	-	-	-	-	1,500.0	133
V1101	Water Campus Chlorine Generation	-	10,000.0	-	-	-	-	10,000.0	129
W9912	Water Distribution System Improvements	(34,961.8)	57,360.0	2,500.0	7,000.0	5,000.0	4,000.0	75,860.0	134
W0710	Water Oversizing	(7,598.3)	8,204.5	-	-	-	-	8,204.5	134
W0801	Water Participation Program	(208.9)	1,750.0	250.0	500.0	500.0	500.0	3,500.0	134
W0205	Water Quality Improvements – Southern Neighborhoods	(10,347.3)	17,500.0	-	-	-	-	17,500.0	135
W0709	Water Quality Regulatory Compliance Programs	(732.6)	2,100.0	-	-	-	-	2,100.0	135
V0801	Water Reclamation Participation Program	(1,043.2)	4,000.0	500.0	750.0	750.0	750.0	6,750.0	129
V0704	Water Reclamation Security Enhancements	(631.1)	1,976.0	550.0	-	-	100.0	2,626.0	129
* Y1227	Water System Architect/Engineer Services	-	100.0	100.0	100.0	100.0	100.0	500.0	136
* Y1127	Water System Architect/Engineer Services	(20.1)	100.0	-	-	-	-	100.0	135
* Y1126	Water System Security Enhancements	(222.3)	350.0	-	-	-	-	350.0	136
* Y1026	Water System Security Enhancements	(464.8)	474.0	-	-	-	-	474.0	136
* Y1226	Water System Security Enhancements	-	350.0	350.0	350.0	100.0	100.0	1,250.0	137
W4708	Well Sites	(21,610.3)	26,142.1	-	-	-	-	26,142.1	137
W0708	Well Sites Rehabilitation	(468.9)	3,500.0	500.0	-	-	-	4,000.0	137
D0902	WestWorld ADA	(387.4)	525.0	-	-	-	-	525.0	46
D1103	WestWorld Brett's Barn Demolition	-	60.0	-	-	-	-	60.0	46
D1104	WestWorld Electrical Expansion & Upgrades	-	325.0	-	-	-	-	325.0	62
D0805	WestWorld Horse Barns, Telecom and Connectivity	(5,626.7)	5,628.6	-	-	-	-	5,628.6	46
W1104	WestWorld Improvements	-	500.0	-	-	-	-	500.0	137
D0811	WestWorld Paving	(947.0)	1,198.0	-	-	-	-	1,198.0	47
D0808	WestWorld Shading and Landscaping	(139.7)	140.0	-	-	-	-	140.0	47
D0806	WestWorld Show Offices and Restroom	(1,007.5)	1,009.0	-	-	-	-	1,009.0	47
M0706	Wide Area Network Fiber	(110.5)	465.8	-	-	-	-	465.8	87
M0802	Work Order System Upgrade/Replacement	(44.0)	656.3	-	-	-	-	656.3	87
W0603	Zone 14-16 Water Improvements	(5,592.8)	6,000.0	-	-	-	10,000.0	16,000.0	138

\*Recurring Capital Maintenance Projects.



---

FY 2011/12 Adopted Budget

---

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Administrative Services</b>									
M0714	Computer Facility Infrastructure Improvements	(527.0)	673.4	-	-	-	-	673.4	75
M0904	Human Resources Automation System	(56.0)	90.0	-	-	-	-	90.0	76
M1201	Information Technology - Information Lifecycle Management	-	210.0	-	-	-	-	210.0	77
M1202	Information Technology - LAN Core Switch Upgrade	-	625.0	100.0	-	-	-	725.0	77
* Y1107	Information Technology - Network Infrastructure	(93.8)	380.6	-	-	-	-	380.6	78
* Y1207	Information Technology - Network Infrastructure	-	320.1	417.0	320.1	447.2	370.1	1,874.5	79
* Y1007	Information Technology - Network Infrastructure	(310.9)	355.0	-	-	-	-	355.0	80
* Y1110	Information Technology - PC Equipment	(923.7)	1,433.0	-	-	-	-	1,433.0	81
M0205	Information Technology - Security Investment	(334.0)	337.6	-	-	-	-	337.6	82
* Y1108	Information Technology - Server Infrastructure	(141.5)	893.8	-	-	-	-	893.8	83
* Y1208	Information Technology - Server Infrastructure	-	669.1	507.2	728.4	1,266.0	924.8	4,095.5	82
* Y1008	Information Technology - Server Infrastructure	(1,037.4)	1,257.3	-	-	-	-	1,257.3	84
M0906	Information Technology - Telephone System Upgrade	(129.8)	630.0	-	-	-	-	630.0	84
M0506	Information Technology - Web Content Management SW	(234.1)	298.4	-	-	-	-	298.4	84
M1101	Mobile Network Software	-	346.4	-	-	-	-	346.4	85
M0707	Network Infrastructure Extension	(698.7)	862.5	-	-	-	-	862.5	85
M0512	Police - Fashion Square Radio Treatment	(11.2)	225.0	-	-	-	-	225.0	85
M0907	Public Safety Microwave Radio	(2,175.3)	2,550.0	-	-	-	-	2,550.0	86
M0615	Public Safety Radio System - Phase I	(21,005.0)	22,050.0	-	-	-	-	22,050.0	86
M0706	Wide Area Network Fiber	(110.5)	465.8	-	-	-	-	465.8	87
M0802	Work Order System Upgrade/Replacement	(44.0)	656.3	-	-	-	-	656.3	87
<b>City Court</b>									
B0508	Courts - Customer Service Enhancement	(191.1)	225.0	-	-	-	-	225.0	71
M9906	Document Management System - Courts	(233.0)	400.0	-	-	-	-	400.0	76
<b>Community and Economic Development</b>									
A1101	ADA Facility Compliance	-	25.0	-	-	-	-	25.0	92
D0812	Additional and Upgraded RVs	(94.2)	190.0	-	-	-	-	190.0	43
S1103	Airpark Area Access Projects Phase I	-	2,775.0	4,193.0	11,848.0	12,986.0	-	31,802.0	99
A0509	Airport - Future Grants	-	5,500.0	-	-	-	-	5,500.0	92
A0706	Airport Master Plan	(100.7)	550.7	-	-	-	-	550.7	92
A0710	Airport Pavement Preservation Program	(469.0)	623.0	75.0	-	-	-	698.0	93
A0901	Airport Runway Resurfacing Project	(2,718.1)	2,000.0	-	-	-	-	2,000.0	93
A0903	Airport Security System Improvements	(0.1)	150.0	200.0	-	-	-	350.0	93

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Community and Economic Development</b>								
A1102	Airport Sweeper Replacement	(187.4)	190.0	-	-	-	190.0	93
A1202	Airport Terminal Area Signage Upgrade	-	200.0	-	-	-	200.0	94
TEMP972	Apron Reconstruction - Delta Apron	-	-	300.0	2,700.0	-	3,000.0	94
A0709	Apron Reconstruction - Landmark and Transient	(87.3)	7,563.2	-	-	-	7,563.2	94
S1102	Arizona Canal - 64th Street to Goldwater Blvd.	-	300.0	-	-	-	300.0	99
G1201	Arizona Canal - 64th Street to Goldwater Blvd. - Grant	-	2,323.8	-	-	-	2,323.8	99
TEMP738	Arizona Canal Path: McDonald to Indian Bend Wash	-	-	-	2,661.7	-	2,661.7	109
TEMP692	Arizona Canal Path-Chaparral to McDonald	-	-	2,100.0	-	-	2,100.0	109
A0504	Aviation Grant Match Contingency	-	450.0	-	-	-	450.0	94
* Y1228	Bikeways Program	-	500.0	500.0	750.0	750.0	3,250.0	110
* Y1028	Bikeways Program	(792.2)	1,951.2	-	-	-	1,951.2	109
* Y1128	Bikeways Program	(16.2)	750.0	-	-	-	750.0	110
F1002	Black Hill Tank Dam Removal	(170.1)	175.0	-	-	-	175.0	52
* Y1017	Bus Stop Improvements	(276.0)	576.0	-	-	-	576.0	110
* Y1117	Bus Stop Improvements	-	200.0	-	-	-	200.0	111
* Y1217	Bus Stop Improvements	-	150.0	150.0	150.0	150.0	750.0	111
* Y0817	Bus Stop Improvements	(85.2)	400.0	-	-	-	400.0	111
T1101	Bus/Trolley Acquisition	-	442.4	-	-	-	442.4	112
* Y0718	CIP Advance Planning Program	(2,162.1)	2,257.4	-	-	-	2,257.4	100
A1201	Construct Airport Operations/Maintenance	-	300.0	2,000.0	-	-	2,300.0	95
T0703	Cross Cut Canal Multiuse Path Phase II	(436.5)	481.0	-	-	-	481.0	112
G1003	Cross Cut Canal Multiuse Path Phase II - Grant MAG	-	882.3	-	-	-	882.3	112
D1001	Desert Discovery Center	-	500.0	-	-	-	500.0	59
D1101	Desert Discovery Phase III	-	80.0	-	-	-	80.0	59
A0704	Design and Construct Greenway Hangar Connectors	(172.9)	160.0	-	-	-	160.0	95
A0705	Design and Construct Retention Basin Improvements	-	270.3	-	-	-	270.3	95
T0801	Downtown Pedestrian Improvements	(249.9)	600.0	-	-	-	600.0	112
F0401	East Union Hills Interceptor Channel	(245.8)	1,940.8	-	-	-	1,940.8	52
TEMP971	Environmental Assessment for Land Acquisition	-	-	250.0	-	-	250.0	96
S0304	Frank Lloyd Wright-Scottsdale Rd to Shea	(302.6)	1,763.5	-	-	-	1,763.5	100
F0201	Granite Reef Watershed	(709.4)	29,410.6	8,167.4	-	-	37,578.0	52
TEMP872	Hayden Road / Camelback Intersection Improvements	-	-	-	-	2,760.0	2,760.0	104
TEMP871	Hayden Road / Chaparral Intersection Improvements	-	-	-	1,760.0	-	1,760.0	104
TEMP976	Hayden/Thomas Safety Improvements	-	110.0	1,100.0	-	-	1,210.0	104
S0402	Indian Bend Road - Scottsdale to Hayden	(25,325.2)	25,780.0	-	-	-	25,780.0	100
T0604	Indian Bend Wash Path Connection	(434.5)	598.3	-	-	-	598.3	113

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Community and Economic Development</b>									
G1013	Indian Bend Wash Path Connection - Grant	(894.6)	907.5	-	-	-	-	907.5	113
* Y1119	Intersection Mobility Enhancements	(671.1)	1,700.0	-	-	-	-	1,700.0	105
* Y1219	Intersection Mobility Enhancements	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	105
T0902	ITS/Signal System Upgrades	(0.1)	249.1	1,000.0	700.0	700.0	-	2,649.1	105
G1202	ITS/Signal System Upgrades - Grant	-	249.1	-	300.0	300.0	500.0	1,349.1	106
F0801	Levee Certification and Rehabilitation	(395.6)	400.0	-	-	-	-	400.0	53
D0211	Loloma District Museum	(971.2)	1,721.0	5,779.0	-	-	-	7,500.0	43
B0706	Loloma District-Stagebrush Theater Relocation	-	1,600.0	-	-	-	-	1,600.0	43
F0701	Loop 101 Detention Basin	(908.6)	5,147.0	-	-	-	-	5,147.0	53
F0602	Loop 101 Outlet Storm Drain	-	3,445.0	-	-	-	-	3,445.0	53
T0605	McDowell Road Bicycle and Pedestrian Improvements	(1,466.1)	3,004.4	-	-	-	-	3,004.4	113
G1101	McDowell Road Bicycle and Pedestrian Improvements - Grant	-	600.0	-	-	-	-	600.0	114
T1001	McDowell Road ITS Corridor	(0.2)	350.0	-	-	-	-	350.0	106
G1107	Mill and Overlay Projects Phase 2	-	831.9	-	-	-	-	831.9	101
G1010	Mustang Park & Ride - Grant	-	4,475.8	-	-	-	-	4,475.8	114
T9902	Mustang Park and Ride	(9.6)	2,237.8	-	-	-	-	2,237.8	114
T0502	Mustang Transit Passenger Facility	(55.6)	1,502.8	-	-	-	-	1,502.8	115
G1008	Mustang Transit Passenger Facility - Grant	-	747.2	-	-	-	-	747.2	115
* Y1105	Neighborhood Stormwater Management Improvements	(93.2)	1,082.0	-	-	-	-	1,082.0	54
* Y1205	Neighborhood Stormwater Management Improvements	-	695.0	112.8	80.0	80.0	80.0	1,047.8	54
* Y1221	Neighborhood Traffic Management Program	-	250.0	250.0	250.0	250.0	250.0	1,250.0	107
* Y1121	Neighborhood Traffic Management Program	(87.4)	500.0	-	-	-	-	500.0	107
* Y0821	Neighborhood Traffic Management Program	(346.4)	1,000.0	-	-	-	-	1,000.0	106
* Y0721	Neighborhood Traffic Management Program	(1,206.0)	1,394.0	-	-	-	-	1,394.0	106
G1005	North Bank & Goldwater Underpass - Grant	(352.8)	337.6	-	-	-	-	337.6	115
D0705	North Bank and Goldwater Underpass	(2,372.7)	2,400.0	-	-	-	-	2,400.0	44
TEMP974	Overlay Taxiway "B" and Exits	-	-	-	-	150.0	1,350.0	1,500.0	96
A0601	Perimeter Road Construction	(180.1)	175.1	-	-	-	-	175.1	96
S1101	Pima Road - McDowell to 90th Street	(2.9)	22,954.5	18,652.1	7,204.4	-	-	48,811.0	101
S0901	Pima Road - Thompson Peak to Pinnacle Peak Rd.	(21,840.3)	26,507.3	-	-	-	-	26,507.3	102
F0503	Pima Road Drainage System	(1,543.0)	6,398.8	-	-	-	-	6,398.8	54
B0807	Plan Review Office Efficiency Renovation	(40.3)	65.0	-	-	-	-	65.0	73
F0605	Powerline Interceptor Channel	(2.8)	2,228.0	-	-	-	-	2,228.0	55
TEMP973	Reconstruct and Strengthen Runway 03/21	-	-	-	600.0	5,400.0	-	6,000.0	97
A1204	Reconstruct Taxiway "A" and Exits	-	900.0	8,100.0	-	-	-	9,000.0	97
TEMP975	Reconstruct Taxiway "C"	-	-	-	-	35.0	315.0	350.0	97

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Community and Economic Development</b>									
A0802	Runway Safety Enhancements Phase 2	(922.5)	4,970.0	-	-	-	-	4,970.0	98
S7005	Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway	(31,084.2)	49,074.5	-	-	-	-	49,074.5	102
S0311	Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak	(1,255.3)	13,738.3	3,791.8	-	-	-	17,530.1	103
G1104	Scottsdale Road ITS - Grant	(472.5)	522.7	-	-	-	-	522.7	107
T0704	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I	(0.5)	203.8	-	-	-	-	203.8	115
G1103	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I - Grant	(5,865.1)	7,258.4	-	-	-	-	7,258.4	116
T0705	Scottsdale Road Pedestrian & Bicycle Improvements, Phase II	(1.1)	814.0	-	-	-	-	814.0	116
G1012	Scottsdale Road Pedestrian and Bicycle Improvements Phase II - Grant	-	658.0	-	-	-	-	658.0	116
D0205	Scottsdale Road Preservation Streetscape Enhancement	(15,359.7)	26,940.0	-	-	-	-	26,940.0	44
T0901	Scottsdale/Thunderbird Park and Ride	(81.0)	2,853.8	-	-	-	-	2,853.8	117
G1014	Scottsdale/Thunderbird Park and Ride Facility - Grant	(469.9)	7,704.2	-	-	-	-	7,704.2	117
* Y1020	Sidewalk Improvements	(296.0)	809.0	-	-	-	-	809.0	117
* Y1120	Sidewalk Improvements	(9.8)	500.0	-	-	-	-	500.0	117
* Y1220	Sidewalk Improvements	-	350.0	350.0	350.0	350.0	350.0	1,750.0	118
T0601	Skysong Center Transit Passenger Facility	(485.5)	1,034.3	-	-	-	-	1,034.3	118
G1009	Skysong Center Transit Passenger Facility - Grant	-	3,583.1	-	-	-	-	3,583.1	118
D0706	Soleri Bridge and Plaza	(2,470.6)	2,561.3	-	-	-	-	2,561.3	45
F0603	South Scottsdale Road Drainage Corridor	(1,638.9)	2,967.2	-	-	-	-	2,967.2	55
A0603	Taxiway Connectors Construction	(53.0)	296.7	-	-	-	-	296.7	98
A1203	Terminal Apron Taxilane Reconstruction	-	250.0	-	-	-	-	250.0	98
T0606	Thomas Road Bicycle Lanes and Enhanced Sidewalks	(1,295.3)	4,613.9	-	-	-	-	4,613.9	118
D1102	Tony Nelssen Equestrian Center Expansion	-	650.0	-	-	-	-	650.0	45
Z9409	Tourism Related Project Contingency	-	27,500.0	-	-	-	-	27,500.0	45
* Y1222	Traffic Management Program - ITS	-	500.0	500.0	500.0	500.0	500.0	2,500.0	108
* Y1122	Traffic Management Program - ITS	(269.8)	500.0	-	-	-	-	500.0	108
* Y0722	Traffic Management Program - ITS	(7,065.6)	8,388.1	-	-	-	-	8,388.1	107
* Y1023	Traffic Signal Program	(343.6)	390.0	-	-	-	-	390.0	108
P9035	Trail Development/Acquisition	(1,312.8)	3,220.5	-	-	-	-	3,220.5	62
TEMP868	Trail Improvement Program	-	-	-	650.0	650.0	500.0	1,800.0	108
T0607	Transit Vehicle Refurbishment	-	400.0	-	-	-	-	400.0	119
F1003	Troon North Park Basin Expansion	(1,232.5)	1,400.0	-	-	-	-	1,400.0	55
F0203	Upper Camelback Wash Watershed	(4,912.4)	14,497.2	-	-	-	-	14,497.2	56
D0902	WestWorld ADA	(387.4)	525.0	-	-	-	-	525.0	46
D1103	WestWorld Brett's Barn Demolition	-	60.0	-	-	-	-	60.0	46
D1104	WestWorld Electrical Expansion & Upgrades	-	325.0	-	-	-	-	325.0	62

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Community and Economic Development</b>								
D0805	WestWorld Horse Barns, Telecom and Connectivity	(5,626.7)	5,628.6	-	-	-	5,628.6	46
D0811	WestWorld Paving	(947.0)	1,198.0	-	-	-	1,198.0	47
D0808	WestWorld Shading and Landscaping	(139.7)	140.0	-	-	-	140.0	47
D0806	WestWorld Show Offices and Restroom	(1,007.5)	1,009.0	-	-	-	1,009.0	47
<b>Community Services</b>								
P1104	Ballfield Netting Safety Improvement	(93.6)	98.0	-	-	-	98.0	48
TEMP983	Browns Ranch Area Trail Construction	-	-	325.0	-	-	325.0	58
P1102	Brown's Ranch Trailhead	(10.1)	3,875.0	-	-	-	3,875.0	58
P0601	Civic Center Library Improvements	(212.2)	945.0	-	-	-	945.0	42
D0702	Construction of Rock Knob and Connecting Preserve Trails	-	350.0	-	-	-	350.0	58
P0609	Construction of Trails Supporting the Gateway to the Preserve	(329.2)	330.0	-	-	-	330.0	59
G1002	Eldorado ADA Project - Grant	(238.2)	281.7	-	-	-	281.7	48
P0608	Gateway to the Preserve Amenities	(3,927.7)	4,000.0	-	-	-	4,000.0	60
P1001	Granite Mountain Trail Restoration and Mitigation	-	500.0	-	-	-	500.0	60
P1101	Interior Preserve Trail	-	400.0	-	-	-	400.0	61
P0712	McCormick Ranch Park Model Railroad Museum	(3,235.2)	4,568.0	-	-	-	4,568.0	48
* Y1113	Scottsdale Stadium Infrastructure Improvements	-	250.0	-	-	-	250.0	49
* Y1213	Scottsdale Stadium Infrastructure Improvements	-	250.0	112.0	112.0	112.0	698.0	49
P9904	Sports Lighting Expansion & Upgrade	(3,757.0)	4,450.7	-	-	-	4,450.7	49
G1106	State Grant-In-Aid for Civic Center Library Construction	(11.4)	25.0	-	-	-	25.0	42
P1201	Sunrise Trailhead Paving	-	50.0	-	-	-	50.0	61
P0902	Tom's Thumb Trailhead	(393.9)	3,300.0	-	-	-	3,300.0	61
P1105	TPC Golf Course Lake Edge Improvements	-	350.0	-	-	-	350.0	46
P0707	Troon North Park	(4,180.7)	4,870.1	-	-	-	4,870.1	50
<b>Finance and Accounting</b>								
Z9400	CIP Contingency	-	6,500.0	4,500.0	4,500.0	4,500.0	24,500.0	75
Z9401	CIP Contingency for Future Grants	-	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	75
M0701	Financial Systems Upgrade	(531.3)	1,021.3	220.0	-	-	1,241.3	76
<b>Public Safety - Fire</b>								
B0803	Cactus Acres Fire Station 8	(5,493.5)	6,090.9	-	-	-	6,090.9	64
B0403	Desert Foothills Fire Station 13	(1,286.6)	3,275.0	-	-	-	3,275.0	64
B0601	Eldorado Park Fire Station 1-Relocate Existing S. Quadrant	(3,530.2)	4,341.8	-	-	-	4,341.8	64
<b>Public Safety - Police</b>								
M1203	Cellular Intercept Module Upgrade	-	163.0	-	-	-	163.0	65
* Y1103	Crime Laboratory Equipment Replacement	-	145.0	-	-	-	145.0	65
* Y1203	Crime Laboratory Equipment Replacement	-	95.0	72.5	102.5	210.0	610.0	65
B0504	District 1 Police Facilities	(10,663.1)	10,771.0	-	-	-	10,771.0	66

\*Recurring Capital Maintenance Projects.



**Five-Year Capital Improvement Plan**  
**FY 2011/12 - 2015/16 Sorted by Division**  
(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Public Safety - Police</b>									
M0401	Police – Records Management and CAD System Replacement	(4,248.8)	4,525.0	-	-	-	-	4,525.0	86
M0810	Police Advanced Mobile Upgrades	(471.6)	768.3	-	-	-	-	768.3	66
M1204	Police K9 Training Facility	-	53.8	-	-	-	-	53.8	66
M1205	Police Mobile Command Center	-	800.0	-	-	-	-	800.0	67
B0302	Police Operational Support Building	(31,559.9)	31,911.2	-	-	-	-	31,911.2	67
* Y1106	Police Portable and Vehicle Radio Replacement	-	3,976.2	-	-	-	-	3,976.2	67
* Y1206	Police Portable and Vehicle Radio Replacement	-	552.8	551.3	644.5	760.2	423.2	2,932.0	68
B1004	Police Tenant Improvements	-	200.0	-	-	-	-	200.0	68
<b>Public Works</b>									
B0809	Corporation Yard Fleet Maintenance Facility Expansion	(4,398.6)	4,890.0	-	-	-	-	4,890.0	71
B0804	Corporation Yard Truck Wash	(246.3)	250.0	-	-	-	-	250.0	71
P0505	Expanded McDowell Sonoran Preserve	(121,393.2)	296,000.0	-	-	-	-	296,000.0	60
B0805	Facilities Management Information System	(296.2)	294.0	-	-	-	-	294.0	72
* Y1001	Facilities Repair and Maintenance Program	(1,198.2)	1,326.0	-	-	-	-	1,326.0	72
* Y1101	Facilities Repair and Maintenance Program	(148.5)	900.0	-	-	-	-	900.0	73
* Y1201	Facilities Repair and Maintenance Program	-	671.5	652.5	1,410.0	2,120.0	1,995.0	6,849.0	72
B0808	Fuel/Fleet Maintenance Facility - McKellips Service Center.	(4,299.7)	4,319.8	-	-	-	-	4,319.8	73
* Y1229	Pavement Overlay Program	-	1,500.0	2,500.0	2,500.0	2,500.0	2,500.0	11,500.0	101
G1001	Reclamation Facilities Blower Replacements	(1,047.4)	1,095.0	-	-	-	-	1,095.0	125
D0508	SkySong - ASU Scottsdale Center for Innovation	(32,643.0)	38,173.0	-	-	-	-	38,173.0	44
B0902	Transfer Station Expansion	(878.6)	3,675.0	-	-	-	-	3,675.0	74
<b>Water Resources</b>									
Z0901	Acquisition of Service Area from AZ American Water Company	-	10,000.0	-	-	-	-	10,000.0	130
V0901	Advanced Water Treatment Plant - Phase 4	(38,589.4)	59,300.0	-	-	-	-	59,300.0	123
W9903	Booster Station Upgrades	(1,551.9)	6,825.0	4,000.0	250.0	250.0	300.0	11,625.0	130
W1102	Chaparral WTP Pretreatment	(1,654.7)	10,000.0	-	22,000.0	-	-	32,000.0	130
V0501	Core North/South Wastewater	(282.9)	2,598.0	-	-	-	-	2,598.0	123
W0501	Core North/South Water	(2,430.4)	3,498.0	-	-	-	-	3,498.0	131
W8515	Deep Well Recharge/Recovery Facilities	(881.4)	5,100.0	-	-	-	-	5,100.0	131
V0902	Downtown Wastewater Trunk Lines	(1,798.4)	5,700.0	-	-	-	-	5,700.0	123
W0901	Downtown Water Transmission Lines	(1,049.9)	6,400.0	-	-	-	-	6,400.0	131
TEMP977	Gravity Thickener	-	-	3,500.0	-	-	-	3,500.0	132
V1201	Hydrogen Sulfide Mitigation	-	800.0	4,000.0	-	-	-	4,800.0	124
W1103	IWDS Improvements	-	500.0	-	-	-	-	500.0	132
W8525	Master Plan – Water	(2,066.4)	3,316.8	-	500.0	-	-	3,816.8	132
V8620	Master Plan – Water Reclamation	(1,869.7)	3,533.4	-	250.0	-	-	3,783.4	124

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Division

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Water Resources</b>									
V4001	Radio Telemetry Monitoring Automation Citywide - Wastewater	(648.1)	1,055.5	100.0	100.0	100.0	50.0	1,405.5	124
W4001	Radio Telemetry Monitoring Automation Citywide (Water)	(1,598.8)	2,114.4	100.0	100.0	100.0	125.0	2,539.4	133
W0503	Regional GAC Regeneration Facility	(201.1)	500.0	-	-	-	-	500.0	133
V0502	RWDS Improvements	(457.0)	3,075.0	-	-	-	-	3,075.0	125
V0402	SROG Sewage Transmission Line	(9,379.0)	14,267.0	-	3,000.0	13,000.0	-	30,267.0	125
V1102	SROG Wastewater Plant Expans. UP10	-	1,000.0	-	-	21,500.0	-	22,500.0	126
* Y1124	SROG Wastewater Treatment Plant	(44.9)	564.0	-	-	-	-	564.0	126
* Y1224	SROG Wastewater Treatment Plant	-	1,960.0	1,225.0	500.0	500.0	1,025.0	5,210.0	126
V0706	SROG Water Reclamation Capacity Management	(568.3)	1,016.3	-	-	-	-	1,016.3	127
V0802	SROG Water Reclamation Plant Expansion UP05	(7,785.1)	11,800.0	-	-	-	-	11,800.0	127
V3704	Wastewater Collection System Improvements	(24,871.6)	47,689.0	6,000.0	8,000.0	5,000.0	5,000.0	71,689.0	128
V0703	Wastewater Oversizing	(1,748.8)	1,985.7	-	-	-	-	1,985.7	128
W1101	Water and Sewer System Optimization	(384.4)	1,500.0	-	-	-	-	1,500.0	133
V1101	Water Campus Chlorine Generation	-	10,000.0	-	-	-	-	10,000.0	129
W9912	Water Distribution System Improvements	(34,961.8)	57,360.0	2,500.0	7,000.0	5,000.0	4,000.0	75,860.0	134
W0710	Water Oversizing	(7,598.3)	8,204.5	-	-	-	-	8,204.5	134
W0801	Water Participation Program	(208.9)	1,750.0	250.0	500.0	500.0	500.0	3,500.0	134
W0205	Water Quality Improvements – Southern Neighborhoods	(10,347.3)	17,500.0	-	-	-	-	17,500.0	135
W0709	Water Quality Regulatory Compliance Programs	(732.6)	2,100.0	-	-	-	-	2,100.0	135
V0801	Water Reclamation Participation Program	(1,043.2)	4,000.0	500.0	750.0	750.0	750.0	6,750.0	129
V0704	Water Reclamation Security Enhancements	(631.1)	1,976.0	550.0	-	-	100.0	2,626.0	129
* Y1227	Water System Architect/Engineer Services	-	100.0	100.0	100.0	100.0	100.0	500.0	136
* Y1127	Water System Architect/Engineer Services	(20.1)	100.0	-	-	-	-	100.0	135
* Y1126	Water System Security Enhancements	(222.3)	350.0	-	-	-	-	350.0	136
* Y1026	Water System Security Enhancements	(464.8)	474.0	-	-	-	-	474.0	136
* Y1226	Water System Security Enhancements	-	350.0	350.0	350.0	100.0	100.0	1,250.0	137
W4708	Well Sites	(21,610.3)	26,142.1	-	-	-	-	26,142.1	137
W0708	Well Sites Rehabilitation	(468.9)	3,500.0	500.0	-	-	-	4,000.0	137
W1104	WestWorld Improvements	-	500.0	-	-	-	-	500.0	137
W0603	Zone 14-16 Water Improvements	(5,592.8)	6,000.0	-	-	-	10,000.0	16,000.0	138

\*Recurring Capital Maintenance Projects.



---

FY 2011/12 Adopted Budget

---

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Community Facilities</b>									
<b>Library/Library Improvements</b>									
P0601	Civic Center Library Improvements	(212.2)	945.0	-	-	-	-	945.0	42
G1106	State Grant-In-Aid for Civic Center Library Construction	(11.4)	25.0	-	-	-	-	25.0	42
<b>Neighborhood and Community</b>									
D0812	Additional and Upgraded RVs	(94.2)	190.0	-	-	-	-	190.0	43
D0211	Loloma District Museum	(971.2)	1,721.0	5,779.0	-	-	-	7,500.0	43
B0706	Loloma District-Stagebrush Theater Relocation	-	1,600.0	-	-	-	-	1,600.0	43
D0705	North Bank and Goldwater Underpass	(2,372.7)	2,400.0	-	-	-	-	2,400.0	44
D0205	Scottsdale Road Preservation Streetscape Enhancement	(15,359.7)	26,940.0	-	-	-	-	26,940.0	44
D0508	SkySong - ASU Scottsdale Center for Innovation	(32,643.0)	38,173.0	-	-	-	-	38,173.0	44
D0706	Soleri Bridge and Plaza	(2,470.6)	2,561.3	-	-	-	-	2,561.3	45
D1102	Tony Nelssen Equestrian Center Expansion	-	650.0	-	-	-	-	650.0	45
Z9409	Tourism Related Project Contingency	-	27,500.0	-	-	-	-	27,500.0	45
P1105	TPC Golf Course Lake Edge Improvements	-	350.0	-	-	-	-	350.0	46
D0902	WestWorld ADA	(387.4)	525.0	-	-	-	-	525.0	46
D1103	WestWorld Brett's Barn Demolition	-	60.0	-	-	-	-	60.0	46
D0805	WestWorld Horse Barns, Telecom and Connectivity	(5,626.7)	5,628.6	-	-	-	-	5,628.6	46
D0811	WestWorld Paving	(947.0)	1,198.0	-	-	-	-	1,198.0	47
D0808	WestWorld Shading and Landscaping	(139.7)	140.0	-	-	-	-	140.0	47
D0806	WestWorld Show Offices and Restroom	(1,007.5)	1,009.0	-	-	-	-	1,009.0	47
<b>Parks/Park Improvements</b>									
P1104	Ballfield Netting Safety Improvement	(93.6)	98.0	-	-	-	-	98.0	48
G1002	Eldorado ADA Project - Grant	(238.2)	281.7	-	-	-	-	281.7	48
P0712	McCormick Ranch Park Model Railroad Museum	(3,235.2)	4,568.0	-	-	-	-	4,568.0	48
* Y1113	Scottsdale Stadium Infrastructure Improvements	-	250.0	-	-	-	-	250.0	49
* Y1213	Scottsdale Stadium Infrastructure Improvements	-	250.0	112.0	112.0	112.0	112.0	698.0	49
P9904	Sports Lighting Expansion & Upgrade	(3,757.0)	4,450.7	-	-	-	-	4,450.7	49
P0707	Troon North Park	(4,180.7)	4,870.1	-	-	-	-	4,870.1	50
<b>Drainage and Flood Control</b>									
<b>Drainage and Flood Control</b>									
F1002	Black Hill Tank Dam Removal	(170.1)	175.0	-	-	-	-	175.0	52
F0401	East Union Hills Interceptor Channel	(245.8)	1,940.8	-	-	-	-	1,940.8	52
F0201	Granite Reef Watershed	(709.4)	29,410.6	8,167.4	-	-	-	37,578.0	52
F0801	Levee Certification and Rehabilitation	(395.6)	400.0	-	-	-	-	400.0	53
F0701	Loop 101 Detention Basin	(908.6)	5,147.0	-	-	-	-	5,147.0	53
F0602	Loop 101 Outlet Storm Drain	-	3,445.0	-	-	-	-	3,445.0	53

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b><u>Drainage and Flood Control</u></b>								
<b>Drainage and Flood Control</b>								
* Y1105	Neighborhood Stormwater Management Improvements	(93.2)	1,082.0	-	-	-	1,082.0	54
* Y1205	Neighborhood Stormwater Management Improvements	-	695.0	112.8	80.0	80.0	1,047.8	54
F0503	Pima Road Drainage System	(1,543.0)	6,398.8	-	-	-	6,398.8	54
F0605	Powerline Interceptor Channel	(2.8)	2,228.0	-	-	-	2,228.0	55
F0603	South Scottsdale Road Drainage Corridor	(1,638.9)	2,967.2	-	-	-	2,967.2	55
F1003	Troon North Park Basin Expansion	(1,232.5)	1,400.0	-	-	-	1,400.0	55
F0203	Upper Camelback Wash Watershed	(4,912.4)	14,497.2	-	-	-	14,497.2	56
<b><u>Preservation</u></b>								
<b>Preservation/Preservation Improvements</b>								
TEMP983	Browns Ranch Area Trail Construction	-	-	325.0	-	-	325.0	58
P1102	Brown's Ranch Trailhead	(10.1)	3,875.0	-	-	-	3,875.0	58
D0702	Construction of Rock Knob and Connecting Preserve Trails	-	350.0	-	-	-	350.0	58
P0609	Construction of Trails Supporting the Gateway to the Preserve	(329.2)	330.0	-	-	-	330.0	59
D1001	Desert Discovery Center	-	500.0	-	-	-	500.0	59
D1101	Desert Discovery Phase III	-	80.0	-	-	-	80.0	59
P0505	Expanded McDowell Sonoran Preserve	(121,393.2)	296,000.0	-	-	-	296,000.0	60
P0608	Gateway to the Preserve Amenities	(3,927.7)	4,000.0	-	-	-	4,000.0	60
P1001	Granite Mountain Trail Restoration and Mitigation	-	500.0	-	-	-	500.0	60
P1101	Interior Preserve Trail	-	400.0	-	-	-	400.0	61
P1201	Sunrise Trailhead Paving	-	50.0	-	-	-	50.0	61
P0902	Tom's Thumb Trailhead	(393.9)	3,300.0	-	-	-	3,300.0	61
P9035	Trail Development/Acquisition	(1,312.8)	3,220.5	-	-	-	3,220.5	62
D1104	WestWorld Electrical Expansion & Upgrades	-	325.0	-	-	-	325.0	62
<b><u>Public Safety</u></b>								
<b>Fire Protection</b>								
B0803	Cactus Acres Fire Station 8	(5,493.5)	6,090.9	-	-	-	6,090.9	64
B0403	Desert Foothills Fire Station 13	(1,286.6)	3,275.0	-	-	-	3,275.0	64
B0601	Eldorado Park Fire Station 1-Relocate Existing S. Quadrant	(3,530.2)	4,341.8	-	-	-	4,341.8	64
<b>Police</b>								
M1203	Cellular Intercept Module Upgrade	-	163.0	-	-	-	163.0	65
* Y1203	Crime Laboratory Equipment Replacement	-	95.0	72.5	102.5	210.0	610.0	65
* Y1103	Crime Laboratory Equipment Replacement	-	145.0	-	-	-	145.0	65
B0504	District 1 Police Facilities	(10,663.1)	10,771.0	-	-	-	10,771.0	66
M0810	Police Advanced Mobile Upgrades	(471.6)	768.3	-	-	-	768.3	66
M1204	Police K9 Training Facility	-	53.8	-	-	-	53.8	66
M1205	Police Mobile Command Center	-	800.0	-	-	-	800.0	67
B0302	Police Operational Support Building	(31,559.9)	31,911.2	-	-	-	31,911.2	67

\*Recurring Capital Maintenance Projects.

**Five-Year Capital Improvement Plan**  
**FY 2011/12 - 2015/16 Sorted by Program**  
(In thousands of dollars)

Project #	Project Name	Estimated Expenditures Thru 06/30/11	Estimated Expenditures					Total	Page #
			FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast		
<b>Public Safety</b>									
<b>Police</b>									
* Y1106	Police Portable and Vehicle Radio Replacement	-	3,976.2	-	-	-	-	3,976.2	67
* Y1206	Police Portable and Vehicle Radio Replacement	-	552.8	551.3	644.5	760.2	423.2	2,932.0	68
B1004	Police Tenant Improvements	-	200.0	-	-	-	-	200.0	68
<b>Service Facilities</b>									
<b>Municipal Facilities/Improvements</b>									
B0809	Corporation Yard Fleet Maintenance Facility Expansion	(4,398.6)	4,890.0	-	-	-	-	4,890.0	71
B0804	Corporation Yard Truck Wash	(246.3)	250.0	-	-	-	-	250.0	71
B0508	Courts – Customer Service Enhancement	(191.1)	225.0	-	-	-	-	225.0	71
B0805	Facilities Management Information System	(296.2)	294.0	-	-	-	-	294.0	72
* Y1001	Facilities Repair and Maintenance Program	(1,198.2)	1,326.0	-	-	-	-	1,326.0	72
* Y1201	Facilities Repair and Maintenance Program	-	671.5	652.5	1,410.0	2,120.0	1,995.0	6,849.0	72
* Y1101	Facilities Repair and Maintenance Program	(148.5)	900.0	-	-	-	-	900.0	73
B0808	Fuel/Fleet Maintenance Facility - McKellips Service Center.	(4,299.7)	4,319.8	-	-	-	-	4,319.8	73
B0807	Plan Review Office Efficiency Renovation	(40.3)	65.0	-	-	-	-	65.0	73
B0902	Transfer Station Expansion	(878.6)	3,675.0	-	-	-	-	3,675.0	74
<b>Technology Improvements</b>									
Z9400	CIP Contingency	-	6,500.0	4,500.0	4,500.0	4,500.0	4,500.0	24,500.0	75
Z9401	CIP Contingency for Future Grants	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	75
M0714	Computer Facility Infrastructure Improvements	(527.0)	673.4	-	-	-	-	673.4	75
M9906	Document Management System - Courts	(233.0)	400.0	-	-	-	-	400.0	76
M0701	Financial Systems Upgrade	(531.3)	1,021.3	220.0	-	-	-	1,241.3	76
M0904	Human Resources Automation System	(56.0)	90.0	-	-	-	-	90.0	76
M1201	Information Technology - Information Lifecycle Management	-	210.0	-	-	-	-	210.0	77
M1202	Information Technology - LAN Core Switch Upgrade	-	625.0	100.0	-	-	-	725.0	77
* Y1107	Information Technology - Network Infrastructure	(93.8)	380.6	-	-	-	-	380.6	78
* Y1207	Information Technology - Network Infrastructure	-	320.1	417.0	320.1	447.2	370.1	1,874.5	79
* Y1007	Information Technology – Network Infrastructure	(310.9)	355.0	-	-	-	-	355.0	80
* Y1110	Information Technology - PC Equipment	(923.7)	1,433.0	-	-	-	-	1,433.0	81
M0205	Information Technology – Security Investment	(334.0)	337.6	-	-	-	-	337.6	82
* Y1108	Information Technology - Server Infrastructure	(141.5)	893.8	-	-	-	-	893.8	83
* Y1208	Information Technology - Server Infrastructure	-	669.1	507.2	728.4	1,266.0	924.8	4,095.5	82

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures Thru 06/30/11	Estimated Expenditures					Total	Page #
			FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast		
<b>Service Facilities</b>									
<b>Technology Improvements</b>									
* Y1008	Information Technology – Server Infrastructure	(1,037.4)	1,257.3	-	-	-	-	1,257.3	84
M0906	Information Technology - Telephone System Upgrade	(129.8)	630.0	-	-	-	-	630.0	84
M0506	Information Technology – Web Content Management SW	(234.1)	298.4	-	-	-	-	298.4	84
M1101	Mobile Network Software	-	346.4	-	-	-	-	346.4	85
M0707	Network Infrastructure Extension	(698.7)	862.5	-	-	-	-	862.5	85
M0512	Police – Fashion Square Radio Treatment	(11.2)	225.0	-	-	-	-	225.0	85
M0401	Police – Records Management and CAD System Replacement	(4,248.8)	4,525.0	-	-	-	-	4,525.0	86
M0907	Public Safety Microwave Radio	(2,175.3)	2,550.0	-	-	-	-	2,550.0	86
M0615	Public Safety Radio System - Phase I	(21,005.0)	22,050.0	-	-	-	-	22,050.0	86
M0706	Wide Area Network Fiber	(110.5)	465.8	-	-	-	-	465.8	87
M0802	Work Order System Upgrade/Replacement	(44.0)	656.3	-	-	-	-	656.3	87
<b>Transportation</b>									
<b>Aviation/Aviation Improvements</b>									
A1101	ADA Facility Compliance	-	25.0	-	-	-	-	25.0	92
A0509	Airport - Future Grants	-	5,500.0	-	-	-	-	5,500.0	92
A0706	Airport Master Plan	(100.7)	550.7	-	-	-	-	550.7	92
A0710	Airport Pavement Preservation Program	(469.0)	623.0	75.0	-	-	-	698.0	93
A0901	Airport Runway Resurfacing Project	(2,718.1)	2,000.0	-	-	-	-	2,000.0	93
A0903	Airport Security System Improvements	(0.1)	150.0	200.0	-	-	-	350.0	93
A1102	Airport Sweeper Replacement	(187.4)	190.0	-	-	-	-	190.0	93
A1202	Airport Terminal Area Signage Upgrade	-	200.0	-	-	-	-	200.0	94
TEMP972	Apron Reconstruction - Delta Apron	-	-	300.0	2,700.0	-	-	3,000.0	94
A0709	Apron Reconstruction - Landmark and Transient	(87.3)	7,563.2	-	-	-	-	7,563.2	94
A0504	Aviation Grant Match Contingency	-	450.0	-	-	-	-	450.0	94
A1201	Construct Airport Operations/Maintenance	-	300.0	2,000.0	-	-	-	2,300.0	95
A0704	Design and Construct Greenway Hangar Connectors	(172.9)	160.0	-	-	-	-	160.0	95
A0705	Design and Construct Retention Basin Improvements	-	270.3	-	-	-	-	270.3	95
TEMP971	Environmental Assessment for Land Acquisition	-	-	250.0	-	-	-	250.0	96
TEMP974	Overlay Taxiway "B" and Exits	-	-	-	-	150.0	1,350.0	1,500.0	96
A0601	Perimeter Road Construction	(180.1)	175.1	-	-	-	-	175.1	96
TEMP973	Reconstruct and Strengthen Runway 03/21	-	-	-	600.0	5,400.0	-	6,000.0	97
A1204	Reconstruct Taxiway "A" and Exits	-	900.0	8,100.0	-	-	-	9,000.0	97
TEMP975	Reconstruct Taxiway "C"	-	-	-	-	35.0	315.0	350.0	97
A0802	Runway Safety Enhancements Phase 2	(922.5)	4,970.0	-	-	-	-	4,970.0	98
A0603	Taxiway Connectors Construction	(53.0)	296.7	-	-	-	-	296.7	98

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

## FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Transportation</b>									
<b>Aviation/Aviation Improvements</b>									
A1203	Terminal Apron Taxilane Reconstruction	-	250.0	-	-	-	-	250.0	98
<b>Streets/Street Improvements</b>									
S1103	Airpark Area Access Projects Phase I	-	2,775.0	4,193.0	11,848.0	12,986.0	-	31,802.0	99
S1102	Arizona Canal - 64th Street to Goldwater Blvd.	-	300.0	-	-	-	-	300.0	99
G1201	Arizona Canal - 64th Street to Goldwater Blvd. - Grant	-	2,323.8	-	-	-	-	2,323.8	99
* Y0718	CIP Advance Planning Program	(2,162.1)	2,257.4	-	-	-	-	2,257.4	100
S0304	Frank Lloyd Wright-Scottsdale Rd to Shea	(302.6)	1,763.5	-	-	-	-	1,763.5	100
S0402	Indian Bend Road - Scottsdale to Hayden	(25,325.2)	25,780.0	-	-	-	-	25,780.0	100
G1107	Mill and Overlay Projects Phase 2	-	831.9	-	-	-	-	831.9	101
* Y1229	Pavement Overlay Program	-	1,500.0	2,500.0	2,500.0	2,500.0	2,500.0	11,500.0	101
S1101	Pima Road - McDowell to 90th Street	(2.9)	22,954.5	18,652.1	7,204.4	-	-	48,811.0	101
S0901	Pima Road - Thompson Peak to Pinnacle Peak Rd.	(21,840.3)	26,507.3	-	-	-	-	26,507.3	102
S7005	Scottsdale Road - Frank Lloyd Wright to Thompson Peak Parkway	(31,084.2)	49,074.5	-	-	-	-	49,074.5	102
S0311	Scottsdale Road - Thompson Peak Parkway to Pinnacle Peak	(1,255.3)	13,738.3	3,791.8	-	-	-	17,530.1	103
<b>Traffic/Traffic Reduction</b>									
TEMP872	Hayden Road / Camelback Intersection Improvements	-	-	-	-	-	2,760.0	2,760.0	104
TEMP871	Hayden Road / Chaparral Intersection Improvements	-	-	-	1,760.0	-	-	1,760.0	104
TEMP976	Hayden/Thomas Safety Improvements	-	110.0	1,100.0	-	-	-	1,210.0	104
* Y1119	Intersection Mobility Enhancements	(671.1)	1,700.0	-	-	-	-	1,700.0	105
* Y1219	Intersection Mobility Enhancements	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0	105
T0902	ITS/Signal System Upgrades	(0.1)	249.1	1,000.0	700.0	700.0	-	2,649.1	105
G1202	ITS/Signal System Upgrades - Grant	-	249.1	-	300.0	300.0	500.0	1,349.1	106
T1001	McDowell Road ITS Corridor	(0.2)	350.0	-	-	-	-	350.0	106
* Y0821	Neighborhood Traffic Management Program	(346.4)	1,000.0	-	-	-	-	1,000.0	106
* Y0721	Neighborhood Traffic Management Program	(1,206.0)	1,394.0	-	-	-	-	1,394.0	106
* Y1221	Neighborhood Traffic Management Program	-	250.0	250.0	250.0	250.0	250.0	1,250.0	107
* Y1121	Neighborhood Traffic Management Program	(87.4)	500.0	-	-	-	-	500.0	107
G1104	Scottsdale Road ITS - Grant	(472.5)	522.7	-	-	-	-	522.7	107
* Y1222	Traffic Management Program - ITS	-	500.0	500.0	500.0	500.0	500.0	2,500.0	108
* Y0722	Traffic Management Program - ITS	(7,065.6)	8,388.1	-	-	-	-	8,388.1	107
* Y1122	Traffic Management Program - ITS	(269.8)	500.0	-	-	-	-	500.0	108
* Y1023	Traffic Signal Program	(343.6)	390.0	-	-	-	-	390.0	108
TEMP868	Trail Improvement Program	-	-	-	650.0	650.0	500.0	1,800.0	108
<b>Transit/Transit Improvements</b>									
TEMP738	Arizona Canal Path: McDonald to Indian Bend Wash	-	-	-	2,661.7	-	-	2,661.7	109

\*Recurring Capital Maintenance Projects.



# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #	
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast			FY2015/16 Forecast
<b>Transportation</b>									
<b>Transit/Transit Improvements</b>									
TEMP692	Arizona Canal Path-Chaparral to McDonald	-	-	2,100.0	-	-	-	2,100.0	109
* Y1228	Bikeways Program	-	500.0	500.0	750.0	750.0	750.0	3,250.0	110
* Y1128	Bikeways Program	(16.2)	750.0	-	-	-	-	750.0	110
* Y1028	Bikeways Program	(792.2)	1,951.2	-	-	-	-	1,951.2	109
* Y1117	Bus Stop Improvements	-	200.0	-	-	-	-	200.0	111
* Y1217	Bus Stop Improvements	-	150.0	150.0	150.0	150.0	150.0	750.0	111
* Y0817	Bus Stop Improvements	(85.2)	400.0	-	-	-	-	400.0	111
* Y1017	Bus Stop Improvements	(276.0)	576.0	-	-	-	-	576.0	110
T1101	Bus/Trolley Acquisition	-	442.4	-	-	-	-	442.4	112
T0703	Cross Cut Canal Multiuse Path Phase II	(436.5)	481.0	-	-	-	-	481.0	112
G1003	Cross Cut Canal Multiuse Path Phase II - Grant MAG	-	882.3	-	-	-	-	882.3	112
T0801	Downtown Pedestrian Improvements	(249.9)	600.0	-	-	-	-	600.0	112
T0604	Indian Bend Wash Path Connection	(434.5)	598.3	-	-	-	-	598.3	113
G1013	Indian Bend Wash Path Connection - Grant	(894.6)	907.5	-	-	-	-	907.5	113
T0605	McDowell Road Bicycle and Pedestrian Improvements	(1,466.1)	3,004.4	-	-	-	-	3,004.4	113
G1101	McDowell Road Bicycle and Pedestrian Improvements - Grant	-	600.0	-	-	-	-	600.0	114
G1010	Mustang Park & Ride - Grant	-	4,475.8	-	-	-	-	4,475.8	114
T9902	Mustang Park and Ride	(9.6)	2,237.8	-	-	-	-	2,237.8	114
T0502	Mustang Transit Passenger Facility	(55.6)	1,502.8	-	-	-	-	1,502.8	115
G1008	Mustang Transit Passenger Facility - Grant	-	747.2	-	-	-	-	747.2	115
G1005	North Bank & Goldwater Underpass - Grant	(352.8)	337.6	-	-	-	-	337.6	115
T0704	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I	(0.5)	203.8	-	-	-	-	203.8	115
G1103	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I - Grant	(5,865.1)	7,258.4	-	-	-	-	7,258.4	116
T0705	Scottsdale Road Pedestrian & Bicycle Improvements, Phase II	(1.1)	814.0	-	-	-	-	814.0	116
G1012	Scottsdale Road Pedestrian and Bicycle Improvements Phase II - Grant	-	658.0	-	-	-	-	658.0	116
T0901	Scottsdale/Thunderbird Park and Ride	(81.0)	2,853.8	-	-	-	-	2,853.8	117
G1014	Scottsdale/Thunderbird Park and Ride Facility - Grant	(469.9)	7,704.2	-	-	-	-	7,704.2	117
* Y1120	Sidewalk Improvements	(9.8)	500.0	-	-	-	-	500.0	117
* Y1220	Sidewalk Improvements	-	350.0	350.0	350.0	350.0	350.0	1,750.0	118
* Y1020	Sidewalk Improvements	(296.0)	809.0	-	-	-	-	809.0	117
T0601	Skysong Center Transit Passenger Facility	(485.5)	1,034.3	-	-	-	-	1,034.3	118
G1009	Skysong Center Transit Passenger Facility - Grant	-	3,583.1	-	-	-	-	3,583.1	118
T0606	Thomas Road Bicycle Lanes and Enhanced Sidewalks	(1,295.3)	4,613.9	-	-	-	-	4,613.9	118
T0607	Transit Vehicle Refurbishment	-	400.0	-	-	-	-	400.0	119

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #	
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast			FY2015/16 Forecast
<b>Water Management</b>									
<b>Wastewater Improvements</b>									
V0901	Advanced Water Treatment Plant - Phase 4	(38,589.4)	59,300.0	-	-	-	-	59,300.0	123
V0501	Core North/South Wastewater	(282.9)	2,598.0	-	-	-	-	2,598.0	123
V0902	Downtown Wastewater Trunk Lines	(1,798.4)	5,700.0	-	-	-	-	5,700.0	123
V1201	Hydrogen Sulfide Mitigation	-	800.0	4,000.0	-	-	-	4,800.0	124
V8620	Master Plan – Water Reclamation	(1,869.7)	3,533.4	-	250.0	-	-	3,783.4	124
V4001	Radio Telemetry Monitoring Automation Citywide - Wastewater	(648.1)	1,055.5	100.0	100.0	100.0	50.0	1,405.5	124
G1001	Reclamation Facilities Blower Replacements	(1,047.4)	1,095.0	-	-	-	-	1,095.0	125
V0502	RWDS Improvements	(457.0)	3,075.0	-	-	-	-	3,075.0	125
V0402	SROG Sewage Transmission Line	(9,379.0)	14,267.0	-	3,000.0	13,000.0	-	30,267.0	125
V1102	SROG Wastewater Plant Expans. UP10	-	1,000.0	-	-	21,500.0	-	22,500.0	126
* Y1124	SROG Wastewater Treatment Plant	(44.9)	564.0	-	-	-	-	564.0	126
* Y1224	SROG Wastewater Treatment Plant	-	1,960.0	1,225.0	500.0	500.0	1,025.0	5,210.0	126
V0706	SROG Water Reclamation Capacity Management	(568.3)	1,016.3	-	-	-	-	1,016.3	127
V0802	SROG Water Reclamation Plant Expansion UP05	(7,785.1)	11,800.0	-	-	-	-	11,800.0	127
V3704	Wastewater Collection System Improvements	(24,871.6)	47,689.0	6,000.0	8,000.0	5,000.0	5,000.0	71,689.0	128
V0703	Wastewater Oversizing	(1,748.8)	1,985.7	-	-	-	-	1,985.7	128
V1101	Water Campus Chlorine Generation	-	10,000.0	-	-	-	-	10,000.0	129
V0801	Water Reclamation Participation Program	(1,043.2)	4,000.0	500.0	750.0	750.0	750.0	6,750.0	129
V0704	Water Reclamation Security Enhancements	(631.1)	1,976.0	550.0	-	-	100.0	2,626.0	129
<b>Water Improvements</b>									
Z0901	Acquisition of Service Area from AZ American Water Company	-	10,000.0	-	-	-	-	10,000.0	130
W9903	Booster Station Upgrades	(1,551.9)	6,825.0	4,000.0	250.0	250.0	300.0	11,625.0	130
W1102	Chaparral WTP Pretreatment	(1,654.7)	10,000.0	-	22,000.0	-	-	32,000.0	130
W0501	Core North/South Water	(2,430.4)	3,498.0	-	-	-	-	3,498.0	131
W8515	Deep Well Recharge/Recovery Facilities	(881.4)	5,100.0	-	-	-	-	5,100.0	131
W0901	Downtown Water Transmission Lines	(1,049.9)	6,400.0	-	-	-	-	6,400.0	131
TEMP977	Gravity Thickener	-	-	3,500.0	-	-	-	3,500.0	132
W1103	IWDS Improvements	-	500.0	-	-	-	-	500.0	132
W8525	Master Plan – Water	(2,066.4)	3,316.8	-	500.0	-	-	3,816.8	132
W4001	Radio Telemetry Monitoring Automation Citywide (Water)	(1,598.8)	2,114.4	100.0	100.0	100.0	125.0	2,539.4	133
W0503	Regional GAC Regeneration Facility	(201.1)	500.0	-	-	-	-	500.0	133
W1101	Water and Sewer System Optimization	(384.4)	1,500.0	-	-	-	-	1,500.0	133
W9912	Water Distribution System Improvements	(34,961.8)	57,360.0	2,500.0	7,000.0	5,000.0	4,000.0	75,860.0	134
W0710	Water Oversizing	(7,598.3)	8,204.5	-	-	-	-	8,204.5	134
W0801	Water Participation Program	(208.9)	1,750.0	250.0	500.0	500.0	500.0	3,500.0	134
W0205	Water Quality Improvements – Southern Neighborhoods	(10,347.3)	17,500.0	-	-	-	-	17,500.0	135

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

FY 2011/12 - 2015/16 Sorted by Program

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Water Management</b>									
<b>Water Improvements</b>									
W0709	Water Quality Regulatory Compliance Programs	(732.6)	2,100.0	-	-	-	-	2,100.0	135
* Y1127	Water System Architect/Engineer Services	(20.1)	100.0	-	-	-	-	100.0	135
* Y1227	Water System Architect/Engineer Services	-	100.0	100.0	100.0	100.0	100.0	500.0	136
* Y1226	Water System Security Enhancements	-	350.0	350.0	350.0	100.0	100.0	1,250.0	137
* Y1126	Water System Security Enhancements	(222.3)	350.0	-	-	-	-	350.0	136
* Y1026	Water System Security Enhancements	(464.8)	474.0	-	-	-	-	474.0	136
W4708	Well Sites	(21,610.3)	26,142.1	-	-	-	-	26,142.1	137
W0708	Well Sites Rehabilitation	(468.9)	3,500.0	500.0	-	-	-	4,000.0	137
W1104	WestWorld Improvements	-	500.0	-	-	-	-	500.0	137
W0603	Zone 14-16 Water Improvements	(5,592.8)	6,000.0	-	-	-	10,000.0	16,000.0	138

\*Recurring Capital Maintenance Projects.

# Five-Year Capital Improvement Plan

## Operating Impacts (In thousands of dollars)

Project #	Project Name	Forecast FY2012/13	Forecast FY2013/14	Forecast FY2014/15	Forecast FY2015/16	Total	Page #
TEMP983	Browns Ranch Area Trail Construction	-	12.0	12.0	12.0	36.0	58
M0714	Computer Facility Infrastructure Improvements	10.0	10.0	10.0	10.0	40.0	75
B0809	Corporation Yard Fleet Maintenance Facility Expansion	77.4	77.4	77.4	77.4	309.6	71
B0804	Corporation Yard Truck Wash	8.0	8.0	8.0	8.0	32.0	71
T0703	Cross Cut Canal Multiuse Path Phase II	4.0	4.0	4.0	4.0	16.0	112
B0403	Desert Foothills Fire Station 13	100.0	100.0	100.0	100.0	400.0	64
M9906	Document Management System - Courts	10.0	10.0	10.0	10.0	40.0	76
S0304	Frank Lloyd Wright-Scottsdale Rd to Shea	1.4	1.4	1.4	1.4	5.6	100
B0808	Fuel/Fleet Maintenance Facility - McKellips Service Center.	77.4	77.4	77.4	77.4	309.6	73
P0608	Gateway to the Preserve Amenities	12.0	12.0	12.0	12.0	48.0	60
S0402	Indian Bend Road – Scottsdale to Hayden	23.8	23.8	23.8	23.8	95.2	100
T0604	Indian Bend Wash Path Connection	0.6	0.6	0.6	0.6	2.4	113
T9902	Mustang Park and Ride	4.0	4.0	4.0	4.0	16.0	114
T0502	Mustang Transit Passenger Facility	4.0	4.0	4.0	4.0	16.0	115
S0901	Pima Road – Thompson Peak to Pinnacle Peak Rd.	39.0	39.0	39.0	39.0	156.0	102
M1204	Police K9 Training Facility	7.5	7.5	7.5	7.5	30.0	66
M1205	Police Mobile Command Center	17.0	17.0	17.0	17.0	68.0	67
S0311	Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak	10.0	10.0	10.0	10.0	40.0	103
T0704	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I	14.3	14.3	14.3	14.3	57.2	115
T0705	Scottsdale Road Pedestrian & Bicycle Improvements, Phase II	6.0	6.0	6.0	6.0	24.0	116
D0205	Scottsdale Road Preservation Streetscape Enhancement	50.0	50.0	50.0	50.0	200.0	44
T0901	Scottsdale/Thunderbird Park and Ride	4.0	4.0	4.0	4.0	16.0	117
T0601	Skysong Center Transit Passenger Facility	44.3	44.3	44.3	44.3	177.2	118
P0902	Tom's Thumb Trailhead	12.0	12.0	12.0	12.0	48.0	61
P9035	Trail Development/Acquisition	8.0	8.0	8.0	8.0	32.0	62
M0706	Wide Area Network Fiber	5.0	5.0	5.0	5.0	20.0	87
M0802	Work Order System Upgrade/Replacement	79.8	79.8	79.8	79.8	319.2	87
<b>Total Forecasted Operating Impacts</b>		<b>629.5</b>	<b>641.5</b>	<b>641.5</b>	<b>641.5</b>	<b>2,554.0</b>	

Notes: Operating impacts relating to projects scheduled for completion in FY 2011/12 have been included in the appropriate divisional operating budget.



---

FY 2011/12 Adopted Budget

---

# Project Descriptions

## Community Facilities

(In thousands of dollars)

Community Facilities programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained by providing neighborhood recreations facilities, parks and libraries. These recreational needs are met by providing parks, park improvements, multiuse paths, neighborhood enhancements, youth sports lighting, aquatic centers, library facilities and senior centers. Approximately 4.4% (\$24.5 million) of the CIP has been identified to address the needs of this program.

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Community Facilities</b>									
<b>Library/Library Improvements</b>									
P0601	Civic Center Library Improvements	(212.2)	945.0	-	-	-	-	945.0	42
G1106	State Grant-In-Aid for Civic Center Library Construction	(11.4)	25.0	-	-	-	-	25.0	42
<b>Neighborhood and Community</b>									
D0812	Additional and Upgraded RVs	(94.2)	190.0	-	-	-	-	190.0	43
D0211	Loloma District Museum	(971.2)	1,721.0	5,779.0	-	-	-	7,500.0	43
B0706	Loloma District-Stagebrush Theater Relocation	-	1,600.0	-	-	-	-	1,600.0	43
D0705	North Bank and Goldwater Underpass	(2,372.7)	2,400.0	-	-	-	-	2,400.0	44
D0205	Scottsdale Road Preservation Streetscape Enhancement	(15,359.7)	26,940.0	-	-	-	-	26,940.0	44
D0508	SkySong - ASU Scottsdale Center for Innovation	(32,643.0)	38,173.0	-	-	-	-	38,173.0	44
D0706	Soleri Bridge and Plaza	(2,470.6)	2,561.3	-	-	-	-	2,561.3	45
D1102	Tony Nelssen Equestrian Center Expansion	-	650.0	-	-	-	-	650.0	45
Z9409	Tourism Related Project Contingency	-	27,500.0	-	-	-	-	27,500.0	45
P1105	TPC Golf Course Lake Edge Improvements	-	350.0	-	-	-	-	350.0	46
D0902	WestWorld ADA	(387.4)	525.0	-	-	-	-	525.0	46
D1103	WestWorld Brett's Barn Demolition	-	60.0	-	-	-	-	60.0	46
D0805	WestWorld Horse Barns, Telecom and Connectivity	(5,626.7)	5,628.6	-	-	-	-	5,628.6	46
D0811	WestWorld Paving	(947.0)	1,198.0	-	-	-	-	1,198.0	47
D0808	WestWorld Shading and Landscaping	(139.7)	140.0	-	-	-	-	140.0	47
D0806	WestWorld Show Offices and Restroom	(1,007.5)	1,009.0	-	-	-	-	1,009.0	47
<b>Parks/Park Improvements</b>									
P1104	Ballfield Netting Safety Improvement	(93.6)	98.0	-	-	-	-	98.0	48
G1002	Eldorado ADA Project - Grant	(238.2)	281.7	-	-	-	-	281.7	48
P0712	McCormick Ranch Park Model Railroad Museum	(3,235.2)	4,568.0	-	-	-	-	4,568.0	48
* Y1113	Scottsdale Stadium Infrastructure Improvements	-	250.0	-	-	-	-	250.0	49
* Y1213	Scottsdale Stadium Infrastructure Improvements	-	250.0	112.0	112.0	112.0	112.0	698.0	49
P9904	Sports Lighting Expansion & Upgrade	(3,757.0)	4,450.7	-	-	-	-	4,450.7	49
P0707	Troon North Park	(4,180.7)	4,870.1	-	-	-	-	4,870.1	50

\*Recurring Capital Maintenance Projects.

# Library/Library Improvements

## P0601 - Civic Center Library Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$212.2      **Operating Impact:** \$0.0

**Location:** 3839 N. Drinkwater Blvd.

**Project Type:** Construction Related

**Description:** The project is to design and renovate four areas of the Civic Center Library to enhance service delivery for the public: the entrance lobby; the Youth Services area; the Southwest Room; and the mezzanine staff office area.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	200.6	-	-	-	-	200.6
Bond 2000 - Interest	320.9	-	-	-	-	320.9
Bond 2000 - Q1 - Parks	423.5	-	-	-	-	423.5
<b>Total:</b>	<b>945.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>945.0</b>

## G1106 - State Grant-In-Aid for Civic Center Library Construction

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$11.4      **Operating Impact:** \$0.0

**Location:** Civic Center Library remodel that will include upgrades of adult areas to provide more functional, useful and attractive space that meet the needs of the customers. The upgrades will also allow staff to function more effectively with side-by-side service, promoting self-service and providing greater visual control of the spaces.

**Project Type:** Construction Related

**Description:**

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	25.0	-	-	-	-	25.0
<b>Total:</b>	<b>25.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.0</b>

\*Recurring Capital Maintenance Projects.

## Neighborhood and Community

### D0812 - Additional and Upgraded RVs

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):**      \$94.2      **Operating Impact:**      \$0.0  
**Location:**      16601 North Pima Road, Scottsdale, AZ 85260  
**Project Type:**      Construction Related  
**Description:**      Upgrade 130 existing and add 14 new RV pedestals.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	190.0	-	-	-	-	190.0
<b>Total:</b>	<b>190.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190.0</b>

### D0211 - Loloma District Museum

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):**      \$971.2      **Operating Impact:**      \$0.0  
**Location:**      South of Main Street and east of Goldwater Boulevard  
**Project Type:**      Construction Related  
**Description:**      The Loloma District Museum is envisioned as a destination Western museum that focuses on the art, artifacts and heritage of the Southwest. It will also reinforce downtown Scottsdale as a cultural destination for both residents and visitors.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	971.0	-	-	-	-	971.0
MPC Bonds	750.0	5,779.0	-	-	-	6,529.0
<b>Total:</b>	<b>1,721.0</b>	<b>5,779.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,500.0</b>

### B0706 - Loloma District-Stagebrush Theater Relocation

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):**      \$0.0      **Operating Impact:**      \$0.0  
**Location:**      Undetermined  
**Project Type:**      Construction Related  
**Description:**      Construction of a 10 to 12 thousand square foot shell building to relocate a community theater currently located on City owned land in the Downtown area. The facility will include a theater house to seat approximately 200 patrons, stage, rehearsal areas, workshop, lobby and restrooms.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,600.0	-	-	-	-	1,600.0
<b>Total:</b>	<b>1,600.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,600.0</b>

\*Recurring Capital Maintenance Projects.



# Neighborhood and Community

## D0705 - North Bank and Goldwater Underpass

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$2,372.7    **Operating Impact:** \$0.0

**Location:** North Bank of Arizona Canal from Marshall Way to west of Scottsdale Rd

**Project Type:** Construction Related

**Description:** Build improvements along the north bank of the Arizona Canal between the Marshall Way bridge and Scottsdale Road. Improvements include lighting, landscaping and a public amphitheater. Additionally, the project includes construction of an underpass and connecting paths beneath Goldwater Blvd on the South Bank of the Canal.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,600.0	-	-	-	-	1,600.0
Contributions	400.0	-	-	-	-	400.0
Transportation 0.2% Sales Tax	400.0	-	-	-	-	400.0
<b>Total:</b>	<b>2,400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,400.0</b>

## D0205 - Scottsdale Road Preservation Streetscape Enhancement

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$15,359.7    **Operating Impact: (12/13):** \$50.0

**Location:** Along Scottsdale Road from the southern to the northern City limits.

**Project Type:** Construction Related

**Description:** Acquire, preserve and restore desert lands along Scottsdale Road, and promote its designation as a Scenic Corridor. Enhance Scottsdale Road's streetscape image along its entire length to reflect its significance as the signature roadway of the community. This project may include the modification, restoration, and/or improvement of landscaping, street hardware, street signs, overhead power lines, walkways, trails, transit facilities and public art along Scottsdale Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q3 - Scenic Corridor	26,940.0	-	-	-	-	26,940.0
<b>Total:</b>	<b>26,940.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,940.0</b>

## D0508 - SkySong - ASU Scottsdale Center for Innovation

**Est. Completion:** 08/12    **Est. ITD Expenditures (Thru 06/11):** \$32,643.0    **Operating Impact:** \$0.0

**Location:** Southeast corner of Scottsdale Road and McDowell Road

**Project Type:** Construction Related

**Description:** The City of Scottsdale and the Arizona State University Foundation (ASUF) have entered into a lease agreement for the majority of a 42-acre parcel located at the SEC of McDowell and Scottsdale Roads. The lease provides ASUF with the opportunity to develop approximately 1.2 million square feet of office, research, and retail on 37 acres of the site. In return the city will provide infrastructure to support site development as described in the lease. This project represents the City's lease responsibilities.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	38,173.0	-	-	-	-	38,173.0
<b>Total:</b>	<b>38,173.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,173.0</b>

\*Recurring Capital Maintenance Projects.

## Neighborhood and Community

### D0706 - Soleri Bridge and Plaza

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$2,470.6    **Operating Impact:** \$0.0

**Location:** Arizona Canal West of Scottsdale Road

**Project Type:** Construction Related

**Description:** Design and construction of a pedestrian bridge across the Arizona Canal west of Scottsdale Road, along with a public plaza with pedestrian amenities such as shade and seating.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	566.6	-	-	-	-	566.6
Bed Tax	-	-	-	-	-	-
Contributions	500.0	-	-	-	-	500.0
Public Art Program	928.0	-	-	-	-	928.0
Transportation 0.2% Sales Tax	566.7	-	-	-	-	566.7
<b>Total:</b>	<b>2,561.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,561.3</b>

### D1102 - Tony Nelssen Equestrian Center Expansion

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road, Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Design services to upgrade and expand the Tony Nelssen Equestrian Center.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bed Tax	650.0	-	-	-	-	650.0
<b>Total:</b>	<b>650.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>650.0</b>

### Z9409 - Tourism Related Project Contingency

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** City of Scottsdale

**Project Type:** Construction Related

**Description:** Contingency funding for possible future projects related to tourism and to be funded by Bed Tax.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bed Tax	27,500.0	-	-	-	-	27,500.0
<b>Total:</b>	<b>27,500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27,500.0</b>

\*Recurring Capital Maintenance Projects.

## Neighborhood and Community

### P1105 - TPC Golf Course Lake Edge Improvements

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** TPC Golf Course Area

**Project Type:** Construction Related

**Description:** Lake edge improvements at the TPC Golf Course. The original concrete edges and linings of the lakes on the stadium course have deteriorated over the years. These need to be rebuilt in order to conserve water in the lakes, protect the golf course and meet Bureau of Reclamation (BOR) requirements.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
TPC Basin	350.0	-	-	-	-	350.0
<b>Total:</b>	<b>350.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350.0</b>

### D0902 - WestWorld ADA

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$387.4    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road Scottsdale, AZ 8260

**Project Type:** Construction Related

**Description:** Install Equidome ramp and additional access in the Equidome arena.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	525.0	-	-	-	-	525.0
<b>Total:</b>	<b>525.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>525.0</b>

### D1103 - WestWorld Brett's Barn Demolition

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road, Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Construction demolition of WestWorld Brett's Barn.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
WestWorld Basin	60.0	-	-	-	-	60.0
<b>Total:</b>	<b>60.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60.0</b>

### D0805 - WestWorld Horse Barns, Telecom and Connectivity

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$5,628.6    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Construction of 6 new horse barns adding 264 stalls. Relocate WestWorld telecom system into a new building and upgrade telecommunications.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	5,628.6	-	-	-	-	5,628.6
<b>Total:</b>	<b>5,628.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,628.6</b>

\*Recurring Capital Maintenance Projects.

## Neighborhood and Community

### D0811 - WestWorld Paving

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$947.0    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Asphalt millings in lot K and pave Bahia access road. Add 4 light poles in Lot H for security. Pave and stripe Administration office parking lot.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,198.0	-	-	-	-	1,198.0
<b>Total:</b>	<b>1,198.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,198.0</b>

### D0808 - WestWorld Shading and Landscaping

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$139.7    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Plant trees and add structures to provide shade throughout the WestWorld facility.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	140.0	-	-	-	-	140.0
<b>Total:</b>	<b>140.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>140.0</b>

### D0806 - WestWorld Show Offices and Restroom

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$1,007.5    **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** Construct a new show office and restrooms at the Equidome. Construct new show offices at Wendell and Arena 5. Construct new restroom 3.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,009.0	-	-	-	-	1,009.0
<b>Total:</b>	<b>1,009.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,009.0</b>

\*Recurring Capital Maintenance Projects.

# Parks/Park Improvements

## P1104 - Ballfield Netting Safety Improvement

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$93.6    **Operating Impact:** \$0.0

**Location:** Scottsdale Stadium and Indian School Park

**Project Type:** Construction Related

**Description:** This project will address potential safety concerns for visitors and patrons at the Scottsdale Stadium practice fields and the Indian School Park ballfields.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	98.0	-	-	-	-	98.0
<b>Total:</b>	<b>98.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>98.0</b>

## G1002 - Eldorado ADA Project - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$238.2    **Operating Impact:** \$0.0

**Location:** Eldorado Ball Field 2311 North Miller Road

**Project Type:** Construction Related

**Description:** Design and construct ADA compliant access to the ball fields and enlarge the existing restroom building to create wider, accessible restroom stalls.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	281.7	-	-	-	-	281.7
<b>Total:</b>	<b>281.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>281.7</b>

## P0712 - McCormick Ranch Park Model Railroad Museum

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$3,235.2    **Operating Impact:** \$0.0

**Location:** Southeast corner of Scottsdale and Indian Bend Roads.

**Project Type:** Construction Related

**Description:** Proposed phased design and construction of an 8,000 to 10,000 square foot model railroad building at McCormick-Stillman Railroad Park.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	168.0	-	-	-	-	168.0
Contributions	2,000.0	-	-	-	-	2,000.0
Spec Rev - McCormick-Stillman RR	2,400.0	-	-	-	-	2,400.0
<b>Total:</b>	<b>4,568.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,568.0</b>

\*Recurring Capital Maintenance Projects.

## Parks/Park Improvements

### \* Y1113 - Scottsdale Stadium Infrastructure Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 7408 East Osborn Road  
**Project Type:** Construction Related  
**Description:** Lifecycle maintenance and replacement of aging building components in the Stadium.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	250.0	-	-	-	-	250.0
<b>Total:</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250.0</b>

### \* Y1213 - Scottsdale Stadium Infrastructure Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 7408 East Osborn Road  
**Project Type:** Construction Related  
**Description:** Lifecycle maintenance and replacement of aging building components in the Stadium.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	-	56.0	56.0	56.0	56.0	224.0
Contributions	250.0	56.0	56.0	56.0	56.0	474.0
<b>Total:</b>	<b>250.0</b>	<b>112.0</b>	<b>112.0</b>	<b>112.0</b>	<b>112.0</b>	<b>698.0</b>

### P9904 - Sports Lighting Expansion & Upgrade

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$3,757.0      **Operating Impact:** \$0.0  
**Location:** Citywide locations at existing parks, recreation facilities & schools  
**Project Type:** Construction Related  
**Description:** This project includes the replacement, upgrading or expansion of field lighting poles, fixtures, lamps and electrical service at various recreation facilities throughout the City.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	890.1	-	-	-	-	890.1
Bond 2000 - Q1 - Parks	3,399.0	-	-	-	-	3,399.0
Grants	161.6	-	-	-	-	161.6
<b>Total:</b>	<b>4,450.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,450.7</b>

\*Recurring Capital Maintenance Projects.

# Parks/Park Improvements

**P0707 - Troon North Park**

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$4,180.7      **Operating Impact:** \$0.0

**Location:** 27777 N. Alma School Parkway

**Project Type:** Construction Related

**Description:** Construct a park including 2 grass turf retention basins, a restroom building, lighted multi-sport hard courts, playground and parking on a 34-acre site located along the east side of Alma School Parkway near Pinnacle Vista Drive.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q1 - Parks	4,870.1	-	-	-	-	4,870.1
<b>Total:</b>	<b>4,870.1</b>	-	-	-	-	<b>4,870.1</b>

\*Recurring Capital Maintenance Projects.

## Project Descriptions

### Drainage/Flood Control

(In thousands of dollars)

Drainage/Flood Control focuses on protecting a diverse, family-oriented community where neighborhoods are safe and well maintained; and coordinating planning to balance infrastructure and resource needs within the budget. This program achieves these goals through flood plain mapping, meeting regulatory requirements, and identifying and correcting hazards to reduce future flood damage potential. This is accomplished through the use of detention basins, culvert and channel projects, and a program of neighborhood drainage improvements. Approximately 10.1% (\$57.9 million) of the CIP has been identified to address the drainage and flood control needs of the City.

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Drainage/Flood Control</b>								
<b>Drainage/Flood Control</b>								
F1002	Black Hill Tank Dam Removal	(170.1)	175.0	-	-	-	-	175.0 52
F0401	East Union Hills Interceptor Channel	(245.8)	1,940.8	-	-	-	-	1,940.8 52
F0201	Granite Reef Watershed	(709.4)	29,410.6	8,167.4	-	-	-	37,578.0 52
F0801	Levee Certification and Rehabilitation	(395.6)	400.0	-	-	-	-	400.0 53
F0701	Loop 101 Detention Basin	(908.6)	5,147.0	-	-	-	-	5,147.0 53
F0602	Loop 101 Outlet Storm Drain	-	3,445.0	-	-	-	-	3,445.0 53
* Y1105	Neighborhood Stormwater Management Improvements	(93.2)	1,082.0	-	-	-	-	1,082.0 54
* Y1205	Neighborhood Stormwater Management Improvements	-	695.0	112.8	80.0	80.0	80.0	1,047.8 54
F0503	Pima Road Drainage System	(1,543.0)	6,398.8	-	-	-	-	6,398.8 54
F0605	Powerline Interceptor Channel	(2.8)	2,228.0	-	-	-	-	2,228.0 55
F0603	South Scottsdale Road Drainage Corridor	(1,638.9)	2,967.2	-	-	-	-	2,967.2 55
F1003	Troon North Park Basin Expansion	(1,232.5)	1,400.0	-	-	-	-	1,400.0 55
F0203	Upper Camelback Wash Watershed	(4,912.4)	14,497.2	-	-	-	-	14,497.2 56

\*Recurring Capital Maintenance Projects.



## Drainage/Flood Control

### F1002 - Black Hill Tank Dam Removal

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$170.1    **Operating Impact:** \$0.0  
**Location:** 136th Street and Rio Verde Drive  
**Project Type:** Construction Related  
**Description:** Removal of the Black Hill Tank Dam

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	175.0	-	-	-	-	175.0
<b>Total:</b>	<b>175.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>175.0</b>

### F0401 - East Union Hills Interceptor Channel

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$245.8    **Operating Impact:** \$0.0  
**Location:** Beginning at New Pima Road and Union Hills and following the Union Hills alignment to the west and terminating at the inlet structure of the Loop 101 detention basin.  
**Project Type:** Construction Related  
**Description:** Design and construct open channel and storm drain improvements to collect and route stormwater flows from the intersection of Pima Road and Union Hills Drive westerly to the planned Loop 101 detention basin.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,940.8	-	-	-	-	1,940.8
<b>Total:</b>	<b>1,940.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,940.8</b>

### F0201 - Granite Reef Watershed

**Est. Completion:** 02/12    **Est. ITD Expenditures (Thru 06/11):** \$709.4    **Operating Impact:** \$0.0  
**Location:** Osborn to McKellips, Granite Reef to Pima  
**Project Type:** Construction Related  
**Description:** Provide 100-year flood protection and eliminate the existing FEMA AE zone designation which carries a need for mandatory flood insurance for the structures in the Granite Reef Wash corridor between Thomas Road and McKellips Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	2,355.5	-	-	-	-	2,355.5
Bond 2000 - Interest	450.0	-	-	-	-	450.0
Bond 2000 - Q2 - Flood Control	4,851.8	-	-	-	-	4,851.8
Contributions	4,361.6	1,858.7	-	-	-	6,220.3
FCD Contribution	17,391.7	6,308.7	-	-	-	23,700.4
<b>Total:</b>	<b>29,410.6</b>	<b>8,167.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>37,578.0</b>

\*Recurring Capital Maintenance Projects.

## Drainage/Flood Control

### F0801 - Levee Certification and Rehabilitation

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$395.6    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** This project involves conducting a levee certification study to determine whether flood control levees city-wide meet federal safety requirements, identifying any deficiencies, deriving a cost estimate for any rehabilitation necessary, and programming estimated funding for rehabilitation of an assumed 25% of the city's levees that may be deficient. A more accurate cost estimate for any necessary rehabilitation will be available after completion of the levee certification study.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	400.0	-	-	-	-	400.0
<b>Total:</b>	<b>400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400.0</b>

### F0701 - Loop 101 Detention Basin

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$908.6    **Operating Impact:** \$0.0

**Location:** North of Loop 101 and west of Pima Road.

**Project Type:** Construction Related

**Description:** Construct a stormwater detention basin on a 52-acre site north of the Loop 101 Freeway, west of Pima Road and south of the Water Campus to protect lands south of the freeway from the 100-year flood. Design and construction of a detention basin will provide short-term storage of stormwater emanating from areas north and east of the site and allow for a non-damaging release of the flows to the Bureau of Reclamation basin at the TPC.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	4,097.0	-	-	-	-	4,097.0
FCD Contribution	1,050.0	-	-	-	-	1,050.0
<b>Total:</b>	<b>5,147.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,147.0</b>

### F0602 - Loop 101 Outlet Storm Drain

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** South of Loop 101 from 82nd to Union Hills to Hayden Road

**Project Type:** Construction Related

**Description:** Construct a storm drain attaching to the existing outlet structure installed under the Loop 101 Freeway and proceeding southerly and westerly to an existing channel along Hayden Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	3,445.0	-	-	-	-	3,445.0
<b>Total:</b>	<b>3,445.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,445.0</b>

\*Recurring Capital Maintenance Projects.

## Drainage/Flood Control

### \* Y1105 - Neighborhood Stormwater Management Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$93.2      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide miscellaneous as-needed drainage improvements throughout the City that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	27.5	-	-	-	-	27.5
FCD Contribution	-	-	-	-	-	-
In-Lieu Fees	1,054.5	-	-	-	-	1,054.5
<b>Total:</b>	<b>1,082.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,082.0</b>

### \* Y1205 - Neighborhood Stormwater Management Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide miscellaneous as-needed drainage improvements throughout the City that address localized drainage and flooding problems.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	-	-	-	-	-	-
FCD Contribution	210.0	-	-	-	-	210.0
In-Lieu Fees	485.0	112.8	80.0	80.0	80.0	837.8
<b>Total:</b>	<b>695.0</b>	<b>112.8</b>	<b>80.0</b>	<b>80.0</b>	<b>80.0</b>	<b>1,047.8</b>

### F0503 - Pima Road Drainage System

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,543.0      **Operating Impact:** \$0.0

**Location:** Beginning at a point on the western side of Pima Road opposite a cul-de-sac on Rimrock Drive and continuing south to approximately Union Hills Drive.

**Project Type:** Construction Related

**Description:** Design and construct open channel and storm drain improvements designed in conjunction with major roadway improvements, to collect and route stormwater flows in the Pima Road corridor southerly to the intersection with Legacy Boulevard. Flows will then be routed westerly to the planned Loop 101 detention basin.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	4,216.4	-	-	-	-	4,216.4
Bond 2000 - Q2 - Flood Control	2,182.4	-	-	-	-	2,182.4
<b>Total:</b>	<b>6,398.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,398.8</b>

\*Recurring Capital Maintenance Projects.

## Drainage/Flood Control

### F0605 - Powerline Interceptor Channel

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$2.8    **Operating Impact:** \$0.0

**Location:** Powerline alignment from Thompson Peak Parkway to Loop 101.

**Project Type:** Construction Related

**Description:** Design and construction of an interception channel to convey stormwater flows south to the Loop 101 Detention Basin from Thompson Peak Parkway along the Power Line Corridor.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	2,228.0	-	-	-	-	2,228.0
<b>Total:</b>	<b>2,228.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,228.0</b>

### F0603 - South Scottsdale Road Drainage Corridor

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$1,638.9    **Operating Impact:** \$0.0

**Location:** From the ASU Scottsdale Center for New Technology and Innovation to Indian Bend Wash.

**Project Type:** Construction Related

**Description:** Design and construct a storm sewer system from the Skysong and the Belleview area to Indian Bend Wash. Project also includes drainage improvements west of Scottsdale Road south of McDowell Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q2 - Flood Control	2,967.2	-	-	-	-	2,967.2
<b>Total:</b>	<b>2,967.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,967.2</b>

### F1003 - Troon North Park Basin Expansion

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$1,232.5    **Operating Impact:** \$0.0

**Location:** 27775 N. Alma School Road

**Project Type:** Construction Related

**Description:** Removal of approximately 49,000 cubic yards of material from the site for the purpose of enlarging the existing detention basins.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,400.0	-	-	-	-	1,400.0
<b>Total:</b>	<b>1,400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,400.0</b>

\*Recurring Capital Maintenance Projects.

# Drainage/Flood Control

## F0203 - Upper Camelback Wash Watershed

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$4,912.4      **Operating Impact:** \$0.0

**Location:** Bounded by Sweetwater Avenue on the north; 96th Place on the east; Shea Boulevard on the south and 90th Street on the west.

**Project Type:** Construction Related

**Description:** The goal of the project is to, as much as feasible, reduce flooding for this major wash corridor. It is anticipated that this project will remove approximately 750 structures from the 100-year flood plain. The benefitting area is highly developed with a mix of single-family, multi-family and commercial properties. The total watershed area north of Shea Boulevard is approximately 2.6 square miles.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	210.0	-	-	-	-	210.0
Bond 2000 - Q2 - Flood Control	6,232.2	-	-	-	-	6,232.2
FCD Contribution	8,055.0	-	-	-	-	8,055.0
<b>Total:</b>	<b>14,497.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,497.2</b>

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Preservation

(In thousands of dollars)

Preservation focuses on preserving the character and environment of Scottsdale. This goal is met by land acquisition activities for the McDowell Sonoran Preserve for the purpose of maintaining scenic views, preserving native plants and wildlife, and providing public access to the McDowell Mountains and Sonoran Desert. The 1998 election expanded the recommended study boundary from the original 12,876 acres to 36,400 acres. The 2004 election provided an additional revenue stream (0.15% sales tax rate increase) as well as the bonding capacity (\$500.0 million) that continues to provide authority to carry on preservation efforts. Approximately 32.3% (\$185.2 million) of the CIP has been identified to address this program.

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Preservation</b>								
<b>Preservation/Preservation Improvements</b>								
TEMP983	Browns Ranch Area Trail Construction	-	-	325.0	-	-	-	325.0 58
P1102	Brown's Ranch Trailhead	(10.1)	3,875.0	-	-	-	-	3,875.0 58
D0702	Construction of Rock Knob and Connecting Preserve Trails	-	350.0	-	-	-	-	350.0 58
P0609	Construction of Trails Supporting the Gateway to the Preserve	(329.2)	330.0	-	-	-	-	330.0 59
D1001	Desert Discovery Center	-	500.0	-	-	-	-	500.0 59
D1101	Desert Discovery Phase III	-	80.0	-	-	-	-	80.0 59
P0505	Expanded McDowell Sonoran Preserve	(121,393.2)	296,000.0	-	-	-	-	296,000.0 60
P0608	Gateway to the Preserve Amenities	(3,927.7)	4,000.0	-	-	-	-	4,000.0 60
P1001	Granite Mountain Trail Restoration and Mitigation	-	500.0	-	-	-	-	500.0 60
P1101	Interior Preserve Trail	-	400.0	-	-	-	-	400.0 61
P1201	Sunrise Trailhead Paving	-	50.0	-	-	-	-	50.0 61
P0902	Tom's Thumb Trailhead	(393.9)	3,300.0	-	-	-	-	3,300.0 61
P9035	Trail Development/Acquisition	(1,312.8)	3,220.5	-	-	-	-	3,220.5 62
D1104	WestWorld Electrical Expansion & Upgrades	-	325.0	-	-	-	-	325.0 62

\*Recurring Capital Maintenance Projects.

# Preservation/Preservation Improvements

## TEMP983 - Browns Ranch Area Trail Construction

**Est. Completion:** 12/13      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact: (13/14):** \$12.0

**Location:** Alma School and Dixeletta

**Project Type:** Construction Related

**Description:** This project will design and construct multiple trails surrounding the Brown's Ranch (Alma School) Trailhead, including an ADA accessible interpretive trail and connections to the existing trail system in the area.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	-	325.0	-	-	-	325.0
<b>Total:</b>	-	<b>325.0</b>	-	-	-	<b>325.0</b>

## P1102 - Brown's Ranch Trailhead

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$10.1      **Operating Impact:** \$0.0

**Location:** McDowell Sonoran Preserve

**Project Type:** Construction Related

**Description:** This project is for the design and construction of trail head amenities near Alma School and Dynamite Roads as identified in the Conceptual Trails Plan prepared by the McDowell Sonoran Preserve Commission. This project will include access road, parking, restroom/office/control building, shade ramadas, interpretive displays, storage, drinking fountains/water trough, gates, fencing and signage.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	3,875.0	-	-	-	-	3,875.0
<b>Total:</b>	<b>3,875.0</b>	-	-	-	-	<b>3,875.0</b>

## D0702 - Construction of Rock Knob and Connecting Preserve Trails

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Various Locations in the McDowell Sonoran Preserve

**Project Type:** Construction Related

**Description:** This project involves the construction of the Rock Knob multiuse trail and other multiuse trails connecting to the Rock Knob Trail (approximately 3.5 miles of trails). The Rock Knob Trail will be the main trail from the major north access area planned near the north face of the McDowell Mountains east of the 128th Street alignment south of the Paraiso Drive alignment. These multiuse trails are identified in the Conceptual Trails Plan for the Preserve prepared by the McDowell Sonoran Preserve Commission.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	350.0	-	-	-	-	350.0
<b>Total:</b>	<b>350.0</b>	-	-	-	-	<b>350.0</b>

\*Recurring Capital Maintenance Projects.

## Preservation/Preservation Improvements

### P0609 - Construction of Trails Supporting the Gateway to the Preserve

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$329.2    **Operating Impact:** \$0.0

**Location:** NE of Bell Rd/Thompson Peak Parkway Intersection

**Project Type:** Construction Related

**Description:** This project involves the construction of three multiuse trails in the Preserve- Tom's Thumb (3 miles), Bell Pass Loop (5.2 miles), and the Gateway Loop Trail (1.5 miles), and the construction of a barrier-free trail in the Gateway to the Preserve. These multiuse trails are identified in the Conceptual Trails Plan for the Preserve prepared by the McDowell Sonoran Preserve Commission. All three multiuse trails will augment the existing trail system supporting the Gateway to the Preserve. Two of the multiuse trails are loops originating/ending in the Gateway. The Tom's Thumb Trail will be a new trail off of the Windgate Trail providing access to the geographic feature the trail is named after. The barrier-free trail in the Gateway was identified as part of the initial planning for the Gateway Access Area.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	330.0	-	-	-	-	330.0
<b>Total:</b>	<b>330.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>330.0</b>

### D1001 - Desert Discovery Center

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** City of Scottsdale

**Project Type:** Construction Related

**Description:** Desert Discovery Center (DDC) Feasibility Study Phase II will develop, design and validate an economically viable concept and business plan.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

### D1101 - Desert Discovery Phase III

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** City of Scottsdale

**Project Type:** Construction Related

**Description:** The Desert Discovery Phase III project has 6 main program initiatives: (1) Conduct a feasibility study to assess private funding capacity; (2) Identify public funding options; (3) Establish a DDC Phase III Committee to recommend funding scenarios for the DDC, refine the Phase II study results and review and recommend the preferred business, operating and management model for the DDC; (4) Continue public outreach; (5) Establish a "DDC Phase III Project Manager"; and (6) Consider ordinance amendments to accommodate the DDC on the specified site.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bed Tax	80.0	-	-	-	-	80.0
<b>Total:</b>	<b>80.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>80.0</b>

\*Recurring Capital Maintenance Projects.



## Preservation/Preservation Improvements

### P0505 - Expanded McDowell Sonoran Preserve

**Est. Completion:** 06/34    **Est. ITD Expenditures (Thru 06/11):** \$121,393.2    **Operating Impact:** \$0.0

**Location:** McDowell Mountain Preserve

**Project Type:** Construction Related

**Description:** Purchase Preserve land within the 36,400 acre planned Preserve boundary, as approved by the voters in May 1995 and November 1998.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Expanded McDowell Sonoran Preserve 2004 (0.20)	246,000.0	-	-	-	-	246,000.0
Preserve Sales Tax 2004 (0.15)	50,000.0	-	-	-	-	50,000.0
<b>Total:</b>	<b>296,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>296,000.0</b>

### P0608 - Gateway to the Preserve Amenities

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$3,927.7    **Operating Impact: (12/13):** \$12.0

**Location:** E of Thompson Peak Parkway between Bell and Union Hills

**Project Type:** Construction Related

**Description:** The Gateway will be the largest and is the most strategically located access area to the Preserve. It will contain a broad range of amenities including parking, bus stop, shade ramadas, restrooms, amphitheater, interpretative materials and trail, ADA trail, equestrian amenities, Preserve office and storage, and other infrastructure improvements to serve passive recreational users and tourists. The Gateway will serve as a staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Heritage Fund	127.0	-	-	-	-	127.0
Preserve Sales Tax 2004 (0.15)	3,873.0	-	-	-	-	3,873.0
<b>Total:</b>	<b>4,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000.0</b>

### P1001 - Granite Mountain Trail Restoration and Mitigation

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Granite Mountain area north of Dynamite Boulevard west of 136th St.

**Project Type:** Construction Related

**Description:** This project involves the eradication of unwanted trails and restoration of the area where these unwanted trails were located. It also involves the improvement of remaining trails that are included in the Conceptual Trails Plan for the Preserve to city standard. Approximately two-thirds of the existing trails in the area will be eliminated and the land restored through this project.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

\*Recurring Capital Maintenance Projects.

## Preservation/Preservation Improvements

### P1101 - Interior Preserve Trail

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** A north-south corridor in the interior of the McDowell Mountains portion of the McDowell Sonoran Preserve

**Project Type:** Construction Related

**Description:** This project involves the construction of a remote, interior, secondary, multiuse trail connecting existing trails in the south part of the Preserve to existing trails in the north side of the Preserve along a north-south corridor. This multiuse trail is identified in the Conceptual Trails Plan for the Preserve prepared by the McDowell Sonoran Preserve Commission. The trail will be approximately 5 miles long, approximately 2 feet wide and not built to the same standards as main trails in the Preserve.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	400.0	-	-	-	-	400.0
<b>Total:</b>	<b>400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400.0</b>

### P1201 - Sunrise Trailhead Paving

**Est. Completion:** 11/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Via Linda and 144th Way

**Project Type:** Construction Related

**Description:** This project will pave the upper Sunrise Trailhead parking lot to provide a durable parking surface that reduces maintenance costs, eliminates particulate air pollution caused by dust, improves compliance with clean air regulations and better facilitates storm water management on the site.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	50.0	-	-	-	-	50.0
<b>Total:</b>	<b>50.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50.0</b>

### P0902 - Tom's Thumb Trailhead

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$393.9    **Operating Impact: (12/13):** \$12.0

**Location:** SE of the 128th St and Paraiso Drive alignments

**Project Type:** Construction Related

**Description:** This project is for the construction of amenities including access road, parking, shade ramadas, restrooms, small amphitheater, interpretative materials, mountain climbing staging area, equestrian amenities, storage and other infrastructure improvements to serve passive recreational users at the major north community access area in the McDowell Sonoran Preserve. This access area will serve as a staging area for exploration of the Preserve through connection to the existing and planned citywide trail system both in and outside of the Preserve.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Preserve Sales Tax 2004 (0.15)	3,300.0	-	-	-	-	3,300.0
<b>Total:</b>	<b>3,300.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,300.0</b>

\*Recurring Capital Maintenance Projects.

# Preservation/Preservation Improvements

## P9035 - Trail Development/Acquisition

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,312.8      **Operating Impact: (12/13):** \$8.0

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** This project consists of the installation of underpasses along multi-use trail corridors at the intersection of major streets, the acquisition of ROW for trail corridors and the construction of trails identified in the Citywide Trails Plan.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	943.3	-	-	-	-	943.3
Bond 2000 - Q1 - Parks	2,277.2	-	-	-	-	2,277.2
<b>Total:</b>	<b>3,220.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,220.5</b>

## D1104 - WestWorld Electrical Expansion & Upgrades

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** WestWorld 16601 North Pima Road, Scottsdale, AZ 85260

**Project Type:** Construction Related

**Description:** WestWorld electrical expansion and upgrades located inside the multi-use tent. Construction of these improved electrical facilities will provide additional power for WestWorld event users.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
WestWorld Basin	325.0	-	-	-	-	325.0
<b>Total:</b>	<b>325.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>325.0</b>

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Public Safety (In thousands of dollars)

Public Safety Safety programs focus on enhancing and protecting a diverse, family-oriented community where neighborhoods are safe and well maintained. This goal is met by providing fire and police stations, training facilities and automation systems related to fire and police operations. Approximately 1.8% (\$10.2 million) of the CIP has been identified to address the public safety needs of the City.

Project #	Project Name	Estimated Expenditures Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast	Total	Page #
<b>Public Safety</b>									
<b>Fire Protection</b>									
B0803	Cactus Acres Fire Station 8	(5,493.5)	6,090.9	-	-	-	-	6,090.9	64
B0403	Desert Foothills Fire Station 13	(1,286.6)	3,275.0	-	-	-	-	3,275.0	64
B0601	Eldorado Park Fire Station 1- Relocate Existing S. Quadrant	(3,530.2)	4,341.8	-	-	-	-	4,341.8	64
<b>Police</b>									
M1203	Cellular Intercept Module Upgrade	-	163.0	-	-	-	-	163.0	65
* Y1203	Crime Laboratory Equipment Replacement	-	95.0	72.5	102.5	210.0	130.0	610.0	65
* Y1103	Crime Laboratory Equipment Replacement	-	145.0	-	-	-	-	145.0	65
B0504	District 1 Police Facilities	(10,663.1)	10,771.0	-	-	-	-	10,771.0	66
M0810	Police Advanced Mobile Upgrades	(471.6)	768.3	-	-	-	-	768.3	66
M1204	Police K9 Training Facility	-	53.8	-	-	-	-	53.8	66
M1205	Police Mobile Command Center	-	800.0	-	-	-	-	800.0	67
B0302	Police Operational Support Building	(31,559.9)	31,911.2	-	-	-	-	31,911.2	67
* Y1106	Police Portable and Vehicle Radio Replacement	-	3,976.2	-	-	-	-	3,976.2	67
* Y1206	Police Portable and Vehicle Radio Replacement	-	552.8	551.3	644.5	760.2	423.2	2,932.0	68
B1004	Police Tenant Improvements	-	200.0	-	-	-	-	200.0	68

\*Recurring Capital Maintenance Projects.

# Fire Protection

## B0803 - Cactus Acres Fire Station 8

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$5,493.5    **Operating Impact:** \$0.0  
**Location:** 96th St. and Cactus Rd.  
**Project Type:** Construction Related  
**Description:** Construct an 11,000 sq.ft. fire station in the Cactus Acres area at 96th St. and Cactus Rd.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	2,340.9	-	-	-	-	2,340.9
Bond 2000 - Interest	3,750.0	-	-	-	-	3,750.0
<b>Total:</b>	<b>6,090.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,090.9</b>

## B0403 - Desert Foothills Fire Station 13

**Est. Completion:** 01/12    **Est. ITD Expenditures (Thru 06/11):** \$1,286.6    **Operating Impact: (12/13):** \$100.0  
**Location:** Area of Scottsdale Rd and Jomax  
**Project Type:** Construction Related  
**Description:** Purchase land for a new fire station that will serve as an enhancement of the services provided in the Northern areas of the City. This future facility will allow for additional emergency units to be located in, and protect a large geographic area of the City.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	3,275.0	-	-	-	-	3,275.0
<b>Total:</b>	<b>3,275.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,275.0</b>

## B0601 - Eldorado Park Fire Station 1-Relocate Existing S. Quadrant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$3,530.2    **Operating Impact:** \$0.0  
**Location:** Fire Station - South Quadrant, in the area of Miller/McDowell  
**Project Type:** Construction Related  
**Description:** Construction of a new fire station in the south quadrant of the city. This fire station will replace the fire station at Miller and Thomas Roads (FS601).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	591.8	-	-	-	-	591.8
Bond 2000 - Interest	3,750.0	-	-	-	-	3,750.0
<b>Total:</b>	<b>4,341.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,341.8</b>

\*Recurring Capital Maintenance Projects.

**M1203 - Cellular Intercept Module Upgrade**

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Technology Related  
**Description:** Upgrade existing cellular intercept equipment. This equipment enables the Scottsdale Police Department to track cellular phone signals in order to locate a cell phone. This is especially critical in locating missing or kidnapped persons, and apprehending suspects in major crimes such as homicides.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
RICO	163.0	-	-	-	-	163.0
<b>Total:</b>	<b>163.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>163.0</b>

**\* Y1203 - Crime Laboratory Equipment Replacement**

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 7601 E. McKellips Rd.  
**Project Type:** Technology Related  
**Description:** Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. Past history has shown that this equipment and instrumentation has a useful life expectancy of between 5 to 8 years before it starts to incur significant maintenance issues and its technology becomes outdated. Using outdated technology becomes a reliability issue when presenting examination results in court. With newer technology, examination time can be reduced and forensic examination results can become available more quickly to the officer and the courts.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	35.0	39.0	42.5	140.0	80.0	336.5
Crime Lab Assessment	30.0	3.5	30.0	25.0	5.0	93.5
Forensic Science IGAs	30.0	30.0	30.0	45.0	45.0	180.0
<b>Total:</b>	<b>95.0</b>	<b>72.5</b>	<b>102.5</b>	<b>210.0</b>	<b>130.0</b>	<b>610.0</b>

**\* Y1103 - Crime Laboratory Equipment Replacement**

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 7601 E. McKellips Rd.  
**Project Type:** Technology Related  
**Description:** Replace aging and obsolete crime laboratory equipment and instrumentation that has reached or exceeded its manufacturer's life expectancy. Past history has shown that this equipment and instrumentation has a useful life expectancy of between 5 to 8 years before it starts to incur significant maintenance issues and its technology becomes outdated. Using outdated technology becomes a reliability issue when presenting examination results in court. With newer technology, examination time can be reduced and forensic examination results can become available more quickly to the officer and the courts.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	95.0	-	-	-	-	95.0
Crime Lab Assessment	5.0	-	-	-	-	5.0
Forensic Science IGAs	45.0	-	-	-	-	45.0
<b>Total:</b>	<b>145.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145.0</b>

\*Recurring Capital Maintenance Projects.

# Police

B0504 - District 1 Police Facilities						
<b>Est. Completion:</b>	12/11	<b>Est. ITD Expenditures (Thru 06/11):</b>	\$10,663.1	<b>Operating Impact:</b>	\$0.0	
<b>Location:</b>	7601 E. McKellips Road					
<b>Project Type:</b>	Construction Related					
<b>Description:</b>	Design, construct, furnish and equip a 25,000 sq. ft. police station at the McKellips Service Center.					
Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q5 - PS Facilities	10,771.0	-	-	-	-	10,771.0
<b>Total:</b>	<b>10,771.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,771.0</b>

M0810 - Police Advanced Mobile Upgrades						
<b>Est. Completion:</b>	12/11	<b>Est. ITD Expenditures (Thru 06/11):</b>	\$471.6	<b>Operating Impact:</b>	\$0.0	
<b>Location:</b>	Citywide					
<b>Project Type:</b>	Technology Related					
<b>Description:</b>	Provide the necessary tools and data to law enforcement who are working remotely. Access to these systems is essential to officers' critical decision making processes and enables a greater success in the reduction of crime. Procure and implement Citrix Server technology, purchase laptops for patrol sergeants and lieutenants, provide training for data sharing software, purchase docking stations, purchase E-Citation handheld devices, upgrade two factor authentication hardware, and implement desktop virtualization software. The officers in patrol cars will be able to prepare the majority of divisional reports from any location that has adequate wireless availability. These technologies will allow the officers to process transactions faster while conserving bandwidth.					
Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	768.3	-	-	-	-	768.3
<b>Total:</b>	<b>768.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>768.3</b>

M1204 - Police K9 Training Facility						
<b>Est. Completion:</b>	12/11	<b>Est. ITD Expenditures (Thru 06/11):</b>	\$0.0	<b>Operating Impact: (12/13):</b>	\$7.5	
<b>Location:</b>	Police Property Warehouse Facility					
<b>Project Type:</b>	Construction Related					
<b>Description:</b>	This project will construct a training area for the Police K9 Unit to the east of the Police Property Warehouse facility. Included in this area will be two climate controlled 10' x 10' kennels, leveling and installing a turf area for training, small shaded area for observation and appropriate lighting and chain link fencing to secure the area. A current chain link storage area for impounded bicycles will be relocated to the south end of the evidence warehouse to allow enough for this project.					
Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
RICO	53.8	-	-	-	-	53.8
<b>Total:</b>	<b>53.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>53.8</b>

\*Recurring Capital Maintenance Projects.

**M1205 - Police Mobile Command Center**

**Est. Completion:** 05/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact: (12/13):** \$17.0  
**Location:** Citywide  
**Project Type:** Technology Related  
**Description:** Purchase and outfit a self propelled mobile command center which will be utilized for public safety during large-scale City emergencies, State wide emergency incidents, major public safety operations, and populous City events including the Waste Management Phoenix Open and New Year's Eve Block party.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
RICO	800.0	-	-	-	-	800.0
<b>Total:</b>	<b>800.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>800.0</b>

**B0302 - Police Operational Support Building**

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$31,559.9    **Operating Impact:** \$0.0  
**Location:** 7601 E. McKellips Road  
**Project Type:** Construction Related  
**Description:** Construct new Police Department Support Services facilities to provide space for Property/Evidence and Crime Laboratory functions. Buildings will include circulation and mechanical plant rooms. Renovate existing Via Linda facility to house a new Communications Center and a new City Emergency Operations Center.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	255.4	-	-	-	-	255.4
Bond 2000 - Q5 - PS Facilities	31,655.8	-	-	-	-	31,655.8
<b>Total:</b>	<b>31,911.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,911.2</b>

**\* Y1106 - Police Portable and Vehicle Radio Replacement**

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Technology Related  
**Description:** Establish a replacement cycle for police portable and vehicle radios. Portable radios are on an 8-year replacement plan and vehicle radios are on a 10-year replacement plan.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	3,437.5	-	-	-	-	3,437.5
RICO	538.7	-	-	-	-	538.7
<b>Total:</b>	<b>3,976.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,976.2</b>

\*Recurring Capital Maintenance Projects.



# Police

## \* Y1206 - Police Portable and Vehicle Radio Replacement

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Establish a replacement cycle for police portable and vehicle radios. Portable radios are on an 8-year replacement plan and vehicle radios are on a 10-year replacement plan.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	552.8	551.3	644.5	760.2	423.2	2,932.0
RICO	-	-	-	-	-	-
<b>Total:</b>	<b>552.8</b>	<b>551.3</b>	<b>644.5</b>	<b>760.2</b>	<b>423.2</b>	<b>2,932.0</b>

## B1004 - Police Tenant Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Various locations

**Project Type:** Construction Related

**Description:** Provide tenant improvements to aging police facilities such as the Civic Center substation, Detention Facility and Via Linda substation. These improvements will provide for enhanced efficiency and productivity.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q5 - PS Facilities	200.0	-	-	-	-	200.0
<b>Total:</b>	<b>200.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200.0</b>

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Service Facilities

(In thousands of dollars)

Service Facilities focus on coordinating land use and infrastructure planning within the context of financial demands and available resources. These programs achieve this goal through the renovation of current facilities and technology needs necessary for the efficient and effective operations of the City. Approximately 2.4% (\$13.7 million) of the CIP has been identified to address this program.

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Service Facilities</b>								
<b>Municipal Facilities/Improvements</b>								
B0809	Corporation Yard Fleet Maintenance Facility Expansion	(4,398.6)	4,890.0	-	-	-	-	4,890.0 71
B0804	Corporation Yard Truck Wash	(246.3)	250.0	-	-	-	-	250.0 71
B0508	Courts – Customer Service Enhancement	(191.1)	225.0	-	-	-	-	225.0 71
B0805	Facilities Management Information System	(296.2)	294.0	-	-	-	-	294.0 72
* Y1001	Facilities Repair and Maintenance Program	(1,198.2)	1,326.0	-	-	-	-	1,326.0 72
* Y1101	Facilities Repair and Maintenance Program	(148.5)	900.0	-	-	-	-	900.0 73
* Y1201	Facilities Repair and Maintenance Program	-	671.5	652.5	1,410.0	2,120.0	1,995.0	6,849.0 72
B0808	Fuel/Fleet Maintenance Facility - McKellips Service Center.	(4,299.7)	4,319.8	-	-	-	-	4,319.8 73
B0807	Plan Review Office Efficiency Renovation	(40.3)	65.0	-	-	-	-	65.0 73
B0902	Transfer Station Expansion	(878.6)	3,675.0	-	-	-	-	3,675.0 74
<b>Technology Improvements</b>								
Z9400	CIP Contingency	-	6,500.0	4,500.0	4,500.0	4,500.0	4,500.0	24,500.0 75
Z9401	CIP Contingency for Future Grants	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0 75
M0714	Computer Facility Infrastructure Improvements	(527.0)	673.4	-	-	-	-	673.4 75
M9906	Document Management System - Courts	(233.0)	400.0	-	-	-	-	400.0 76
M0701	Financial Systems Upgrade	(531.3)	1,021.3	220.0	-	-	-	1,241.3 76
M0904	Human Resources Automation System	(56.0)	90.0	-	-	-	-	90.0 76
M1201	Information Technology - Information Lifecycle Management	-	210.0	-	-	-	-	210.0 77
M1202	Information Technology - LAN Core Switch Upgrade	-	625.0	100.0	-	-	-	725.0 77
* Y1207	Information Technology - Network Infrastructure	-	320.1	417.0	320.1	447.2	370.1	1,874.5 79
* Y1107	Information Technology - Network Infrastructure	(93.8)	380.6	-	-	-	-	380.6 78
* Y1007	Information Technology – Network Infrastructure	(310.9)	355.0	-	-	-	-	355.0 80
* Y1110	Information Technology - PC Equipment	(923.7)	1,433.0	-	-	-	-	1,433.0 81
M0205	Information Technology – Security Investment	(334.0)	337.6	-	-	-	-	337.6 82
* Y1208	Information Technology - Server Infrastructure	-	669.1	507.2	728.4	1,266.0	924.8	4,095.5 82
* Y1108	Information Technology - Server Infrastructure	(141.5)	893.8	-	-	-	-	893.8 83
* Y1008	Information Technology – Server Infrastructure	(1,037.4)	1,257.3	-	-	-	-	1,257.3 84
M0906	Information Technology - Telephone System Upgrade	(129.8)	630.0	-	-	-	-	630.0 84

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Service Facilities

(In thousands of dollars)

Project #	Project Name	Estimated	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	Total	Page #
		Expenditures Thru 06/30/11	Adopted	Forecast	Forecast	Forecast	Forecast		
<b>Service Facilities</b>									
<b>Technology Improvements</b>									
M0506	Information Technology – Web Content Management SW	(234.1)	298.4	-	-	-	-	298.4	84
M1101	Mobile Network Software	-	346.4	-	-	-	-	346.4	85
M0707	Network Infrastructure Extension	(698.7)	862.5	-	-	-	-	862.5	85
M0512	Police – Fashion Square Radio Treatment	(11.2)	225.0	-	-	-	-	225.0	85
M0401	Police – Records Management and CAD System Replacement	(4,248.8)	4,525.0	-	-	-	-	4,525.0	86
M0907	Public Safety Microwave Radio	(2,175.3)	2,550.0	-	-	-	-	2,550.0	86
M0615	Public Safety Radio System - Phase I	(21,005.0)	22,050.0	-	-	-	-	22,050.0	86
M0706	Wide Area Network Fiber	(110.5)	465.8	-	-	-	-	465.8	87
M0802	Work Order System Upgrade/Replacement	(44.0)	656.3	-	-	-	-	656.3	87

\*Recurring Capital Maintenance Projects.

## Municipal Facilities/Improvements

### B0809 - Corporation Yard Fleet Maintenance Facility Expansion

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$4,398.6      **Operating Impact: (12/13):** \$77.4

**Location:** Corporation Yard - 9191 E. San Salvador

**Project Type:** Construction Related

**Description:** Expansion of the Corporation Yard Fleet Maintenance Facility to accommodate customer base growth due primarily to the absorption of a City Fire Department in July 2005. The expansion of the existing shop area will add an approximate 9,000 sq. ft. to accommodate three (3) shop bays for heavy-duty equipment; an additional equipment repair area that will accommodate five (5) shop bays for light duty equipment, an office area, a restroom and a parts room.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Fleet Rates	4,890.0	-	-	-	-	4,890.0
<b>Total:</b>	<b>4,890.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,890.0</b>

### B0804 - Corporation Yard Truck Wash

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$246.3      **Operating Impact: (12/13):** \$8.0

**Location:** Corporation Yard - 9191 E. San Salvador Dr.

**Project Type:** Construction Related

**Description:** Replace existing truck wash at the Corporation Yard Vehicle Maintenance facility.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Fleet Rates	250.0	-	-	-	-	250.0
<b>Total:</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250.0</b>

### B0508 - Courts – Customer Service Enhancement

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$191.1      **Operating Impact:** \$0.0

**Location:** 3700 N. 75th Street

**Project Type:** Construction Related

**Description:** Enhance existing lobby flow, court staff workstations and calendar display system. Lobby flow will be re-engineered to streamline customer service and reduce defendant wait times. Bailiff work stations will be reconfigured to adhere to ergonomic and Americans with Disabilities Act requirements. Courtroom calendars will be displayed on monitors located in the lobby.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
CEF	225.0	-	-	-	-	225.0
<b>Total:</b>	<b>225.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>225.0</b>

\*Recurring Capital Maintenance Projects.

# Municipal Facilities/Improvements

## B0805 - Facilities Management Information System

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$296.2      **Operating Impact:** \$0.0

**Location:** 7447 E. Indian School Road (One Civic Building)

**Project Type:** Construction Related

**Description:** Acquisition and implementation of a Facilities Management Information System to support staff efforts to consolidate City staff currently in leased space, obsolete office buildings or in remote locations. This project will result in customer service improvement, improved workplace security, shared resources, maximized use of real property assets, reduced maintenance cost and improved communication.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	294.0	-	-	-	-	294.0
<b>Total:</b>	<b>294.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>294.0</b>

## \* Y1001 - Facilities Repair and Maintenance Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$1,198.2      **Operating Impact:** \$0.0

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Systematic and rational repair and maintenance to major municipal facilities, i.e., HVAC, electrical, roofing, exterior painting, and carpeting.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	979.5	-	-	-	-	979.5
Bond 2000 - Q1 - Parks	173.0	-	-	-	-	173.0
Water Rates	173.5	-	-	-	-	173.5
<b>Total:</b>	<b>1,326.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,326.0</b>

## \* Y1201 - Facilities Repair and Maintenance Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Multiple Locations

**Project Type:** Construction Related

**Description:** Systematic and rational repair and maintenance to major municipal facilities, i.e. HVAC, electrical, roofing, exterior painting and carpeting.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	671.5	652.5	1,410.0	2,120.0	1,995.0	6,849.0
<b>Total:</b>	<b>671.5</b>	<b>652.5</b>	<b>1,410.0</b>	<b>2,120.0</b>	<b>1,995.0</b>	<b>6,849.0</b>

\*Recurring Capital Maintenance Projects.

## Municipal Facilities/Improvements

### \* Y1101 - Facilities Repair and Maintenance Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$148.5      **Operating Impact:** \$0.0  
**Location:** Multiple Locations  
**Project Type:** Construction Related  
**Description:** Systematic and rational repair and maintenance to major municipal facilities, i.e. HVAC, electrical, roofing, exterior painting and carpeting.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q1 - Parks	900.0	-	-	-	-	900.0
<b>Total:</b>	<b>900.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>900.0</b>

### B0808 - Fuel/Fleet Maintenance Facility - McKellips Service Center.

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$4,299.7      **Operating Impact: (12/13):** \$77.4  
**Location:** 7601 E. McKellips Road  
**Project Type:** Construction Related  
**Description:** Construct a south area fueling facility and fleet maintenance satellite facility at the McKellips Service Center. The fueling facility will provide diesel and unleaded fuel to city equipment/vehicles. The fleet maintenance facility will provide minor repairs and scheduled preventative maintenance services to city equipment/vehicles.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Fleet Rates	4,319.8	-	-	-	-	4,319.8
<b>Total:</b>	<b>4,319.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,319.8</b>

### B0807 - Plan Review Office Efficiency Renovation

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$40.3      **Operating Impact:** \$0.0  
**Location:** One Civic Center - Plan Review Offices  
 7447 E Indian School Rd  
**Project Type:** Construction Related  
**Description:** Renovation and reconfiguration of Plan Review offices for work process efficiency, ADA access, and ergonomics.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	65.0	-	-	-	-	65.0
<b>Total:</b>	<b>65.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>65.0</b>

\*Recurring Capital Maintenance Projects.

# Municipal Facilities/Improvements

**B0902 - Transfer Station Expansion**

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$878.6    **Operating Impact:** \$0.0

**Location:** 8417 E. Union Hills Drive

**Project Type:** Construction Related

**Description:** Design and construct the second phase of Scottsdale's Transfer Station and install a new floor in existing building located at 8417 E. Union Hills Drive. The expansion will mirror the existing facility and double the capacity to serve the growth north of Bell Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sanitation Rates	3,675.0	-	-	-	-	3,675.0
<b>Total:</b>	<b>3,675.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,675.0</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

### Z9400 - CIP Contingency

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides a budgetary appropriation and cash set aside for Citywide emergencies or unforeseen expenditures not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	6,500.0	4,500.0	4,500.0	4,500.0	4,500.0	24,500.0
<b>Total:</b>	<b>6,500.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>4,500.0</b>	<b>24,500.0</b>

### Z9401 - CIP Contingency for Future Grants

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides budgetary appropriation set aside for Citywide unforeseen grants not otherwise budgeted.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0
<b>Total:</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>25,000.0</b>

### M0714 - Computer Facility Infrastructure Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$527.0      **Operating Impact: (12/13):** \$10.0  
**Location:** Technology  
**Project Type:** Technology Related  
**Description:** Computer facility infrastructure improvements including upgrades, enhancements, and repairs of fire suppression systems, electrical systems, and surveillance systems at the various network and computer sites located throughout the City.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	673.4	-	-	-	-	673.4
<b>Total:</b>	<b>673.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>673.4</b>

\*Recurring Capital Maintenance Projects.



# Technology Improvements

## M9906 - Document Management System - Courts

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$233.0    **Operating Impact: (12/13):** \$10.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Enable the court to scan all incoming documents increasing efficiencies and allowing for additional integration of processes resulting in the reduction of paper flow between the Courts, Police and Prosecutor. It will provide increased public access to court documents.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
CEF	400.0	-	-	-	-	400.0
<b>Total:</b>	<b>400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400.0</b>

## M0701 - Financial Systems Upgrade

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$531.3    **Operating Impact:** \$0.0

**Location:** Technology Project

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's core financial computer systems.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	880.5	184.8	-	-	-	1,065.3
Aviation Funds	8.8	2.2	-	-	-	11.0
Sanitation Rates	44.0	11.0	-	-	-	55.0
Sewer Rates	44.0	11.0	-	-	-	55.0
Water Rates	44.0	11.0	-	-	-	55.0
<b>Total:</b>	<b>1,021.3</b>	<b>220.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,241.3</b>

## M0904 - Human Resources Automation System

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$56.0    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Acquisition of a system to enable automation in recruitments, form processing, and approval workflows.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	90.0	-	-	-	-	90.0
<b>Total:</b>	<b>90.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>90.0</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

### M1201 - Information Technology - Information Lifecycle Management

**Est. Completion:** 12/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Information life cycle management (ILM) is a comprehensive approach to managing the flow of an information system's data and associated metadata from creation and initial storage to the time when it becomes obsolete and is deleted. ILM also enables more complex criteria for storage management than data age and frequency of access.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	210.0	-	-	-	-	210.0
<b>Total:</b>	<b>210.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210.0</b>

### M1202 - Information Technology - LAN Core Switch Upgrade

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** The Local Area Network (LAN) Core Switch Upgrade will allow the City to continue to provide data and voice services to the City organization by replacing the networking equipment that has reached the end of its useful life. This item was originally included in the Network Infrastructure Replacement Fund.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	625.0	100.0	-	-	-	725.0
<b>Total:</b>	<b>625.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>725.0</b>

\*Recurring Capital Maintenance Projects.

# Technology Improvements

## \* Y1107 - Information Technology - Network Infrastructure

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$93.8      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's computer network infrastructure.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	327.4	-	-	-	-	327.4
Aviation Funds	1.2	-	-	-	-	1.2
CEF	4.8	-	-	-	-	4.8
Fleet Rates	3.6	-	-	-	-	3.6
Forensic Science IGAs	0.1	-	-	-	-	0.1
Groundwater Trtmt	0.3	-	-	-	-	0.3
HURF	10.3	-	-	-	-	10.3
Irrigation Wtr Dist	0.1	-	-	-	-	0.1
McCormick RR Pk/Rev Fac Ops	0.5	-	-	-	-	0.5
Police 30 Day Tow	0.2	-	-	-	-	0.2
Sanitation Rates	2.6	-	-	-	-	2.6
Section 8	0.9	-	-	-	-	0.9
Self Insurance	1.0	-	-	-	-	1.0
Sewer Rates	0.9	-	-	-	-	0.9
Water Rates	26.7	-	-	-	-	26.7
<b>Total:</b>	<b>380.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>380.6</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

### \* Y1207 - Information Technology - Network Infrastructure

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's computer network infrastructure.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	275.7	359.3	275.7	385.1	318.8	1,614.6
Aviation Funds	1.0	1.3	1.0	1.4	1.2	5.9
CEF	4.1	5.3	4.1	5.7	4.7	23.9
Fleet Rates	3.0	4.0	3.0	4.3	3.5	17.8
Forensic Science IGAs	0.1	0.1	0.1	0.1	0.1	0.5
Groundwater Trtmt	-	-	-	-	-	-
HURF	8.7	11.4	8.7	12.2	10.1	51.1
Irrigation Wtr Dist	-	-	-	-	-	-
McCormick RR Pk/Rev Fac Ops	0.4	0.6	0.4	0.6	0.5	2.5
Police 30 Day Tow	0.2	0.2	0.2	0.2	0.2	1.0
Sanitation Rates	2.2	2.9	2.2	3.1	2.5	12.9
Section 8	0.8	1.0	0.8	1.1	0.9	4.6
Self Insurance	0.8	1.0	0.8	1.2	1.0	4.8
Sewer Rates	0.8	1.0	0.8	1.1	0.9	4.6
Water Rates	22.3	28.9	22.3	31.1	25.7	130.3
<b>Total:</b>	<b>320.1</b>	<b>417.0</b>	<b>320.1</b>	<b>447.2</b>	<b>370.1</b>	<b>1,874.5</b>

\*Recurring Capital Maintenance Projects.

# Technology Improvements

## \* Y1007 - Information Technology – Network Infrastructure

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$310.9      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's computer network infrastructure.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	311.7	-	-	-	-	311.7
Aviation Funds	1.4	-	-	-	-	1.4
CDBG	0.2	-	-	-	-	0.2
Fleet Rates	3.4	-	-	-	-	3.4
Groundwater Trtmt	0.1	-	-	-	-	0.1
HURF	8.8	-	-	-	-	8.8
Sanitation Rates	2.6	-	-	-	-	2.6
Section 8	0.2	-	-	-	-	0.2
Self Insurance	1.1	-	-	-	-	1.1
Sewer Rates	0.6	-	-	-	-	0.6
Water Rates	24.9	-	-	-	-	24.9
<b>Total:</b>	<b>355.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>355.0</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

**\* Y1110 - Information Technology - PC Equipment**

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$923.7      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of City standard computers, laptops, monitors and printers.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,234.6	-	-	-	-	1,234.6
Aviation Funds	4.5	-	-	-	-	4.5
CEF	18.2	-	-	-	-	18.2
Fleet Rates	13.6	-	-	-	-	13.6
Forensic Science IGAs	0.4	-	-	-	-	0.4
Groundwater Trtmt	1.1	-	-	-	-	1.1
HURF	39.0	-	-	-	-	39.0
Irrigation Wtr Dist	0.4	-	-	-	-	0.4
McCormick RR Pk/Rev Fac Ops	1.9	-	-	-	-	1.9
Police 30 Day Tow	0.8	-	-	-	-	0.8
Sanitation Rates	9.8	-	-	-	-	9.8
Section 8	3.4	-	-	-	-	3.4
Self Insurance	3.8	-	-	-	-	3.8
Sewer Rates	3.4	-	-	-	-	3.4
Water Rates	98.1	-	-	-	-	98.1
<b>Total:</b>	<b>1,433.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,433.0</b>

\*Recurring Capital Maintenance Projects.

# Technology Improvements

## M0205 - Information Technology – Security Investment

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$334.0      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Implement two factor authentication for network access, web filtering, and centralized laptop management solutions for stronger network security.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	337.6	-	-	-	-	337.6
<b>Total:</b>	<b>337.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>337.6</b>

## \* Y1208 - Information Technology - Server Infrastructure

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's computer server infrastructure.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	592.7	442.8	624.3	1,120.1	796.9	3,576.8
Aviation Funds	1.8	1.5	2.4	3.2	2.9	11.8
CEF	7.0	5.9	9.5	12.8	11.7	46.9
Fleet Rates	5.3	4.4	7.1	9.6	8.8	35.2
Forensic Science IGAs	0.1	0.1	0.2	0.3	0.2	0.9
Groundwater Trtmt	-	-	-	-	-	-
HURF	15.0	12.7	20.5	27.5	25.2	100.9
Irrigation Wtr Dist	-	-	-	-	-	-
McCormick RR Pk/Rev Fac Ops	0.7	0.6	1.0	1.3	1.2	4.8
Police 30 Day Tow	0.3	0.2	0.4	0.5	0.5	1.9
Sanitation Rates	3.8	3.2	5.2	6.9	6.4	25.5
Section 8	1.3	1.1	1.8	2.4	2.2	8.8
Self Insurance	1.5	1.2	2.0	2.7	2.4	9.8
Sewer Rates	1.3	1.1	1.8	2.4	2.2	8.8
Water Rates	38.3	32.4	52.2	76.3	64.2	263.4
<b>Total:</b>	<b>669.1</b>	<b>507.2</b>	<b>728.4</b>	<b>1,266.0</b>	<b>924.8</b>	<b>4,095.5</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

**\* Y1108 - Information Technology - Server Infrastructure**

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$141.5      **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Planned systematic upgrade and ongoing replacement of the City's computer server infrastructure.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	770.2	-	-	-	-	770.2
Aviation Funds	2.8	-	-	-	-	2.8
CEF	11.3	-	-	-	-	11.3
Fleet Rates	8.5	-	-	-	-	8.5
Forensic Science IGAs	0.2	-	-	-	-	0.2
Groundwater Trtmt	0.7	-	-	-	-	0.7
HURF	24.3	-	-	-	-	24.3
Irrigation Wtr Dist	0.2	-	-	-	-	0.2
McCormick RR Pk/Rev Fac Ops	1.2	-	-	-	-	1.2
Police 30 Day Tow	0.5	-	-	-	-	0.5
Sanitation Rates	6.1	-	-	-	-	6.1
Section 8	2.1	-	-	-	-	2.1
Self Insurance	2.4	-	-	-	-	2.4
Sewer Rates	2.1	-	-	-	-	2.1
Water Rates	61.2	-	-	-	-	61.2
<b>Total:</b>	<b>893.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>893.8</b>

\*Recurring Capital Maintenance Projects.



# Technology Improvements

## \* Y1008 - Information Technology – Server Infrastructure

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$1,037.4      **Operating Impact:** \$0.0  
**Location:** Technology  
**Project Type:** Technology Related  
**Description:** Planned systematic upgrade and ongoing replacement of the City's computer server infrastructure.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	1,103.8	-	-	-	-	1,103.8
Aviation Funds	4.8	-	-	-	-	4.8
CDBG	0.7	-	-	-	-	0.7
Fleet Rates	12.2	-	-	-	-	12.2
Groundwater Trtmt	0.4	-	-	-	-	0.4
HURF	31.1	-	-	-	-	31.1
Sanitation Rates	9.2	-	-	-	-	9.2
Section 8	0.7	-	-	-	-	0.7
Self Insurance	3.9	-	-	-	-	3.9
Sewer Rates	2.2	-	-	-	-	2.2
Water Rates	88.3	-	-	-	-	88.3
<b>Total:</b>	<b>1,257.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,257.3</b>

## M0906 - Information Technology - Telephone System Upgrade

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$129.8      **Operating Impact:** \$0.0  
**Location:** Technology  
**Project Type:** Technology Related  
**Description:** The Telephone System Upgrade will allow the City to continue to provide phone service to individuals on the City's main campuses by replacing the aging infrastructure. This item was originally included in the Telephone Infrastructure Replacement Fund.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	630.0	-	-	-	-	630.0
<b>Total:</b>	<b>630.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>630.0</b>

## M0506 - Information Technology – Web Content Management SW

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$234.1      **Operating Impact:** \$0.0  
**Location:** Technology  
**Project Type:** Technology Related  
**Description:** Implement an enterprise wide web content management system to improve the integrity and manageability of Internet and Intranet services through increased efficiency of the publishing process.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	298.4	-	-	-	-	298.4
<b>Total:</b>	<b>298.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>298.4</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

### M1101 - Mobile Network Software

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Implement an application which will provide incremental software updates, auditing control, license management and additional security for the mobile computing platform. The application coupled with required infrastructure will provide the capability to manage mobile computing assets from a central support location by integrating with wireless interfaces.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	208.8	-	-	-	-	208.8
Fleet Rates	2.0	-	-	-	-	2.0
HURF	27.5	-	-	-	-	27.5
Sanitation Rates	32.5	-	-	-	-	32.5
Sewer Rates	16.5	-	-	-	-	16.5
Water Rates	59.1	-	-	-	-	59.1
<b>Total:</b>	<b>346.4</b>	-	-	-	-	<b>346.4</b>

### M0707 - Network Infrastructure Extension

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$698.7    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Extend the City "network backbone" in order to provide service for key City sites and projects. A combination of microwave radio links, fiber optic cable and high speed telephone circuits will be used.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	862.5	-	-	-	-	862.5
<b>Total:</b>	<b>862.5</b>	-	-	-	-	<b>862.5</b>

### M0512 - Police – Fashion Square Radio Treatment

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$11.2    **Operating Impact:** \$0.0

**Location:** Fashion Square Mall

**Project Type:** Technology Related

**Description:** Eliminate radio "dead zones" within the Scottsdale Fashion Square allowing police officers to communicate with one another and dispatch.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	225.0	-	-	-	-	225.0
<b>Total:</b>	<b>225.0</b>	-	-	-	-	<b>225.0</b>

\*Recurring Capital Maintenance Projects.

# Technology Improvements

## M0401 - Police – Records Management and CAD System Replacement

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$4,248.8    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Procure, replace and enhance the Computer Aided Dispatch (CAD) and Records Management (RMS) Systems. The project also provides interfaces to other local, county, state and national systems and meets the requirements of mobile reporting, message switching, case management and data mining.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	4,525.0	-	-	-	-	4,525.0
<b>Total:</b>	<b>4,525.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,525.0</b>

## M0907 - Public Safety Microwave Radio

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$2,175.3    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Purchase the equipment and services needed to install a private (City owned) microwave communications network. This will enhance the Police Radio System by augmenting leased lines in order to provide 99.999% Public Safety grade system reliability.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	550.0	-	-	-	-	550.0
Federal RICO	2,000.0	-	-	-	-	2,000.0
<b>Total:</b>	<b>2,550.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,550.0</b>

## M0615 - Public Safety Radio System - Phase I

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$21,005.0    **Operating Impact:** \$0.0

**Location:** Technology

**Project Type:** Technology Related

**Description:** Purchase a new radio system that provides improved coverage, interoperability with other public safety agencies, and increased bandwidth to handle growth in radio voice traffic. This new radio system infrastructure will provide a replacement voice radio system for all City Departments using the Maricopa County radio network and accommodate the eventual migration of the Fire Department from VHF radio channels to a trunked radio infrastructure.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	22,050.0	-	-	-	-	22,050.0
<b>Total:</b>	<b>22,050.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22,050.0</b>

\*Recurring Capital Maintenance Projects.

## Technology Improvements

### M0706 - Wide Area Network Fiber

**Est. Completion:** 07/11    **Est. ITD Expenditures (Thru 06/11):** \$110.5    **Operating Impact: (12/13):** \$5.0

**Location:** Citywide

**Project Type:** Technology Related

**Description:** Extend fiber that is being placed for the ITS (Intelligent Transportation Systems) project to City locations on the WAN (wide area network) such as parks and libraries that are in very close proximity to current or planned fiber paths. This upgrade will allow these locations to connect directly to the City network.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	465.8	-	-	-	-	465.8
<b>Total:</b>	<b>465.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>465.8</b>

### M0802 - Work Order System Upgrade/Replacement

**Est. Completion:** 07/11    **Est. ITD Expenditures (Thru 06/11):** \$44.0    **Operating Impact: (12/13):** \$79.8

**Location:** Technology

**Project Type:** Technology Related

**Description:** Replace the 7-year old Information Technology division's Problem and Service Ticket System with a modern Service Management System that will meet the needs of IT and our internal customers.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
General Fund	656.3	-	-	-	-	656.3
<b>Total:</b>	<b>656.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>656.3</b>

\*Recurring Capital Maintenance Projects.



---

FY 2011/12 Adopted Budget

---

# Project Descriptions

## Transportation (In thousands of dollars)

Transportation programs focus on providing for the safe, efficient, and affordable movement of people and goods. This program meets this goal by attempting to offer real transportation choices in a way that meets the needs of the community. In 1989 voters authorized a 0.2% privilege tax to fund transportation operations and improvements. In 2004 voters approved a 20-year extension of a half-cent transportation sales tax in Maricopa County that was first approved in 1985 to fund freeway construction. This program looks for the best use of these funding sources and addresses the multi-modal concept. Approximately 22.4% (\$128.4 million) of the CIP has been identified to address the transportation needs of the City.

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Transportation</b>								
<b>Aviation/Aviation Improvements</b>								
A1101	ADA Facility Compliance	-	25.0	-	-	-	25.0	92
A0509	Airport - Future Grants	-	5,500.0	-	-	-	5,500.0	92
A0706	Airport Master Plan	(100.7)	550.7	-	-	-	550.7	92
A0710	Airport Pavement Preservation Program	(469.0)	623.0	75.0	-	-	698.0	93
A0901	Airport Runway Resurfacing Project	(2,718.1)	2,000.0	-	-	-	2,000.0	93
A0903	Airport Security System Improvements	(0.1)	150.0	200.0	-	-	350.0	93
A1102	Airport Sweeper Replacement	(187.4)	190.0	-	-	-	190.0	93
A1202	Airport Terminal Area Signage Upgrade	-	200.0	-	-	-	200.0	94
TEMP972	Apron Reconstruction - Delta Apron	-	-	300.0	2,700.0	-	3,000.0	94
A0709	Apron Reconstruction - Landmark and Transient	(87.3)	7,563.2	-	-	-	7,563.2	94
A0504	Aviation Grant Match Contingency	-	450.0	-	-	-	450.0	94
A1201	Construct Airport Operations/Maintenance	-	300.0	2,000.0	-	-	2,300.0	95
A0704	Design and Construct Greenway Hangar Connectors	(172.9)	160.0	-	-	-	160.0	95
A0705	Design and Construct Retention Basin Improvements	-	270.3	-	-	-	270.3	95
TEMP971	Environmental Assessment for Land Acquisition	-	-	250.0	-	-	250.0	96
TEMP974	Overlay Taxiway "B" and Exits	-	-	-	-	150.0	1,350.0	96
A0601	Perimeter Road Construction	(180.1)	175.1	-	-	-	175.1	96
TEMP973	Reconstruct and Strengthen Runway 03/21	-	-	-	600.0	5,400.0	6,000.0	97
A1204	Reconstruct Taxiway "A" and Exits	-	900.0	8,100.0	-	-	9,000.0	97
TEMP975	Reconstruct Taxiway "C"	-	-	-	-	35.0	315.0	97
A0802	Runway Safety Enhancements Phase 2	(922.5)	4,970.0	-	-	-	4,970.0	98
A0603	Taxiway Connectors Construction	(53.0)	296.7	-	-	-	296.7	98
A1203	Terminal Apron Taxilane Reconstruction	-	250.0	-	-	-	250.0	98
<b>Streets/Street Improvements</b>								
S1103	Airpark Area Access Projects Phase I	-	2,775.0	4,193.0	11,848.0	12,986.0	31,802.0	99
S1102	Arizona Canal - 64th Street to Goldwater Blvd.	-	300.0	-	-	-	300.0	99
G1201	Arizona Canal - 64th Street to Goldwater Blvd. - Grant	-	2,323.8	-	-	-	2,323.8	99
* Y0718	CIP Advance Planning Program	(2,162.1)	2,257.4	-	-	-	2,257.4	100
S0304	Frank Lloyd Wright--Scottsdale Rd to Shea	(302.6)	1,763.5	-	-	-	1,763.5	100
S0402	Indian Bend Road -- Scottsdale to Hayden	(25,325.2)	25,780.0	-	-	-	25,780.0	100

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Transportation

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Transportation</b>								
<b>Streets/Street Improvements</b>								
G1107	Mill and Overlay Projects Phase 2	-	831.9	-	-	-	-	831.9 101
* Y1229	Pavement Overlay Program	-	1,500.0	2,500.0	2,500.0	2,500.0	2,500.0	11,500.0 101
S1101	Pima Road - McDowell to 90th Street	(2.9)	22,954.5	18,652.1	7,204.4	-	-	48,811.0 101
S0901	Pima Road – Thompson Peak to Pinnacle Peak Rd.	(21,840.3)	26,507.3	-	-	-	-	26,507.3 102
S7005	Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway	(31,084.2)	49,074.5	-	-	-	-	49,074.5 102
S0311	Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak	(1,255.3)	13,738.3	3,791.8	-	-	-	17,530.1 103
<b>Traffic/Traffic Reduction</b>								
TEMP872	Hayden Road / Camelback Intersection Improvements	-	-	-	-	-	2,760.0	2,760.0 104
TEMP871	Hayden Road / Chaparral Intersection Improvements	-	-	-	1,760.0	-	-	1,760.0 104
TEMP976	Hayden/Thomas Safety Improvements	-	110.0	1,100.0	-	-	-	1,210.0 104
* Y1219	Intersection Mobility Enhancements	-	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0 105
* Y1119	Intersection Mobility Enhancements	(671.1)	1,700.0	-	-	-	-	1,700.0 105
T0902	ITS/Signal System Upgrades	(0.1)	249.1	1,000.0	700.0	700.0	-	2,649.1 105
G1202	ITS/Signal System Upgrades - Grant	-	249.1	-	300.0	300.0	500.0	1,349.1 106
T1001	McDowell Road ITS Corridor	(0.2)	350.0	-	-	-	-	350.0 106
* Y0821	Neighborhood Traffic Management Program	(346.4)	1,000.0	-	-	-	-	1,000.0 106
* Y0721	Neighborhood Traffic Management Program	(1,206.0)	1,394.0	-	-	-	-	1,394.0 106
* Y1121	Neighborhood Traffic Management Program	(87.4)	500.0	-	-	-	-	500.0 107
* Y1221	Neighborhood Traffic Management Program	-	250.0	250.0	250.0	250.0	250.0	1,250.0 107
G1104	Scottsdale Road ITS - Grant	(472.5)	522.7	-	-	-	-	522.7 107
* Y1122	Traffic Management Program - ITS	(269.8)	500.0	-	-	-	-	500.0 108
* Y0722	Traffic Management Program - ITS	(7,065.6)	8,388.1	-	-	-	-	8,388.1 107
* Y1222	Traffic Management Program - ITS	-	500.0	500.0	500.0	500.0	500.0	2,500.0 108
* Y1023	Traffic Signal Program	(343.6)	390.0	-	-	-	-	390.0 108
TEMP868	Trail Improvement Program	-	-	-	650.0	650.0	500.0	1,800.0 108
<b>Transit/Transit Improvements</b>								
TEMP738	Arizona Canal Path: McDonald to Indian Bend Wash	-	-	-	2,661.7	-	-	2,661.7 109
TEMP692	Arizona Canal Path-Chaparral to McDonald	-	-	2,100.0	-	-	-	2,100.0 109
* Y1028	Bikeways Program	(792.2)	1,951.2	-	-	-	-	1,951.2 109
* Y1128	Bikeways Program	(16.2)	750.0	-	-	-	-	750.0 110
* Y1228	Bikeways Program	-	500.0	500.0	750.0	750.0	750.0	3,250.0 110
* Y1217	Bus Stop Improvements	-	150.0	150.0	150.0	150.0	150.0	750.0 111
* Y1117	Bus Stop Improvements	-	200.0	-	-	-	-	200.0 111
* Y1017	Bus Stop Improvements	(276.0)	576.0	-	-	-	-	576.0 110
* Y0817	Bus Stop Improvements	(85.2)	400.0	-	-	-	-	400.0 111
T1101	Bus/Trolley Acquisition	-	442.4	-	-	-	-	442.4 112
T0703	Cross Cut Canal Multiuse Path Phase II	(436.5)	481.0	-	-	-	-	481.0 112
G1003	Cross Cut Canal Multiuse Path Phase II - Grant MAG	-	882.3	-	-	-	-	882.3 112

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Transportation

(In thousands of dollars)

Project #	Project Name	Estimated Expenditures					Total	Page #
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast		
<b>Transportation</b>								
<b>Transit/Transit Improvements</b>								
T0801	Downtown Pedestrian Improvements	(249.9)	600.0	-	-	-	-	600.0 112
T0604	Indian Bend Wash Path Connection	(434.5)	598.3	-	-	-	-	598.3 113
G1013	Indian Bend Wash Path Connection - Grant	(894.6)	907.5	-	-	-	-	907.5 113
T0605	McDowell Road Bicycle and Pedestrian Improvements	(1,466.1)	3,004.4	-	-	-	-	3,004.4 113
G1101	McDowell Road Bicycle and Pedestrian Improvements - Grant	-	600.0	-	-	-	-	600.0 114
G1010	Mustang Park & Ride - Grant	-	4,475.8	-	-	-	-	4,475.8 114
T9902	Mustang Park and Ride	(9.6)	2,237.8	-	-	-	-	2,237.8 114
T0502	Mustang Transit Passenger Facility	(55.6)	1,502.8	-	-	-	-	1,502.8 115
G1008	Mustang Transit Passenger Facility - Grant	-	747.2	-	-	-	-	747.2 115
G1005	North Bank & Goldwater Underpass - Grant	(352.8)	337.6	-	-	-	-	337.6 115
T0704	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I	(0.5)	203.8	-	-	-	-	203.8 115
G1103	Scottsdale Road Pedestrian & Bicycle Improvements, Phase I - Grant	(5,865.1)	7,258.4	-	-	-	-	7,258.4 116
T0705	Scottsdale Road Pedestrian & Bicycle Improvements, Phase II	(1.1)	814.0	-	-	-	-	814.0 116
G1012	Scottsdale Road Pedestrian and Bicycle Improvements Phase II - Grant	-	658.0	-	-	-	-	658.0 116
T0901	Scottsdale/Thunderbird Park and Ride	(81.0)	2,853.8	-	-	-	-	2,853.8 117
G1014	Scottsdale/Thunderbird Park and Ride Facility - Grant	(469.9)	7,704.2	-	-	-	-	7,704.2 117
* Y1120	Sidewalk Improvements	(9.8)	500.0	-	-	-	-	500.0 117
* Y1020	Sidewalk Improvements	(296.0)	809.0	-	-	-	-	809.0 117
* Y1220	Sidewalk Improvements	-	350.0	350.0	350.0	350.0	350.0	1,750.0 118
T0601	Skysong Center Transit Passenger Facility	(485.5)	1,034.3	-	-	-	-	1,034.3 118
G1009	Skysong Center Transit Passenger Facility - Grant	-	3,583.1	-	-	-	-	3,583.1 118
T0606	Thomas Road Bicycle Lanes and Enhanced Sidewalks	(1,295.3)	4,613.9	-	-	-	-	4,613.9 118
T0607	Transit Vehicle Refurbishment	-	400.0	-	-	-	-	400.0 119

\*Recurring Capital Maintenance Projects.



# Aviation/Aviation Improvements

## A1101 - ADA Facility Compliance

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Scottsdale Airport – 15000 N. Airport Drive

**Project Type:** Construction Related

**Description:** The project will involve making minor building improvements in the Airport Terminal Building and Aviation Business Center in order to ensure compliance with Federal ADA Regulations.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	25.0	-	-	-	-	25.0
<b>Total:</b>	<b>25.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.0</b>

## A0509 - Airport - Future Grants

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Scottsdale Airport – 15000 N. Airport Drive

**Project Type:** Construction Related

**Description:** Flexibility to take advantage of unanticipated grant projects.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	5,500.0	-	-	-	-	5,500.0
<b>Total:</b>	<b>5,500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,500.0</b>

## A0706 - Airport Master Plan

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$100.7      **Operating Impact:** \$0.0

**Location:** Airport Study

**Project Type:** Construction Related

**Description:** This project will provide the funding for the airport to conduct an Airport Master Plan update. This study will update the current and future uses and facilities of the City's airport. The last master plan was completed in 1997. The FAA and ADOT prefer that master plans be updated every 5 to 10 years depending on how quickly the airport operating environment is changing.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	111.9	-	-	-	-	111.9
Grants	438.8	-	-	-	-	438.8
<b>Total:</b>	<b>550.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>550.7</b>

\*Recurring Capital Maintenance Projects.

## Aviation/Aviation Improvements

### A0710 - Airport Pavement Preservation Program

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$469.0    **Operating Impact:** \$0.0  
**Location:** Scottsdale Airport – 15000 N. Airport Drive  
**Project Type:** Construction Related  
**Description:** Pavement preservation for various areas at Scottsdale Airport.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	623.0	75.0	-	-	-	698.0
<b>Total:</b>	<b>623.0</b>	<b>75.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>698.0</b>

### A0901 - Airport Runway Resurfacing Project

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$2,718.1    **Operating Impact:** \$0.0  
**Location:** Airport Property  
**Project Type:** Construction Related  
**Description:** This project will provide funding to resurface the airport's most critical piece of pavement. The existing surface of the airport's runway will be removed and then it will be replaced with a 1 1/2 inch thick layer of rubberized asphalt. This will be done to ensure that the airport is complying with its pavement preservation plan and other safety standards.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	2,000.0	-	-	-	-	2,000.0
<b>Total:</b>	<b>2,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,000.0</b>

### A0903 - Airport Security System Improvements

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.1    **Operating Impact:** \$0.0  
**Location:** Airport  
**Project Type:** Technology Related  
**Description:** Purchase a thermal imaging video camera to enhance nighttime security at the City's airport. Update the access control system.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	150.0	200.0	-	-	-	350.0
<b>Total:</b>	<b>150.0</b>	<b>200.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350.0</b>

### A1102 - Airport Sweeper Replacement

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$187.4    **Operating Impact:** \$0.0  
**Location:** Scottsdale Airport – 15000 N. Airport Drive  
**Project Type:** Technology Related  
**Description:** The Airport Sweeper is used to maintain a safe operating environment for aircraft by removing foreign matter and debris from the airport's runway, taxiway and aircraft parking areas.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	190.0	-	-	-	-	190.0
<b>Total:</b>	<b>190.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190.0</b>

\*Recurring Capital Maintenance Projects.

# Aviation/Aviation Improvements

## A1202 - Airport Terminal Area Signage Upgrade

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Airport  
**Project Type:** Construction Related  
**Description:** Replace aging and outdated Airport Terminal area signage to enhance the airport/airpark character area branding.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	200.0	-	-	-	-	200.0
<b>Total:</b>	<b>200.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200.0</b>

## TEMP972 - Apron Reconstruction - Delta Apron

**Est. Completion:** 06/14    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Airport  
**Project Type:** Construction Related  
**Description:** Design and reconstruct the "Delta" aircraft parking apron. Necessary to meet FAA standards for the design aircraft. This pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	-	7.5	67.5	-	-	75.0
Grants	-	292.5	2,632.5	-	-	2,925.0
<b>Total:</b>	<b>-</b>	<b>300.0</b>	<b>2,700.0</b>	<b>-</b>	<b>-</b>	<b>3,000.0</b>

## A0709 - Apron Reconstruction - Landmark and Transient

**Est. Completion:** 10/11    **Est. ITD Expenditures (Thru 06/11):** \$87.3    **Operating Impact:** \$0.0  
**Location:** Scottsdale Airport – 15000 N. Airport Drive  
**Project Type:** Construction Related  
**Description:** Reconstruct aircraft parking aprons designated "Landmark" and "Transient". Necessary to meet FAA standards for the design aircraft. This pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	189.1	-	-	-	-	189.1
Grants	7,374.1	-	-	-	-	7,374.1
<b>Total:</b>	<b>7,563.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,563.2</b>

## A0504 - Aviation Grant Match Contingency

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Scottsdale Airport – 15000 N. Airport Drive  
**Project Type:** Construction Related  
**Description:** Flexibility to take advantage of unanticipated grant projects.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	450.0	-	-	-	-	450.0
<b>Total:</b>	<b>450.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>450.0</b>

\*Recurring Capital Maintenance Projects.

## Aviation/Aviation Improvements

### A1201 - Construct Airport Operations/Maintenance

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Airport

**Project Type:** Construction Related

**Description:** Design and construct a consolidated operations and maintenance facility on existing Airport property. The facility will allow for storage of assets in one location and release a covered t-hangar to generate additional revenue. This facility will be constructed in the central part of the Airport, which will also enhance airfield security by providing Airport Operations staff with a full, unobstructed view of the airfield at all times.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	300.0	2,000.0	-	-	-	2,300.0
<b>Total:</b>	<b>300.0</b>	<b>2,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,300.0</b>

### A0704 - Design and Construct Greenway Hangar Connectors

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$172.9      **Operating Impact:** \$0.0

**Location:** Airport

**Project Type:** Construction Related

**Description:** The project will involve designing and reconstructing the six taxilanes that lead to the Greenway Hangar Complex. These taxilanes are currently in disrepair. Reconstructing the taxilanes will ensure that aircraft can safely pass to and from the hangar area without sustaining damage or blowing debris at persons or other aircraft.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	4.0	-	-	-	-	4.0
Grants	156.0	-	-	-	-	156.0
<b>Total:</b>	<b>160.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>160.0</b>

### A0705 - Design and Construct Retention Basin Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Airport

**Project Type:** Construction Related

**Description:** This project will include the design and construction of improvements for the airport retention basin. This will involve grading and installing a concrete surface near drainage outfalls on the south end of the airport. These improvements will prevent rutting and erosion of those unpaved areas that typically occur during rain events. The area is required to be kept free of ruts and other hazards to prevent damage to aircraft in the event that one inadvertently leaves the runway surface.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	6.8	-	-	-	-	6.8
Grants	263.5	-	-	-	-	263.5
<b>Total:</b>	<b>270.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>270.3</b>

\*Recurring Capital Maintenance Projects.

# Aviation/Aviation Improvements

## TEMP971 - Environmental Assessment for Land Acquisition

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Airport

**Project Type:** Construction Related

**Description:** Conduct an environmental assessment as a prerequisite to purchasing a 10-acre parcel of land on the east side of the Airport. This land will be used to accommodate future aviation needs and increase airport capacity.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	-	6.2	-	-	-	6.2
Grants	-	243.8	-	-	-	243.8
<b>Total:</b>	-	<b>250.0</b>	-	-	-	<b>250.0</b>

## TEMP974 - Overlay Taxiway "B" and Exits

**Est. Completion:** 06/16      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Airport

**Project Type:** Construction Related

**Description:** Design and construct pavement overlay to Taxiway "Bravo" and exits. This project also includes overlay of taxiway shoulders and will ensure that the pavement will maintain its useful life of 20 years.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	-	-	-	3.7	33.8	37.5
Grants	-	-	-	146.3	1,316.2	1,462.5
<b>Total:</b>	-	-	-	<b>150.0</b>	<b>1,350.0</b>	<b>1,500.0</b>

## A0601 - Perimeter Road Construction

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$180.1      **Operating Impact:** \$0.0

**Location:** Scottsdale Airport – 15000 N. Airport Drive

**Project Type:** Construction Related

**Description:** Construction of Airport Perimeter Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	4.4	-	-	-	-	4.4
Grants	170.7	-	-	-	-	170.7
<b>Total:</b>	<b>175.1</b>	-	-	-	-	<b>175.1</b>

\*Recurring Capital Maintenance Projects.

## Aviation/Aviation Improvements

### TEMP973 - Reconstruct and Strengthen Runway 03/21

**Est. Completion:** 06/15      **Est. ITD Expenditures (Thru 06/11):**      \$0.0      **Operating Impact:**      \$0.0

**Location:**      Airport

**Project Type:**      Construction Related

**Description:**      Design and reconstruct the Airport's runway in order to regularly allow aircraft to operate up to 100,000 pounds at takeoff. This project also includes improving runway shoulders.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	-	-	15.0	135.0	-	150.0
Grants	-	-	585.0	5,265.0	-	5,850.0
<b>Total:</b>	<b>-</b>	<b>-</b>	<b>600.0</b>	<b>5,400.0</b>	<b>-</b>	<b>6,000.0</b>

### A1204 - Reconstruct Taxiway "A" and Exits

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):**      \$0.0      **Operating Impact:**      \$0.0

**Location:**      Airport

**Project Type:**      Construction Related

**Description:**      Design and reconstruct the most heavily used taxiway on the Airport. Necessary to meet FAA standards for the design aircraft. This pavement has exceeded its 20 year life expectancy. The project also includes constructing new taxiway shoulders and lighting

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	22.5	202.5	-	-	-	225.0
Grants	877.5	7,897.5	-	-	-	8,775.0
<b>Total:</b>	<b>900.0</b>	<b>8,100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,000.0</b>

### TEMP975 - Reconstruct Taxiway "C"

**Est. Completion:** 06/16      **Est. ITD Expenditures (Thru 06/11):**      \$0.0      **Operating Impact:**      \$0.0

**Location:**      Airport

**Project Type:**      Construction Related

**Description:**      Design and reconstruct Taxiway "Charlie". Necessary to meet FAA standards for the design aircraft. This pavement has exceeded its 20 year life expectancy.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	-	-	-	0.9	7.8	8.7
Grants	-	-	-	34.1	307.2	341.3
<b>Total:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35.0</b>	<b>315.0</b>	<b>350.0</b>

\*Recurring Capital Maintenance Projects.

# Aviation/Aviation Improvements

## A0802 - Runway Safety Enhancements Phase 2

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$922.5    **Operating Impact:** \$0.0  
**Location:** Airport Property, 15000 North Airport Drive  
**Project Type:** Construction Related  
**Description:** This phase of the project involves a series of projects that will enhance the runway safety at Scottsdale Airport by creating additional spacing between the aircraft that are waiting for take off and the aircraft that are using the runway.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	124.2	-	-	-	-	124.2
Grants	4,845.8	-	-	-	-	4,845.8
<b>Total:</b>	<b>4,970.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,970.0</b>

## A0603 - Taxiway Connectors Construction

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$53.0    **Operating Impact:** \$0.0  
**Location:** Scottsdale Airport – 15000 N. Airport Drive  
**Project Type:** Construction Related  
**Description:** Construct Taxiway Connectors at "Greenway" and "Delta" aprons.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	7.5	-	-	-	-	7.5
Grants	289.2	-	-	-	-	289.2
<b>Total:</b>	<b>296.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>296.7</b>

## A1203 - Terminal Apron Taxilane Reconstruction

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Airport  
**Project Type:** Construction Related  
**Description:** Design and reconstruct a small segment of the Airport Terminal apron taxilane to accommodate heavier aircraft. Necessary to meet FAA standards.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Aviation Funds	6.2	-	-	-	-	6.2
Grants	243.8	-	-	-	-	243.8
<b>Total:</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250.0</b>

\*Recurring Capital Maintenance Projects.

## Streets/Street Improvements

### S1103 - Airpark Area Access Projects Phase I

**Est. Completion:**                      **Est. ITD Expenditures (Thru 06/11):**      \$0.0                                      **Operating Impact:**      \$0.0

**Location:**                      Airpark Area

**Project Type:**                      Construction Related

**Description:**                      Phase I improvements are planned to include the design and construction of a new public collector street on the Northsight alignment north of Hayden Road, a new frontage road along the south side of Frank Lloyd Wright Boulevard, access and capacity improvements in the vicinity of the Loop 101/Raintree interchange, intersection and travel lane capacity improvements along the Raintree corridor east and west of Hayden Road, and preliminary design of improvements on the west side of the Scottsdale Airport. Improvements will also include landscaping and pedestrian, bicycle and transit access consistent with the Transportation Master Plan and City design guidelines.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Halfcent Tax	-	943.0	11,848.0	12,986.0	-	25,777.0
Transportation 0.2% Sales Tax	2,775.0	3,250.0	-	-	-	6,025.0
<b>Total:</b>	<b>2,775.0</b>	<b>4,193.0</b>	<b>11,848.0</b>	<b>12,986.0</b>	<b>-</b>	<b>31,802.0</b>

### S1102 - Arizona Canal - 64th Street to Goldwater Blvd.

**Est. Completion:**      06/13      **Est. ITD Expenditures (Thru 06/11):**      \$0.0                                      **Operating Impact:**      \$0.0

**Location:**                      Pima On the south bank of the Arizona Canal between 64th Street and Goldwater

**Project Type:**                      Construction Related

**Description:**                      Design and construct a fourteen foot-wide shared use path on the south bank of the Arizona Canal. Project includes a 12' concrete path and a minimum 4' unpaved trail. Connections to Lafayette Park will be improved. Intersection improvements to accommodate path users will be made at 64 St/Thomas, 64th St/Osborn, 64th St/Indian School, and 68th St/Indian School.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	300.0	-	-	-	-	300.0
<b>Total:</b>	<b>300.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300.0</b>

### G1201 - Arizona Canal - 64th Street to Goldwater Blvd. - Grant

**Est. Completion:**      06/13      **Est. ITD Expenditures (Thru 06/11):**      \$0.0                                      **Operating Impact:**      \$0.0

**Location:**                      Pima On the south bank of the Arizona Canal between 64th Street and Goldwater

**Project Type:**                      Construction Related

**Description:**                      Design and construct a fourteen foot-wide shared use path on the south bank of the Arizona Canal. Project includes a 12' concrete path and a minimum 4' unpaved trail. Connections to Lafayette Park will be improved. Intersection improvements to accommodate path users will be made at 64 St/Thomas, 64th St/Osborn, 64th St/Indian School, and 68th St/Indian School.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	2,323.8	-	-	-	-	2,323.8
<b>Total:</b>	<b>2,323.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,323.8</b>

\*Recurring Capital Maintenance Projects.



## Streets/Street Improvements

### \* Y0718 - CIP Advance Planning Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$2,162.1      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Conduct studies, travel demand modeling, analysis and internal/external coordination to determine future capital improvement needs for major street, intersection, traffic management and transit projects.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	2,000.0	-	-	-	-	2,000.0
Transportation 0.2% Sales Tax	257.4	-	-	-	-	257.4
<b>Total:</b>	<b>2,257.4</b>	-	-	-	-	<b>2,257.4</b>

### S0304 - Frank Lloyd Wright–Scottsdale Rd to Shea

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$302.6      **Operating Impact: (12/13):** \$1.4  
**Location:** Frank Lloyd Wright Boulevard from Scottsdale Road to Shea Boulevard  
**Project Type:** Construction Related  
**Description:** Construct a series of localized turn lane improvements and access control modifications, including median modifications, throughout the corridor. The project includes two phases, Scottsdale Road to Redfield Road (Phase I) and Redfield to Shea Boulevard (Phase II). In addition, the project will improve the Frank Lloyd Wright and Via Linda intersection by constructing new turn lanes, bus bays and bus shelters, and installing Intelligent Transportation System features.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,763.5	-	-	-	-	1,763.5
<b>Total:</b>	<b>1,763.5</b>	-	-	-	-	<b>1,763.5</b>

### S0402 - Indian Bend Road – Scottsdale to Hayden

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$25,325.2      **Operating Impact: (12/13):** \$23.8  
**Location:** Indian Bend Road from Scottsdale Road to Hayden Road  
**Project Type:** Construction Related  
**Description:** Construct to four-lane minor arterial standards with landscaped median, turn lanes, bike lanes, curb and gutter, new all-weather crossing of Indian Bend Wash and sidewalk on south side. A new multi use path will be installed on north side to connect the Indian Bend path system with McCormick Railroad Park. Additional turn lanes will be constructed at the Scottsdale Road and Hayden Road intersections.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	20,735.0	-	-	-	-	20,735.0
Grants	-	-	-	-	-	-
Transportation 0.2% Sales Tax	5,045.0	-	-	-	-	5,045.0
<b>Total:</b>	<b>25,780.0</b>	-	-	-	-	<b>25,780.0</b>

\*Recurring Capital Maintenance Projects.

## Streets/Street Improvements

### G1107 - Mill and Overlay Projects Phase 2

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Hayden Road - Indian Bend to McCormick Parkway; Miller Road - McDowell Road to Thomas Road; Hayden Road - McDowell Road to Oak Street; and McKellips Road - Miller Road to Hayden Road.

**Project Type:** Construction Related

**Description:** Design and repaving of approximately three miles of roadway. The project includes milling existing asphalt, resetting manholes and water valves, installing of new traffic loop detectors, applying new pavement markings, vertical realignment of existing utility structures as required and repaving of roadways with rubberized asphalt.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	831.9	-	-	-	-	831.9
<b>Total:</b>	<b>831.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>831.9</b>

### \* Y1229 - Pavement Overlay Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** On-going project for street pavement overlays.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,500.0	2,500.0	2,500.0	2,500.0	2,500.0	11,500.0
<b>Total:</b>	<b>1,500.0</b>	<b>2,500.0</b>	<b>2,500.0</b>	<b>2,500.0</b>	<b>2,500.0</b>	<b>11,500.0</b>

### S1101 - Pima Road - McDowell to 90th Street

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$2.9      **Operating Impact:** \$0.0

**Location:** Pima Road from McDowell Road to just north of the Loop 101 Interchange

**Project Type:** Construction Related

**Description:** Design and construct a four-lane minor arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage, and intelligent transportation system facilities. Modifications to the existing buffering wall will be made at several locations to allow additional turn lanes. Portions of the project have been constructed by developers on the Salt River Pima-Maricopa Indian Community. Project will be constructed in conjunction with the Granite Reef Watershed Improvements south of Chaparral Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Contributions	10,972.2	-	-	-	-	10,972.2
Halfcent Tax	11,982.3	11,337.2	7,204.4	-	-	30,523.9
Transportation 0.2% Sales Tax	-	7,314.9	-	-	-	7,314.9
<b>Total:</b>	<b>22,954.5</b>	<b>18,652.1</b>	<b>7,204.4</b>	<b>-</b>	<b>-</b>	<b>48,811.0</b>

\*Recurring Capital Maintenance Projects.

## Streets/Street Improvements

### S0901 - Pima Road – Thompson Peak to Pinnacle Peak Rd.

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$21,840.3      **Operating Impact: (12/13):** \$39.0

**Location:** Pima Road from Deer Valley Road to Pinnacle Peak Road

**Project Type:** Construction Related

**Description:** Design and construct a six-lane parkway cross-section beginning approximately 1400 feet north of Thompson Peak Parkway, with landscaped median, turn lanes, grade-separated path crossing, bike lanes, sidewalks, curb and gutter, roadway drainage, Intelligent Transportation System facilities and noise mitigation.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	4,862.3	-	-	-	-	4,862.3
Halfcent Tax	20,577.0	-	-	-	-	20,577.0
Transportation 0.2% Sales Tax	1,068.0	-	-	-	-	1,068.0
<b>Total:</b>	<b>26,507.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,507.3</b>

### S7005 - Scottsdale Road – Frank Lloyd Wright to Thompson Peak Parkway

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$31,084.2      **Operating Impact:** \$0.0

**Location:** Scottsdale Road from Frank Lloyd Wright Boulevard to Thompson Peak Parkway

**Project Type:** Construction Related

**Description:** Design and construct a six-lane major arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage, and intelligent transportation system facilities. Additional turn lanes at Frank Lloyd Wright Boulevard and a new pedestrian crossing of the Central Arizona Project Canal will also be included.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	10,774.5	-	-	-	-	10,774.5
Contributions	36,300.0	-	-	-	-	36,300.0
Transportation 0.2% Sales Tax	2,000.0	-	-	-	-	2,000.0
<b>Total:</b>	<b>49,074.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>49,074.5</b>

\*Recurring Capital Maintenance Projects.

## Streets/Street Improvements

### S0311 - Scottsdale Road – Thompson Peak Parkway to Pinnacle Peak

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$1,255.3    **Operating Impact: (12/13):** \$10.0

**Location:** Scottsdale Road from Thompson Peak Parkway to Pinnacle Peak Road

**Project Type:** Construction Related

**Description:** Design and construct a six-lane major arterial cross-section with landscaped median, turn lanes, bike lanes, sidewalks, curb and gutter, roadway drainage, intelligent transportation system facilities and a new all-weather crossing of Rawhide Wash.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	2,496.0	-	-	-	-	2,496.0
Contributions	3,000.0	-	-	-	-	3,000.0
Halfcent Tax	7,735.9	3,791.8	-	-	-	11,527.7
Transportation 0.2% Sales Tax	506.4	-	-	-	-	506.4
<b>Total:</b>	<b>13,738.3</b>	<b>3,791.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,530.1</b>

\*Recurring Capital Maintenance Projects.

## Traffic/Traffic Reduction

### TEMP872 - Hayden Road / Camelback Intersection Improvements

**Est. Completion:** 06/15    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Intersection of Hayden and Camelback

**Project Type:** Construction Related

**Description:** Widen the bridge on Camelback to add an additional left turn lane.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	-	-	-	-	2,760.0	2,760.0
<b>Total:</b>	-	-	-	-	<b>2,760.0</b>	<b>2,760.0</b>

### TEMP871 - Hayden Road / Chaparral Intersection Improvements

**Est. Completion:** 06/15    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Intersection of Hayden and Chaparral

**Project Type:** Construction Related

**Description:** Add free right turn lane from north bound Hayden on to east bound Chaparral. Include a separate underpass beneath Chaparral east of Hayden for a multi-use path.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	-	-	1,760.0	-	-	1,760.0
<b>Total:</b>	-	-	<b>1,760.0</b>	-	-	<b>1,760.0</b>

### TEMP976 - Hayden/Thomas Safety Improvements

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Reconstructing the intersection to improve safety and operations. The intersection has experienced the highest number of collisions of any intersection for several years in the City of Scottsdale. This project will include dual left turn lanes in all directions, an eastbound right turn lane and raised median on all approaches. Sidewalk and other pedestrian improvements will also be constructed.

**Project Type:** Construction Related

**Description:**

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	103.7	1,037.3	-	-	-	1,141.0
Transportation 0.2% Sales Tax	6.3	62.7	-	-	-	69.0
<b>Total:</b>	<b>110.0</b>	<b>1,100.0</b>	-	-	-	<b>1,210.0</b>

\*Recurring Capital Maintenance Projects.

## Traffic/Traffic Reduction

### \* Y1219 - Intersection Mobility Enhancements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide roadway and sidewalk improvements at various locations with the city that range from adding an exclusive right-turn lane or a pedestrian refuge island to providing a continuous left-turn lane or constructing missing sidewalk segments and ramps. This is a continuing program that typically improves 15 -20 intersections per year. Also, design plans, acquire materials, and install equipment for new and modified traffic signals.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	6,000.0
<b>Total:</b>	<b>1,200.0</b>	<b>1,200.0</b>	<b>1,200.0</b>	<b>1,200.0</b>	<b>1,200.0</b>	<b>6,000.0</b>

### \* Y1119 - Intersection Mobility Enhancements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$671.1      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provide roadway and sidewalk improvements at various locations with the city that range from adding an exclusive right-turn lane or a pedestrian refuge island to providing a continuous left-turn lane or constructing missing sidewalk segments and ramps. This is a continuing program that typically improves 15 -20 intersections per year. Also, design plans, acquire materials, and install equipment for new and modified traffic signals.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,700.0	-	-	-	-	1,700.0
<b>Total:</b>	<b>1,700.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,700.0</b>

### T0902 - ITS/Signal System Upgrades

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$0.1      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Replace old traffic signal controllers and cabinets (replaced units are 25 years old).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	249.1	1,000.0	700.0	700.0	-	2,649.1
<b>Total:</b>	<b>249.1</b>	<b>1,000.0</b>	<b>700.0</b>	<b>700.0</b>	<b>-</b>	<b>2,649.1</b>

\*Recurring Capital Maintenance Projects.

# Traffic/Traffic Reduction

## G1202 - ITS/Signal System Upgrades - Grant

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Replace old traffic signal controllers and cabinets (replaced units are 25 years old).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	249.1	-	300.0	300.0	500.0	1,349.1
<b>Total:</b>	<b>249.1</b>	<b>-</b>	<b>300.0</b>	<b>300.0</b>	<b>500.0</b>	<b>1,349.1</b>

## T1001 - McDowell Road ITS Corridor

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.2    **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Purchase and install hardware, software and sytem integration to automate traffic counting and video observation of traffic movement. This will reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	350.0	-	-	-	-	350.0
<b>Total:</b>	<b>350.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350.0</b>

## \* Y0821 - Neighborhood Traffic Management Program

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$346.4    **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,000.0	-	-	-	-	1,000.0
<b>Total:</b>	<b>1,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000.0</b>

## \* Y0721 - Neighborhood Traffic Management Program

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$1,206.0    **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,394.0	-	-	-	-	1,394.0
<b>Total:</b>	<b>1,394.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,394.0</b>

\*Recurring Capital Maintenance Projects.

## Traffic/Traffic Reduction

### \* Y1121 - Neighborhood Traffic Management Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$87.4      **Operating Impact:** \$0.0

**Location:** Multiple Locations

**Project Type:** Construction Related

**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

### \* Y1221 - Neighborhood Traffic Management Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Multiple Locations

**Project Type:** Construction Related

**Description:** Street improvements for traffic calming that are developed through an active citizen involvement process.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	250.0	250.0	250.0	250.0	250.0	1,250.0
<b>Total:</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	<b>1,250.0</b>

### G1104 - Scottsdale Road ITS - Grant

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$472.5      **Operating Impact:** \$0.0

**Location:** Scottsdale Road - Indian School to Frank Lloyd Wright

**Project Type:** Technology Related

**Description:** Construction of Scottsdale Road ITS from Indian School Road to Frank Lloyd Wright Boulevard.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	522.7	-	-	-	-	522.7
<b>Total:</b>	<b>522.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>522.7</b>

### \* Y0722 - Traffic Management Program - ITS

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$7,065.6      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	6,277.5	-	-	-	-	6,277.5
Transportation 0.2% Sales Tax	2,110.6	-	-	-	-	2,110.6
<b>Total:</b>	<b>8,388.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,388.1</b>

\*Recurring Capital Maintenance Projects.



# Traffic/Traffic Reduction

**\* Y1122 - Traffic Management Program - ITS**  
**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$269.8      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

**\* Y1222 - Traffic Management Program - ITS**  
**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Purchase and install hardware, software, and system integration to automate traffic counting and video observation of traffic movement to reduce traffic congestion and delays through enhanced signal timing and public notification.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	500.0	500.0	500.0	500.0	500.0	2,500.0
<b>Total:</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>2,500.0</b>

**\* Y1023 - Traffic Signal Program**  
**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$343.6      **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Design plans, acquire materials, and install equipment for new and modified traffic signals.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	390.0	-	-	-	-	390.0
<b>Total:</b>	<b>390.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>390.0</b>

**TEMP868 - Trail Improvement Program**  
**Est. Completion:** N/A      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** An on-going program to complete and enhance unpaved trails Citywide.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	-	-	650.0	650.0	500.0	1,800.0
<b>Total:</b>	<b>-</b>	<b>-</b>	<b>650.0</b>	<b>650.0</b>	<b>500.0</b>	<b>1,800.0</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### TEMP738 - Arizona Canal Path: McDonald to Indian Bend Wash

**Est. Completion:** 06/14      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Along the southeast bank of the Arizona Canal, from McDonald Drive to the Indian Bend Wash Path near Indian Bend Road

**Project Type:** Construction Related

**Description:** This project is the final segment to connect the Indian Bend Wash Path with Downtown Scottsdale. It consists of a 10 to 12 foot wide concrete path, a bridge on the Lincoln Drive alignment, two connections to the Indian Bend Wash Path, a connection to a new path going north, and connections to the existing path on the north bank of the Arizona Canal. It will include site furnishings, artistic elements and connections to adjacent neighborhoods.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	-	-	1,100.0	-	-	1,100.0
Transportation 0.2% Sales Tax	-	-	1,561.7	-	-	1,561.7
<b>Total:</b>	-	-	<b>2,661.7</b>	-	-	<b>2,661.7</b>

### TEMP692 - Arizona Canal Path-Chaparral to McDonald

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Arizona Canal, from Chaparral Rd to McDonald

**Project Type:** Construction Related

**Description:** A 10-12 foot multiuse path extending along the south bank of the Arizona Canal, from Chaparral Rd. to McDonald Drive.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	-	1,100.0	-	-	-	1,100.0
Transportation 0.2% Sales Tax	-	1,000.0	-	-	-	1,000.0
<b>Total:</b>	-	<b>2,100.0</b>	-	-	-	<b>2,100.0</b>

### \* Y1028 - Bikeways Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$792.2      **Operating Impact:** \$0.0

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Improve multi use paths and on street bicycle facilities to include: path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q1 - Parks	951.2	-	-	-	-	951.2
Transportation 0.2% Sales Tax	1,000.0	-	-	-	-	1,000.0
<b>Total:</b>	<b>1,951.2</b>	-	-	-	-	<b>1,951.2</b>

\*Recurring Capital Maintenance Projects.

# Transit/Transit Improvements

## \* Y1128 - Bikeways Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$16.2      **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Improve multi use paths and on street bicycle facilities to include: path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	750.0	-	-	-	-	750.0
<b>Total:</b>	<b>750.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>750.0</b>

## \* Y1228 - Bikeways Program

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Improve multi use paths and on street bicycle facilities to include: path connections, grade separated crossings and upgrades to existing path segments.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	500.0	500.0	750.0	750.0	750.0	3,250.0
<b>Total:</b>	<b>500.0</b>	<b>500.0</b>	<b>750.0</b>	<b>750.0</b>	<b>750.0</b>	<b>3,250.0</b>

## \* Y1017 - Bus Stop Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$276.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	576.0	-	-	-	-	576.0
<b>Total:</b>	<b>576.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>576.0</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### \* Y1117 - Bus Stop Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	200.0	-	-	-	-	200.0
<b>Total:</b>	<b>200.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200.0</b>

### \* Y0817 - Bus Stop Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$85.2      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	200.0	-	-	-	-	200.0
Transportation 0.2% Sales Tax	200.0	-	-	-	-	200.0
<b>Total:</b>	<b>400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400.0</b>

### \* Y1217 - Bus Stop Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct shelters to provide weather protection, seating, bike racks and other amenities at bus stops located through the community. Further, install bus pullouts on the far side of signalized intersections to allow buses to pick up and discharge passengers outside of the flow of traffic.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	150.0	150.0	150.0	150.0	150.0	750.0
<b>Total:</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>150.0</b>	<b>750.0</b>

\*Recurring Capital Maintenance Projects.

# Transit/Transit Improvements

## T1101 - Bus/Trolley Acquisition

**Est. Completion:**                      **Est. ITD Expenditures (Thru 06/11):**      \$0.0                                      **Operating Impact:**      \$0.0  
**Location:**                      City of Scottsdale  
**Project Type:**                      Construction Related  
**Description:**                      This project will provide funding to begin the process of replacing older trolley vehicles with more fuel efficient and ADA-compliant transit vehicles.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	442.4	-	-	-	-	442.4
<b>Total:</b>	<b>442.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>442.4</b>

## T0703 - Cross Cut Canal Multiuse Path Phase II

**Est. Completion:**      12/11                      **Est. ITD Expenditures (Thru 06/11):**      \$436.5                                      **Operating Impact: (12/13):**      \$4.0  
**Location:**                      Cross Cut Canal Multiuse Path - Phase II  
**Project Type:**                      Construction Related  
**Description:**                      This project will design and construct a 10-12 foot multi-use path along the canal bank of the Crosscut Canal (approximately along 64th Street) from Thomas Road to Indian School Road. The project will replace a deteriorating concrete path south of Osborn Road and create a new paved path north of Osborn and will complete the City's portion of the Papago Salado loop trail system.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q1 - Parks	481.0	-	-	-	-	481.0
<b>Total:</b>	<b>481.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>481.0</b>

## G1003 - Cross Cut Canal Multiuse Path Phase II - Grant MAG

**Est. Completion:**      12/11                      **Est. ITD Expenditures (Thru 06/11):**      \$0.0                                      **Operating Impact:**      \$0.0  
**Location:**                      Thomas Road to Indian School Road  
**Project Type:**                      Construction Related  
**Description:**                      Multi-use path and pedestrian bridge along the Arizona Crosscut Canal from Thomas Road to Indian School Road

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	882.3	-	-	-	-	882.3
<b>Total:</b>	<b>882.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>882.3</b>

## T0801 - Downtown Pedestrian Improvements

**Est. Completion:**      12/11                      **Est. ITD Expenditures (Thru 06/11):**      \$249.9                                      **Operating Impact:**      \$0.0  
**Location:**                      Downtown Scottsdale  
**Project Type:**                      Construction Related  
**Description:**                      This project implements the recommendations of the Downtown Scottsdale Pedestrian Mobility study to improve pedestrian access throughout the Downtown area.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	600.0	-	-	-	-	600.0
<b>Total:</b>	<b>600.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>600.0</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### T0604 - Indian Bend Wash Path Connection

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$434.5      **Operating Impact: (12/13):** \$0.6

**Location:** Indian Bend Wash, Chaparral Rd. to Jackrabbit Rd.

**Project Type:** Construction Related

**Description:** This project will improve a 0.5 mile section of the Indian Bend Wash path system by connecting a discontinuous section of path on the west side of Hayden between Jackrabbit and Chaparral Roads, including the addition of a grade-separated crossing.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	598.3	-	-	-	-	598.3
<b>Total:</b>	<b>598.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>598.3</b>

### G1013 - Indian Bend Wash Path Connection - Grant

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$894.6      **Operating Impact:** \$0.0

**Location:** Indian Bend Wash Multi-Use Path Connection between Chaparral Road and Jackrabbit Road.

**Project Type:** Construction Related

**Description:** Create a new path connection on the west Side of Hayden Road that will be approximately 0.6 miles and will include an underpass at Chaparral Road.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	907.5	-	-	-	-	907.5
<b>Total:</b>	<b>907.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>907.5</b>

### T0605 - McDowell Road Bicycle and Pedestrian Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,466.1      **Operating Impact:** \$0.0

**Location:** McDowell Road, Scottsdale Road to Granite Reef Road

**Project Type:** Construction Related

**Description:** Add bicycle lanes and enhance sidewalks along McDowell Road from Scottsdale Road to Granite Reef Road. Landscaping, site furnishings and pedestrian lighting will be included. The project design will consider access to transit and nearby shared-use paths and bicycle lanes (Miller Road and Granite Reef Road, and along McDowell east of Granite Reef).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	3,004.4	-	-	-	-	3,004.4
<b>Total:</b>	<b>3,004.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,004.4</b>

\*Recurring Capital Maintenance Projects.

# Transit/Transit Improvements

## G1101 - McDowell Road Bicycle and Pedestrian Improvements - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** McDowell Road, Scottsdale Road to Granite Reef Road

**Project Type:** Construction Related

**Description:** Add bicycle lanes and enhance sidewalks along McDowell Road from Scottsdale Road to Granite Reef Road. Landscaping, site furnishings and pedestrian lighting will be included. The project design will consider access to transit and nearby shared-use paths and bicycle lanes (Miller Road and Granite Reef Road, and along McDowell east of Granite Reef).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	600.0	-	-	-	-	600.0
<b>Total:</b>	<b>600.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>600.0</b>

## G1010 - Mustang Park & Ride - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** 101 Freeway and Scottsdale and Pima Roads

**Project Type:** Construction Related

**Description:** Complete site selection and environmental clearance process to meet federal grant requirements. Once a location is identified, this project will purchase, design and construct the park and ride lot.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	4,475.8	-	-	-	-	4,475.8
<b>Total:</b>	<b>4,475.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,475.8</b>

## T9902 - Mustang Park and Ride

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$9.6    **Operating Impact: (12/13):** \$4.0

**Location:** 101 Freeway and Scottsdale and Pima Roads

**Project Type:** Construction Related

**Description:** Complete site selection and environmental clearance process to meet federal grant requirements. Once a location is identified, this project will purchase, design and construct the park and ride lot.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	1,151.8	-	-	-	-	1,151.8
Transportation 0.2% Sales Tax	1,086.0	-	-	-	-	1,086.0
<b>Total:</b>	<b>2,237.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,237.8</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### T0502 - Mustang Transit Passenger Facility

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$55.6    **Operating Impact: (12/13):** \$4.0  
**Location:** Mustang Library at 90th and Shea  
**Project Type:** Construction Related  
**Description:** Design and construct a bus parking and passenger transfer facility near the Mustang Library and Scottsdale Healthcare Shea Hospital.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	1,502.8	-	-	-	-	1,502.8
<b>Total:</b>	<b>1,502.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,502.8</b>

### G1008 - Mustang Transit Passenger Facility - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0  
**Location:** Mustang Library at 90th and Shea  
**Project Type:** Construction Related  
**Description:** Design and construct a bus parking and passenger transfer facility near the Mustang Library and Scottsdale Healthcare Shea Hospital.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	747.2	-	-	-	-	747.2
<b>Total:</b>	<b>747.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>747.2</b>

### G1005 - North Bank & Goldwater Underpass - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$352.8    **Operating Impact:** \$0.0  
**Location:** Goldwater Underpass  
**Project Type:** Construction Related  
**Description:** Goldwater Underpass Improvements

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	337.6	-	-	-	-	337.6
<b>Total:</b>	<b>337.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>337.6</b>

### T0704 - Scottsdale Road Pedestrian & Bicycle Improvements, Phase I

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.5    **Operating Impact: (12/13):** \$14.3  
**Location:** Scottsdale Road from McKellips Rd. to Osborn Rd.  
**Project Type:** Construction Related  
**Description:** Improve the pedestrian environment, add bicycle lanes and improve transit connections and amenities along Scottsdale Road between McKellips Road and Osborn Road. The improvements are planned to include landscaping and shade, site furnishings, pedestrian lighting and crosswalk treatments.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	203.8	-	-	-	-	203.8
<b>Total:</b>	<b>203.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>203.8</b>

\*Recurring Capital Maintenance Projects.



# Transit/Transit Improvements

## G1103 - Scottsdale Road Pedestrian & Bicycle Improvements, Phase I - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$5,865.1    **Operating Impact:** \$0.0

**Location:** Scottsdale Road from McKellips Rd. to Osborn Rd.

**Project Type:** Construction Related

**Description:** Improve the pedestrian environment, add bicycle lanes and improve transit connections and amenities along Scottsdale Road between McKellips Road and Osborn Road. The improvements are planned to include landscaping and shade, site furnishings, pedestrian lighting and crosswalk treatments.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	7,258.4	-	-	-	-	7,258.4
<b>Total:</b>	<b>7,258.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,258.4</b>

## T0705 - Scottsdale Road Pedestrian & Bicycle Improvements, Phase II

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$1.1    **Operating Impact: (12/13):** \$6.0

**Location:** Scottsdale Road from Osborn Rd. to Chaparral Rd.

**Project Type:** Construction Related

**Description:** Improve the pedestrian environment, add bicycle lanes and improve transit connections and amenities along Scottsdale Road between Osborn Road and Chaparral Road. The improvements are planned to include landscaping, shade, site furnishings, pedestrian lighting and crosswalk treatments.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	814.0	-	-	-	-	814.0
<b>Total:</b>	<b>814.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>814.0</b>

## G1012 - Scottsdale Road Pedestrian and Bicycle Improvements Phase II - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Scottsdale Road from Osborn Rd. to Chaparral Rd.

**Project Type:** Construction Related

**Description:** Improve the pedestrian environment, add bicycle lanes and improve transit connections and amenities along Scottsdale Road between Osborn Road and Chaparral Road. The improvements are planned to include landscaping, shade, site furnishings, pedestrian lighting and crosswalk treatments.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	658.0	-	-	-	-	658.0
<b>Total:</b>	<b>658.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>658.0</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### T0901 - Scottsdale/Thunderbird Park and Ride

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$81.0    **Operating Impact: (12/13):** \$4.0

**Location:** In the vicinity of Scottsdale Rd. and Thunderbird

**Project Type:** Construction Related

**Description:** This project will provide parking (covered and uncovered), limited passenger amenities, and pick up/drop off for approximately 250 vehicles at a location serving both express and fixed route transit service.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	-	-	-	-	-	-
Halfcent Tax	853.8	-	-	-	-	853.8
Transportation 0.2% Sales Tax	2,000.0	-	-	-	-	2,000.0
<b>Total:</b>	<b>2,853.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,853.8</b>

### G1014 - Scottsdale/Thunderbird Park and Ride Facility - Grant

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$469.9    **Operating Impact:** \$0.0

**Location:** Southeast corner of Scottsdale Road and Thunderbird Road

**Project Type:** Construction Related

**Description:** This project will provide parking (covered and uncovered), limited passenger amenities, and pick up/drop off for approximately 250 vehicles at a location serving both express and fixed route transit service.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	7,704.2	-	-	-	-	7,704.2
<b>Total:</b>	<b>7,704.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,704.2</b>

### \* Y1020 - Sidewalk Improvements

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$296.0    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Install sidewalks and sidewalk ramps to enhance the City's pedestrian network.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	809.0	-	-	-	-	809.0
<b>Total:</b>	<b>809.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>809.0</b>

### \* Y1120 - Sidewalk Improvements

**Est. Completion:** NA    **Est. ITD Expenditures (Thru 06/11):** \$9.8    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Install sidewalks and sidewalk ramps to enhance the City's pedestrian network.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

\*Recurring Capital Maintenance Projects.

# Transit/Transit Improvements

## \* Y1220 - Sidewalk Improvements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Install sidewalks and sidewalk ramps to enhance the City's pedestrian network.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	350.0	350.0	350.0	350.0	350.0	1,750.0
<b>Total:</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>1,750.0</b>

## T0601 - Skysong Center Transit Passenger Facility

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$485.5      **Operating Impact: (12/13):** \$44.3  
**Location:** McDowell and Scottsdale Roads  
**Project Type:** Construction Related  
**Description:** Design and construct a transit passenger facilities at the Skysong Center, with shaded areas, drinking fountains, information kiosks, other passenger amenities and City services.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	1,034.3	-	-	-	-	1,034.3
<b>Total:</b>	<b>1,034.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,034.3</b>

## G1009 - Skysong Center Transit Passenger Facility - Grant

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** McDowell and Scottsdale Roads  
**Project Type:** Construction Related  
**Description:** Design and construct a transit passenger facilities at the ASU Foundation Scottsdale Center, with shaded areas, drinking fountains, information kiosks, other passenger amenities and City services.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	3,583.1	-	-	-	-	3,583.1
<b>Total:</b>	<b>3,583.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,583.1</b>

## T0606 - Thomas Road Bicycle Lanes and Enhanced Sidewalks

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,295.3      **Operating Impact:** \$0.0  
**Location:** Thomas Road, 64th Street to Pima Road  
**Project Type:** Construction Related  
**Description:** This project will add bicycle lanes, shade, landscaping and site furnishings, and widen the sidewalks.

Funding Souces (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Bond 2000 - Q7 - Transportation	4,613.9	-	-	-	-	4,613.9
<b>Total:</b>	<b>4,613.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,613.9</b>

\*Recurring Capital Maintenance Projects.

## Transit/Transit Improvements

### T0607 - Transit Vehicle Refurbishment

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Engine replacements and vehicle refurbishment including head signs, seating, re-painting and other mechanical and aesthetic treatment to transit vehicles.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Transportation 0.2% Sales Tax	400.0	-	-	-	-	400.0
<b>Total:</b>	<b>400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>400.0</b>

\*Recurring Capital Maintenance Projects.



---

FY 2011/12 Adopted Budget

---

# Project Descriptions

## Water Management

(In thousands of dollars)

Water Management focuses on coordinating land use and infrastructure planning within the context of financial demands and available resources. This program achieves this goal by delivering safer, reliable water and providing water reclamation services. This program also reflects the City's commitment to federal and state regulations. Approximately 26.6% (\$152.5 million) of the CIP has been identified to address the water and water reclamation needs of the City.

Project #	Project Name	Estimated Expenditures					Total	Page #	
		Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast			FY2015/16 Forecast
<b>Water Management</b>									
<b>Wastewater Improvements</b>									
V0901	Advanced Water Treatment Plant - Phase 4	(38,589.4)	59,300.0	-	-	-	-	59,300.0	123
V0501	Core North/South Wastewater	(282.9)	2,598.0	-	-	-	-	2,598.0	123
V0902	Downtown Wastewater Trunk Lines	(1,798.4)	5,700.0	-	-	-	-	5,700.0	123
V1201	Hydrogen Sulfide Mitigation	-	800.0	4,000.0	-	-	-	4,800.0	124
V8620	Master Plan – Water Reclamation	(1,869.7)	3,533.4	-	250.0	-	-	3,783.4	124
V4001	Radio Telemetry Monitoring Automation Citywide - Wastewater	(648.1)	1,055.5	100.0	100.0	100.0	50.0	1,405.5	124
G1001	Reclamation Facilities Blower Replacements	(1,047.4)	1,095.0	-	-	-	-	1,095.0	125
V0502	RWDS Improvements	(457.0)	3,075.0	-	-	-	-	3,075.0	125
V0402	SROG Sewage Transmission Line	(9,379.0)	14,267.0	-	3,000.0	13,000.0	-	30,267.0	125
V1102	SROG Wastewater Plant Expans. UP10	-	1,000.0	-	-	21,500.0	-	22,500.0	126
* Y1124	SROG Wastewater Treatment Plant	(44.9)	564.0	-	-	-	-	564.0	126
* Y1224	SROG Wastewater Treatment Plant	-	1,960.0	1,225.0	500.0	500.0	1,025.0	5,210.0	126
V0706	SROG Water Reclamation Capacity Management	(568.3)	1,016.3	-	-	-	-	1,016.3	127
V0802	SROG Water Reclamation Plant Expansion UP05	(7,785.1)	11,800.0	-	-	-	-	11,800.0	127
V3704	Wastewater Collection System Improvements	(24,871.6)	47,689.0	6,000.0	8,000.0	5,000.0	5,000.0	71,689.0	128
V0703	Wastewater Oversizing	(1,748.8)	1,985.7	-	-	-	-	1,985.7	128
V1101	Water Campus Chlorine Generation	-	10,000.0	-	-	-	-	10,000.0	129
V0801	Water Reclamation Participation Program	(1,043.2)	4,000.0	500.0	750.0	750.0	750.0	6,750.0	129
V0704	Water Reclamation Security Enhancements	(631.1)	1,976.0	550.0	-	-	100.0	2,626.0	129
<b>Water Improvements</b>									
Z0901	Acquisition of Service Area from AZ American Water Company	-	10,000.0	-	-	-	-	10,000.0	130
W9903	Booster Station Upgrades	(1,551.9)	6,825.0	4,000.0	250.0	250.0	300.0	11,625.0	130
W1102	Chaparral WTP Pretreatment	(1,654.7)	10,000.0	-	22,000.0	-	-	32,000.0	130
W0501	Core North/South Water	(2,430.4)	3,498.0	-	-	-	-	3,498.0	131
W8515	Deep Well Recharge/Recovery Facilities	(881.4)	5,100.0	-	-	-	-	5,100.0	131
W0901	Downtown Water Transmission Lines	(1,049.9)	6,400.0	-	-	-	-	6,400.0	131
TEMP977	Gravity Thickener	-	-	3,500.0	-	-	-	3,500.0	132
W1103	IWDS Improvements	-	500.0	-	-	-	-	500.0	132
W8525	Master Plan – Water	(2,066.4)	3,316.8	-	500.0	-	-	3,816.8	132
W4001	Radio Telemetry Monitoring Automation Citywide (Water)	(1,598.8)	2,114.4	100.0	100.0	100.0	125.0	2,539.4	133
W0503	Regional GAC Regeneration Facility	(201.1)	500.0	-	-	-	-	500.0	133
W1101	Water and Sewer System Optimization	(384.4)	1,500.0	-	-	-	-	1,500.0	133

\*Recurring Capital Maintenance Projects.

# Project Descriptions

## Water Management

(In thousands of dollars)

Project #	Project Name	Estimated						Total	Page #
		Expenditures Thru 06/30/11	FY2011/12 Adopted	FY2012/13 Forecast	FY2013/14 Forecast	FY2014/15 Forecast	FY2015/16 Forecast		
<b>Water Management</b>									
<b>Water Improvements</b>									
W9912	Water Distribution System Improvements	(34,961.8)	57,360.0	2,500.0	7,000.0	5,000.0	4,000.0	75,860.0	134
W0710	Water Oversizing	(7,598.3)	8,204.5	-	-	-	-	8,204.5	134
W0801	Water Participation Program	(208.9)	1,750.0	250.0	500.0	500.0	500.0	3,500.0	134
W0205	Water Quality Improvements – Southern Neighborhoods	(10,347.3)	17,500.0	-	-	-	-	17,500.0	135
W0709	Water Quality Regulatory Compliance Programs	(732.6)	2,100.0	-	-	-	-	2,100.0	135
* Y1127	Water System Architect/Engineer Services	(20.1)	100.0	-	-	-	-	100.0	135
* Y1227	Water System Architect/Engineer Services	-	100.0	100.0	100.0	100.0	100.0	500.0	136
* Y1226	Water System Security Enhancements	-	350.0	350.0	350.0	100.0	100.0	1,250.0	137
* Y1126	Water System Security Enhancements	(222.3)	350.0	-	-	-	-	350.0	136
* Y1026	Water System Security Enhancements	(464.8)	474.0	-	-	-	-	474.0	136
W4708	Well Sites	(21,610.3)	26,142.1	-	-	-	-	26,142.1	137
W0708	Well Sites Rehabilitation	(468.9)	3,500.0	500.0	-	-	-	4,000.0	137
W1104	WestWorld Improvements	-	500.0	-	-	-	-	500.0	137
W0603	Zone 14-16 Water Improvements	(5,592.8)	6,000.0	-	-	-	10,000.0	16,000.0	138

\*Recurring Capital Maintenance Projects.

## Wastewater Improvements

### V0901 - Advanced Water Treatment Plant - Phase 4

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$38,589.4      **Operating Impact:** \$0.0

**Location:** 8787 E. Hualapai

**Project Type:** Construction Related

**Description:** This project expands the advanced water treatment plant consistent with the capacity of the water reclamation plant as incorporated in the updated Water and Wastewater Master Plans. This expansion will help the City comply with sewer capacity regulatory requirements (CMOM) and minimize or eliminate the need for additional capacity in the SROG regional sewage transmission facilities. This expansion will also provide capacity for RWDS water quality improvements. Additionally, the expanded plant will allow for further purification of reclaimed water for recharge to help ensure the long-term sustainability of groundwater supplies.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	39,729.9	-	-	-	-	39,729.9
RWDS Contributions	13,000.0	-	-	-	-	13,000.0
Sewer Rates	6,570.1	-	-	-	-	6,570.1
<b>Total:</b>	<b>59,300.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,300.0</b>

### V0501 - Core North/South Wastewater

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$282.9      **Operating Impact:** \$0.0

**Location:** 74th Street to Hayden Road, North of the 101 loop.

**Project Type:** Construction Related

**Description:** Construct sewer lines within the area consistent with the development agreement. Advanced construction of streets within the Core North/Core South area by the City will require concurrent installation of sewer lines to provide service for future adjacent development.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Development Fees	2,598.0	-	-	-	-	2,598.0
<b>Total:</b>	<b>2,598.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,598.0</b>

### V0902 - Downtown Wastewater Trunk Lines

**Est. Completion:** 09/15      **Est. ITD Expenditures (Thru 06/11):** \$1,798.4      **Operating Impact:** \$0.0

**Location:** Downtown Area

**Project Type:** Construction Related

**Description:** Revitalization in the downtown Scottsdale area has created a need for upgrades to the existing sewer collection system. To address the rapid growth in the downtown area, the City completed its Integrated Water and Wastewater Master Plans (IWWMP) that was approved by the Council in March 2008. This project will implement the critical improvements recommended in the IWWMP.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	73.7	-	-	-	-	73.7
Sewer Development Fees	740.3	-	-	-	-	740.3
Sewer Rates	4,886.0	-	-	-	-	4,886.0
<b>Total:</b>	<b>5,700.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,700.0</b>

\*Recurring Capital Maintenance Projects.



# Wastewater Improvements

## V1201 - Hydrogen Sulfide Mitigation

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct new odor control facilities at both the Sewer Pumpback System and Water Campus Headworks facility. The current odor control systems are approaching the end of their useful service life, thereby requiring extensive maintenance. New systems are required to mitigate any odor complaints that may arise.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	800.0	4,000.0	-	-	-	4,800.0
<b>Total:</b>	<b>800.0</b>	<b>4,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,800.0</b>

## V8620 - Master Plan – Water Reclamation

**Est. Completion:** 06/12    **Est. ITD Expenditures (Thru 06/11):** \$1,869.7    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for master plan updates for wastewater system management needs including Federal regulatory impacts and capital project needs.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Development Fees	2,133.4	-	250.0	-	-	2,383.4
Sewer Rates	1,400.0	-	-	-	-	1,400.0
<b>Total:</b>	<b>3,533.4</b>	<b>-</b>	<b>250.0</b>	<b>-</b>	<b>-</b>	<b>3,783.4</b>

## V4001 - Radio Telemetry Monitoring Automation Citywide - Wastewater

**Est. Completion:** 12/11    **Est. ITD Expenditures (Thru 06/11):** \$648.1    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Construct radio telemetry facilities at new and existing wastewater facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	1,055.5	100.0	100.0	100.0	50.0	1,405.5
<b>Total:</b>	<b>1,055.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>50.0</b>	<b>1,405.5</b>

\*Recurring Capital Maintenance Projects.

## Wastewater Improvements

### G1001 - Reclamation Facilities Blower Replacements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,047.4      **Operating Impact:** \$0.0

**Location:** 7813 East Mountain View Road

**Project Type:** Construction Related

**Description:** The purpose of this project is to replace existing blowers at the Water Campus Water Reclamation Facility and existing blowers at the Gainey Ranch Water Reclamation Facility with the more efficient blower technology.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Grants	1,095.0	-	-	-	-	1,095.0
<b>Total:</b>	<b>1,095.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,095.0</b>

### V0502 - RWDS Improvements

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$457.0      **Operating Impact:** \$0.0

**Location:** North of CAP Canal

**Project Type:** Construction Related

**Description:** Provides for improvements to Reclaimed Water Distribution System (RWDS) pipeline pump stations and reservoirs. This project will be fully funded by the golf courses receiving reclaimed effluent from the Water Campus through the RWDS.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
RWDS Fund	3,075.0	-	-	-	-	3,075.0
<b>Total:</b>	<b>3,075.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,075.0</b>

### V0402 - SROG Sewage Transmission Line

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$9,379.0      **Operating Impact:** \$0.0

**Location:** 91st Avenue in Phoenix

**Project Type:** Construction Related

**Description:** Provides for modifications and improvements to the Salt River Outfall (SRO) sewer line which transmits sewer flow approximately 26 miles from Scottsdale's city limits to the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	3,000.0	-	-	-	-	3,000.0
Sewer Rates	11,267.0	-	3,000.0	13,000.0	-	27,267.0
<b>Total:</b>	<b>14,267.0</b>	<b>-</b>	<b>3,000.0</b>	<b>13,000.0</b>	<b>-</b>	<b>30,267.0</b>

\*Recurring Capital Maintenance Projects.

# Wastewater Improvements

## V1102 - SROG Wastewater Plant Expans. UP10

**Est. Completion:** 06/15      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 91st Avenue in Phoenix  
**Project Type:** Construction Related  
**Description:** Provides for additional sewer flow and solids handling capacity through contribution to the capital improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. Capacity expansion is due to planned increased demand. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG). This expansion is for the Unified Plant 2010 (UP10).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Development Fees	1,000.0	-	-	21,500.0	-	22,500.0
<b>Total:</b>	<b>1,000.0</b>	<b>-</b>	<b>-</b>	<b>21,500.0</b>	<b>-</b>	<b>22,500.0</b>

## \* Y1224 - SROG Wastewater Treatment Plant

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** 91st Avenue in Phoenix  
**Project Type:** Construction Related  
**Description:** Provides for modifications and improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	1,960.0	1,225.0	500.0	500.0	1,025.0	5,210.0
<b>Total:</b>	<b>1,960.0</b>	<b>1,225.0</b>	<b>500.0</b>	<b>500.0</b>	<b>1,025.0</b>	<b>5,210.0</b>

## \* Y1124 - SROG Wastewater Treatment Plant

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$44.9      **Operating Impact:** \$0.0  
**Location:** 91st Avenue in Phoenix  
**Project Type:** Construction Related  
**Description:** Provides for modifications and improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	564.0	-	-	-	-	564.0
<b>Total:</b>	<b>564.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>564.0</b>

\*Recurring Capital Maintenance Projects.

## Wastewater Improvements

### V0706 - SROG Water Reclamation Capacity Management

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$568.3      **Operating Impact:** \$0.0

**Location:** 91st Avenue in Phoenix

**Project Type:** Construction Related

**Description:** Provide for capital expansion, modifications and improvements to the regional wastewater conveyance facilities according to existing intergovernmental agreements with the Sub-Regional Operating Group (SROG). The City of Scottsdale will continue to send a portion of its wastewater to the regional 91st Avenue Wastewater Treatment Plant located in the City of Phoenix. Although the City of Scottsdale Water Reclamation Plant at the Water Campus was recently expanded, the City will continue to send the majority of its wastewater generated south of Doubletree Ranch Road alignment to the regional 91st Avenue Wastewater Treatment Plant.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	1,016.3	-	-	-	-	1,016.3
<b>Total:</b>	<b>1,016.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,016.3</b>

### V0802 - SROG Water Reclamation Plant Expansion UP05

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$7,785.1      **Operating Impact:** \$0.0

**Location:** 91st Avenue in Phoenix

**Project Type:** Construction Related

This project was previously combined with project V9901-SROG WWTP-UP01/UP05 Expansion.

**Description:** Provides for additional sewer flow and solids handling capacity through contribution to the capital improvements at the Multi-City 91st Avenue Wastewater Treatment Plant located in Phoenix. Capacity expansion is due to planned increased demand. The City of Scottsdale's proportionate cost share is derived through existing intergovernmental agreements with the Multi-City Sub-Regional Operating Group (SROG). This expansion is for the Unified Plant 2005 (UP05).

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	3,000.0	-	-	-	-	3,000.0
Sewer Development Fees	8,800.0	-	-	-	-	8,800.0
<b>Total:</b>	<b>11,800.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,800.0</b>

\*Recurring Capital Maintenance Projects.

# Wastewater Improvements

## V3704 - Wastewater Collection System Improvements

**Est. Completion:** 06/14      **Est. ITD Expenditures (Thru 06/11):** \$24,871.6      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Design and construct sewer lines, treatment plant work and rehabilitate sewer manholes in the aging sewer system per the Asset management Program. Many of the sewer lines in the city have been in use for well over 30 years. The City is being proactive to avoid serious problems in the sewer system resulting from the aging infrastructure. In conjunction with the Asset Management Program, sewer lines will be video taped to find potential problems, and design will be initiated to correct any identified problems. Additionally, this project will replace undersized sewer lines and provide new infrastructure to support higher intensity development associated with Downtown revitalization. This project will also include minor design, maintenance and construction modifications to various wastewater treatment plant infrastructure and lift stations as driven by findings of the Department's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	10,000.0	-	-	-	-	10,000.0
Sewer Development Fees	7,172.2	1,800.0	3,000.0	-	1,500.0	13,472.2
Sewer Rates	30,516.8	4,200.0	5,000.0	5,000.0	3,500.0	48,216.8
<b>Total:</b>	<b>47,689.0</b>	<b>6,000.0</b>	<b>8,000.0</b>	<b>5,000.0</b>	<b>5,000.0</b>	<b>71,689.0</b>

## V0703 - Wastewater Oversizing

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,748.8      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides funds for the City to oversize lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident / developer is required to extend the sewer line (typically a 8" sewer line), and the city wishes to have a larger sewer line installed than the resident needs.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
GO Bonds	192.3	-	-	-	-	192.3
Sewer Development Fees	1,793.4	-	-	-	-	1,793.4
<b>Total:</b>	<b>1,985.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,985.7</b>

\*Recurring Capital Maintenance Projects.

## Wastewater Improvements

### V1101 - Water Campus Chlorine Generation

**Est. Completion:** 12/14    **Est. ITD Expenditures (Thru 06/11):** \$0.0    **Operating Impact:** \$0.0

**Location:** 8787 E. Hualapai

**Project Type:** Construction Related

**Description:** The City's Water Resources Department has been investigating the possibility of changing from delivery and storage of chlorine gas at the Water Campus to onsite generation of chlorine. The City's Water Resources Department reviewed safety issues at the Water Campus, and determined that the existing chlorine storage system needs to be modified. After studying the current system and investigating alternatives, it was determined that onsite chlorine generation is a much safer solution.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	5,000.0	-	-	-	-	5,000.0
Water Rates	5,000.0	-	-	-	-	5,000.0
<b>Total:</b>	<b>10,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000.0</b>

### V0801 - Water Reclamation Participation Program

**Est. Completion:** 12/21    **Est. ITD Expenditures (Thru 06/11):** \$1,043.2    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** City Council approved a funding mechanism to facilitate the extension of sewer lines as required by City Code. This program allows the City to administer pay-back agreements to assist single-family residences connecting to the City's sewer collection system. As these pay-backs are settled in the future, the funding outlays made through this program will be re-paid to the City with interest.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	4,000.0	500.0	750.0	750.0	750.0	6,750.0
<b>Total:</b>	<b>4,000.0</b>	<b>500.0</b>	<b>750.0</b>	<b>750.0</b>	<b>750.0</b>	<b>6,750.0</b>

### V0704 - Water Reclamation Security Enhancements

**Est. Completion:** 06/13    **Est. ITD Expenditures (Thru 06/11):** \$631.1    **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Enhance security at wastewater facilities throughout the City by upgrading existing prevention, detection and response systems. This project results from recommendations developed by a security survey of all wastewater facilities in the City. Enhancements to existing security measures were identified in the areas of access control, security personnel, surveillance, intrusion detection, site hardening and back-up power.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	1,976.0	550.0	-	-	100.0	2,626.0
<b>Total:</b>	<b>1,976.0</b>	<b>550.0</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>2,626.0</b>

\*Recurring Capital Maintenance Projects.

# Water Improvements

## Z0901 - Acquisition of Service Area from AZ American Water Company

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** City of Scottsdale

**Project Type:** Construction Related

**Description:** Contingency funding for possible acquisition of Arizona-American Water Company service area located within Scottsdale City limits, and construction of infrastructure necessary to integrate the acquired service area into the Scottsdale water system. Initial project funding would provide for an assessment study and other activities that may be necessary to investigate or initiate acquisition of the service area.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
To Be Determined	10,000.0	-	-	-	-	10,000.0
<b>Total:</b>	<b>10,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000.0</b>

## W9903 - Booster Station Upgrades

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$1,551.9      **Operating Impact:** \$0.0

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Upgrade components of the water production system as needed to meet system demands. Booster pump stations are reaching capacity and additional pumps are required to meet demands. At some of the booster pump stations, the equipment is dated, and parts are no longer available, so new equipment is required.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	6,825.0	4,000.0	250.0	250.0	300.0	11,625.0
<b>Total:</b>	<b>6,825.0</b>	<b>4,000.0</b>	<b>250.0</b>	<b>250.0</b>	<b>300.0</b>	<b>11,625.0</b>

## W1102 - Chaparral WTP Pretreatment

**Est. Completion:**      **Est. ITD Expenditures (Thru 06/11):** \$1,654.7      **Operating Impact:** \$0.0

**Location:** Road/McDonald Drive

**Project Type:** Construction Related

**Description:** Design and Construct Pretreatment infrastructure to meet more strict water quality regulations and improve operational performance given new challenges posed by deteriorating source water quality. In 2012, Disinfectant/Disinfection Byproducts (D/DBP) rules will become more strict requiring more aggressive pretreatment of precursors which lead to the undesirable formation of regulated TTHM's. Funds programmed in FY10/11 are primarily targeted at immediately addressing infrastructure and operational needs needed to achieve compliance with tightened D/DBP Rules. Funds programmed in FY13/14 are aimed at further addressing D/DBP rules in addition to optimizing plant performance in response to deteriorating source water quality. In particular, increased turbidity has introduced solids handling challenges. Enhanced pretreatment measures will more effectively treat deteriorating water quality, as well as assist in optimizing the effectiveness and longevity of the WTP.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	10,000.0	-	22,000.0	-	-	32,000.0
<b>Total:</b>	<b>10,000.0</b>	<b>-</b>	<b>22,000.0</b>	<b>-</b>	<b>-</b>	<b>32,000.0</b>

\*Recurring Capital Maintenance Projects.

## Water Improvements

### W0501 - Core North/South Water

**Est. Completion:** 12/12      **Est. ITD Expenditures (Thru 06/11):** \$2,430.4      **Operating Impact:** \$0.0

**Location:** 74th Street to Hayden Road, North of the 101 Loop.

**Project Type:** Construction Related

**Description:** Construct water lines within the area consistent with the development agreement. Advance construction of streets within the Core North and Core South area by the City will require concurrent installation of water lines to provide service for future adjacent development. These lines are normally installed by the development community.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	3,498.0	-	-	-	-	3,498.0
<b>Total:</b>	<b>3,498.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,498.0</b>

### W8515 - Deep Well Recharge/Recovery Facilities

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$881.4      **Operating Impact:** \$0.0

**Location:** Multiple locations

**Project Type:** Construction Related

**Description:** Design and construct deep well water recharge and recovery facilities to ensure the long-term sustainability of the City's northern well field. The city will continue to use wells in its system to supply water to the community. For the city's 100 year water supply, the city is required to recharge water into its aquifers. This program will determine the best areas for this to occur. Initial testing has been completed, but the city would like to explore options further north of the Water Campus for this procedure. An application for matching funds has been applied for with the Department of Water Resources to complete this study.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	3,386.8	-	-	-	-	3,386.8
Water Resource Development Fees	1,713.2	-	-	-	-	1,713.2
<b>Total:</b>	<b>5,100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,100.0</b>

### W0901 - Downtown Water Transmission Lines

**Est. Completion:** 09/15      **Est. ITD Expenditures (Thru 06/11):** \$1,049.9      **Operating Impact:** \$0.0

**Location:** Downtown Scottsdale

**Project Type:** Construction Related

**Description:** Revitalization in the downtown Scottsdale area has created a need for upgrades to the existing water distribution systems. To address the rapid growth in the downtown area, the City completed Integrated Water and Wastewater Master Plans that was approved by the Council in March 2008. This project will implement the critical improvements recommended in the IWWMP.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	1,400.0	-	-	-	-	1,400.0
Water Rates	5,000.0	-	-	-	-	5,000.0
<b>Total:</b>	<b>6,400.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,400.0</b>

\*Recurring Capital Maintenance Projects.



# Water Improvements

## TEMP977 - Gravity Thickener

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** CAP Plant

**Project Type:** Construction Related

**Description:** Finalize design and construct a 3rd gravity thickener at the CAP Plant. Piping needed to tie the thickener feed points exits as well as piping for the thickener decant and sludge removal. This piping was put in the ground during the expansion construction period. The third thickener will alleviate overloading on the existing thickeners and provide the needed capacity to process all of the side stream flows created by the various CAP treatment plant processes.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	-	3,500.0	-	-	-	3,500.0
<b>Total:</b>	<b>-</b>	<b>3,500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,500.0</b>

## W1103 - IWDS Improvements

**Est. Completion:**      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for improvements to Irrigation Water Distribution System (IWDS) pipeline, pump stations and reservoirs. This project will be fully funded by the golf courses receiving CAP water from the Water Campus through the IWDS.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Irrigation Wtr Dist	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

## W8525 - Master Plan – Water

**Est. Completion:** 06/12      **Est. ITD Expenditures (Thru 06/11):** \$2,066.4      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for master plan updates for water system management needs including Federal regulatory impacts and capital project needs. This program also includes the Asset Management Program, where the department will look at the entire water system for areas that need rehabilitation.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	1,705.8	-	200.0	-	-	1,905.8
Water Rates	1,400.0	-	250.0	-	-	1,650.0
Water Resource Development Fees	211.0	-	50.0	-	-	261.0
<b>Total:</b>	<b>3,316.8</b>	<b>-</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>3,816.8</b>

\*Recurring Capital Maintenance Projects.

## Water Improvements

### W4001 - Radio Telemetry Monitoring Automation Citywide (Water)

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$1,598.8      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Construct radio telemetry facilities at new and existing water facilities to continue to improve operational efficiency through automation.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	2,114.4	100.0	100.0	100.0	125.0	2,539.4
<b>Total:</b>	<b>2,114.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>125.0</b>	<b>2,539.4</b>

### W0503 - Regional GAC Regeneration Facility

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$201.1      **Operating Impact:** \$0.0  
**Location:** Outside of Scottsdale – exact location not yet determined  
**Project Type:** Construction Related  
**Description:** Provides for the City's share of costs for a regional Granular Activated Carbon (GAC) Regeneration Facility. Due to the unfunded Federal water quality disinfection by-product rule, the treatment technology utilizes granular activated carbon (GAC). In contrast to purchasing new raw material when needed, GAC can be regenerated off-site resulting in considerable operational cost savings. This regional facility is proposed to be jointly funded by the communities of Phoenix, Scottsdale, Mesa, Tempe, Glendale, Chandler and Peoria. The GAC will be utilized in the water treatment process at the CAP Water Treatment Plant and at the Chaparral Water Treatment Plant.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

### W1101 - Water and Sewer System Optimization

**Est. Completion:** 12/14      **Est. ITD Expenditures (Thru 06/11):** \$384.4      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** The City of Scottsdale operates a highly complex water treatment and distribution system. Required seasonal water production ranges from approximately 45mgd in the winter months to 105mgd in peak summer periods. The key elements or constraints which will directly influence the developed optimization tool and strategies are to prioritization of surface water usage over well water usage, blending requirements and strategies overall water quality conditions and challenges, varying seasonal demands reliability, redundancy and fire flows and energy usage and costs.  
  
The City of Scottsdale also operates a highly complex wastewater treatment and collection system. The key elements or constraints which will directly influence the developed optimization tool and strategies are to varying seasonal demands reliability and energy usage and costs.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	600.0	-	-	-	-	600.0
Water Rates	900.0	-	-	-	-	900.0
<b>Total:</b>	<b>1,500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,500.0</b>

\*Recurring Capital Maintenance Projects.

# Water Improvements

## W9912 - Water Distribution System Improvements

**Est. Completion:** 06/14      **Est. ITD Expenditures (Thru 06/11):** \$34,961.8      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for water distribution system improvements needed due to increasing system age, as well as increasing demand and fire flow requirements, such as is attributed to Downtown revitalization. This includes replacement of mains, PRV's, meters and valves, as well as design and construction of new water mains at various locations throughout the distribution system to improve service and to reduce operating cost. Replacement of existing small mains (4-inches and smaller) is required to meet fire flow requirements as set forth by Ordinance. This project will also include minor design, maintenance and construction modifications to various water treatment plant infrastructure, pump stations and storage tanks as driven by findings of the Department's System Asset Management Program.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	21,531.2	1,250.0	3,500.0	-	2,000.0	28,281.2
Water Rates	35,725.0	1,250.0	3,500.0	5,000.0	2,000.0	47,475.0
WW Golf	103.8	-	-	-	-	103.8
<b>Total:</b>	<b>57,360.0</b>	<b>2,500.0</b>	<b>7,000.0</b>	<b>5,000.0</b>	<b>4,000.0</b>	<b>75,860.0</b>

## W0710 - Water Oversizing

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$7,598.3      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides funds for the City to oversize lines and facilities to meet future ultimate capacity to Master Plan standards. The money is used when a resident / developer is required to extend the waterline (typically a 6" waterline), and the city wishes to have a larger water line installed (typically a 12" waterline) than the resident needs.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	8,204.5	-	-	-	-	8,204.5
<b>Total:</b>	<b>8,204.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,204.5</b>

## W0801 - Water Participation Program

**Est. Completion:** 12/21      **Est. ITD Expenditures (Thru 06/11):** \$208.9      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** This program provides a funding mechanism to facilitate the extension of water lines as required by City Code. The program allows the City to administer pay-back agreements to assist single-family residences connecting to the City's water distribution system. As these pay-backs are settled in the future, the funding outlays made through this program will be re-paid to the City with interest.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	1,750.0	250.0	500.0	500.0	500.0	3,500.0
<b>Total:</b>	<b>1,750.0</b>	<b>250.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>3,500.0</b>

\*Recurring Capital Maintenance Projects.

## Water Improvements

### W0205 - Water Quality Improvements – Southern Neighborhoods

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$10,347.3      **Operating Impact:** \$0.0

**Location:** Thomas Road and Pima Freeway

**Project Type:** Construction Related

**Description:** Provides for improvements to the City's existing Superfund Central Groundwater Treatment Facility to address EPA mandated arsenic and nitrate levels in drinking water. In addition, the project will improve the quality of potable water being produced at this site, by reducing total dissolved solids and hardness. This project will also reduce the excessive reservoir scaling currently experienced.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	500.0	-	-	-	-	500.0
Water Rates	17,000.0	-	-	-	-	17,000.0
<b>Total:</b>	<b>17,500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,500.0</b>

### W0709 - Water Quality Regulatory Compliance Programs

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$732.6      **Operating Impact:** \$0.0

**Location:** 8787 E. Hualapai

**Project Type:** Construction Related

**Description:** This project will result in improvements to information management, control and acquisition systems to help ensure water quality compliance. The LIMS (Laboratory Information Management System), used to track all samples brought to the laboratory and the repository of all data generated in the laboratory, will be upgraded. The Regulatory Compliance Group currently manually manages the scheduling and sampling for compliance monitoring of wells, ground and surface water treatment plants and the water distribution system sampling stations. This process will be automated. Additionally, system optimization functionality will be incorporated via software upgrades to the Supervisory Control And Data Acquisition (SCADA) computerized system used to manage physical controls of the water distribution and wastewater collection systems.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	2,100.0	-	-	-	-	2,100.0
<b>Total:</b>	<b>2,100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,100.0</b>

### \* Y1127 - Water System Architect/Engineer Services

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$20.1      **Operating Impact:** \$0.0

**Location:** Citywide

**Project Type:** Construction Related

**Description:** Provides for consulting/engineering services on an as needed basis for minor future studies, planning or design. The department requires an architect/engineer of a certain background to aid the department in technical analysis. These are usually projects that require immediate attention.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	100.0	-	-	-	-	100.0
<b>Total:</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>

\*Recurring Capital Maintenance Projects.

# Water Improvements

## \* Y1227 - Water System Architect/Engineer Services

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides for consulting/engineering services on an as needed basis for minor future studies, planning or design. The department requires an architect/engineer of a certain background to aid the department in technical analysis. These are usually projects that require immediate attention.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	100.0	100.0	100.0	100.0	100.0	500.0
<b>Total:</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>500.0</b>

## \* Y1026 - Water System Security Enhancements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$464.8      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response systems as needed.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Sewer Rates	124.0	-	-	-	-	124.0
Water Rates	350.0	-	-	-	-	350.0
<b>Total:</b>	<b>474.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>474.0</b>

## \* Y1126 - Water System Security Enhancements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$222.3      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response system as needed.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	350.0	-	-	-	-	350.0
<b>Total:</b>	<b>350.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>350.0</b>

\*Recurring Capital Maintenance Projects.

## Water Improvements

### \* Y1226 - Water System Security Enhancements

**Est. Completion:** NA      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** Provides for security enhancements at water and wastewater facilities identified in the Water Resources Vulnerability Assessment, including upgrade of existing prevention, detection and response system as needed.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	350.0	350.0	350.0	100.0	100.0	1,250.0
<b>Total:</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>100.0</b>	<b>100.0</b>	<b>1,250.0</b>

### W4708 - Well Sites

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$21,610.3      **Operating Impact:** \$0.0  
**Location:** Multiple locations  
**Project Type:** Construction Related  
**Description:** Design and construct new wells and upgrade existing wells at locations determined consistent with the Master Plan for water system demand. The City will still need to replace existing wells once the well has reached its useful life.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Development Fees	26,142.1	-	-	-	-	26,142.1
<b>Total:</b>	<b>26,142.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,142.1</b>

### W0708 - Well Sites Rehabilitation

**Est. Completion:** 06/13      **Est. ITD Expenditures (Thru 06/11):** \$468.9      **Operating Impact:** \$0.0  
**Location:** Citywide  
**Project Type:** Construction Related  
**Description:** The wells in the City system are aging and need rehabilitation. The wells will be analyzed, chemically or mechanically cleaned and rehabilitated as necessary. The wells in the City are beneficial for future water needs of the City of Scottsdale and need to be working for peak water demands for summer use.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
Water Rates	3,500.0	500.0	-	-	-	4,000.0
<b>Total:</b>	<b>3,500.0</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000.0</b>

### W1104 - WestWorld Improvements

**Est. Completion:**      **Est. ITD Expenditures (Thru 06/11):** \$0.0      **Operating Impact:** \$0.0  
**Location:** WestWorld  
**Project Type:** Construction Related  
**Description:** Provides for improvements to Westworld Golf Recharge Recovery pipeline, pump stations and reservoirs. This project will be fully funded by the golf course and city facilities receiving CAP water from the CAP Canal.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
WW Golf	500.0	-	-	-	-	500.0
<b>Total:</b>	<b>500.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500.0</b>

\*Recurring Capital Maintenance Projects.

# Water Improvements

**W0603 - Zone 14-16 Water Improvements**

**Est. Completion:** 12/11      **Est. ITD Expenditures (Thru 06/11):** \$5,592.8      **Operating Impact:** \$0.0

**Location:** Carefree Highway and Bartlett Road

**Project Type:** Construction Related

**Description:** Design and construct a 2.5 million gallon reservoir, booster pump station and install approximately 10,000 linear feet of 16" water line in Carefree Highway to Bartlett Road to serve Wildcat Hills in the far reaches of the City limits.

Funding Sources (In thousands of dollars)	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	Total
MPC Bonds	3,134.5	-	-	-	-	3,134.5
Water Development Fees	2,865.5	-	-	-	10,000.0	12,865.5
<b>Total:</b>	<b>6,000.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000.0</b>	<b>16,000.0</b>

\*Recurring Capital Maintenance Projects.